



Board of Public Works

Staff Report

Project/Event: Bloomington Fire Department aerial apparatus purchase

Petitioner/Representative: Max Litwin

Staff Representative: Max Litwin

Date: 3-11-24

Report:

Maintaining a properly functioning aerial apparatus within the city is essential to proper emergency response. As our fleet ages, new apparatus must be purchased to keep front line units in the proper functioning condition, as well as adequate reserve apparatus for when front line units need serviced or encounter maintenance issues. The contract being pursued is to secure a new 100' aerial apparatus from Fire Service, Inc (FSI) so that this need can be met.

City of Bloomington Contract and Purchase Justification Form

Vendor: Fire Service, Inc

Contract Amount: \$1,629,012

This form should be completed and attached to the contract documents and forwarded to the Legal Department Attorney assigned to your Department. Contracts will not be approved by the Controller if a completed form is not included with the contract documents.

PURCHASE INFORMATION

1. Check the box beside the procurement method used to initiate this procurement: (Attach a quote or bid tabulation if applicable)

<input type="checkbox"/> Request for Quote (RFQ)	<input checked="" type="checkbox"/> Request for Proposal (RFP)	<input type="checkbox"/> Sole Source	<input type="checkbox"/> Not Applicable (NA)
<input type="checkbox"/> Invitation to Bid (ITB)	<input type="checkbox"/> Request for Qualifications (RFQu)	<input type="checkbox"/> Emergency Purchase	

2. List the results of procurement process. Give further explanation where requested.

of Submittals: 33

	Yes	No
Met city requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Met item or need requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Was an evaluation team used?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Was scoring grid used?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Were vendor presentations requested?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Yes No

Was the lowest cost selected? (If no, please state below why it was not.)

Cooperative bidding established with Fire Service, Inc. (FSI).

Contract #113021-RVG
Solicitation Number: RFP #113021

3. State why this vendor was selected to receive the award and contract:

Bloomington Fire Department has secured numerous E-One apparatus from Fire Service, Inc (FSI) to provide a uniform fleet for emergency response. In addition, FSI has been a source for service on these apparatus and has greatly aided in keeping apparatus in service and in good repair.

They have a Cooperative Agreement Contract with Sourcewell for this type of unit. The unit is currently available due to another customer deciding not to take the unit. This is being purchased under Sourcewell Contract 113021-RVG.

Max Litwin

Print/Type Name

Deputy Chief

Print/Type Title

Fire

Department



SALES CONTRACT

This agreement made by and between **FIRE SERVICE, INC** (Company) and

City of Bloomington

(Legal Name of Buyer)

401 N. Morton St	Bloomington	Indiana	47404
(Address)	(City)	(State / Province)	(Zip / Postal Code)

1. **ACCEPTANCE:** The “Company” agrees to sell and the “Buyer” agrees to purchase the apparatus and equipment described in the E-ONE specifications and made part of this contract, in accordance with the terms and conditions listed on contract pages 1, 2, and 3.

2. **DELIVERY:** The apparatus shall be ready for delivery within approximately **840** calendar days, after the receipt and signed acceptance of this contract at the E-ONE Corporate Headquarters, Ocala, FL. The Company cannot be held liable for penalties and / or delays due to strikes, fires, accidents occurring due to the negligent conduct of other parties, force majeure, or any other causes that are not occasioned by the intentional, reckless, or negligent conduct of the Company.

In order to establish a stable design, procurement, and build schedule, a Buyer change order cutoff date of eight (8) Days from the date of the execution of the contract will be enforced. Changes in major components, configuration, or other items that may change the major components or configuration, (e.g.: engine, transmission, axles, water tank, body, fire pump) will not be allowed after the contract execution date.

If inability to obtain exclusive or brand name materials causes completion or delivery problems, the Company shall advise the Buyer of said problem. The Company resolves to examine alternative sources of said material. Material substitutions shall be mutually agreed upon by the Buyer and the Company. No substitutions shall be made without the execution of a written change order by the Buyer.

3. **CHANGE ORDERS:** Changes to the contract may be requested by the Buyer after the execution of the contract according to Section 2 of this document. Changes shall be reviewed for cost and schedule impact by the Company. Changes shall be sequentially numbered. Change Orders shall be prepared by the Company and executed by the Buyer. The price of the apparatus shall be adjusted to take into account any Change Orders. **Any and all Change Orders may extend the completion and delivery of the apparatus.**

4. **SPECIFICATIONS:** The Company agrees that all material and workmanship in and about this apparatus shall comply with the hereto attached E-ONE proposal dated **02/19/24** and clarifications.

5. **WARRANTY:** Shall be as proposed in the attached E-ONE specifications.

6. **PRICE:** The Buyer shall pay, as a purchase price for the apparatus, the sum of **One Million Six Hundred Twenty-Nine Thousand Twelve Dollars and no cents (\$1,629,012.00)**. All prices are less any applicable local, state, or federal taxes which may be applied to the apparatus proposed. NOTE: Payment shall be made by electronic funds transfer to the account indicated by the Company on the City's Electronic Funds Transfer form.

7. **TERMS OF PAYMENT:**

a) **Payment Plan Option: Payment shall be due within forty five (45) days of delivery of completed unit to the City of Bloomington.**

The purchase price payment reflects US dollars and does not include any authorized change orders which, if applicable, shall be paid at time of final inspection and signed acceptance.

b) No payment of any amount shall be made payable to a sales representative without written approval from the company.

c) It is agreed that the apparatus and equipment covered by this contract shall remain the property of the Company and not be placed in service until the entire contract price has been paid.

d) A copy of the Buyer's tax-exempt certificate, if applicable, shall be submitted with this signed contract.

8. **FIRE SERVICE, INC** requires, and the Customer agrees, that the unit shall be inspected and / or delivered within seven (7) days of notice that the unit had been completed.

9. **CANCELLATION:** This contract is subject to cancellation by Buyer only upon payment to Company of reasonable cancellation charges, which shall take into account expenses already incurred and commitments made by Company.

This contract, to be binding, must be signed by an officer of **Fire Service, Inc** or a person authorized, in writing, by **Fire Service, Inc.** to do so.

10. **TAG-ON / ADDITIONAL ORDERS:** The Company, at its sole discretion, would allow the terms of this contract to be extend both in terms to the Buyer as well as to other entities for similar unit(s). To accommodate for pricing, the Company would quote the original prices plus applicable manufactures price increases. Additionally, any regulatory changes (NFPA, EPA/Engine Emissions, FMVSS, etc.) would also have to be added as they become applicable. Change orders changing these units from the original quotation would need to be authorized, signed, and accepted as normal. Any entity using the tag-on process would be required to sign a new contract commencing the relationship. If the purchasing agency is not the BUYER, a separate contract will be required to complete the additional purchases. Additionally, any new tag-on order would require a separate Performance bond if initially required by the purchaser.



Board of Public Works

Staff Report

Project/Event: Approve Professional Services Contract with Action Target

Petitioner/Representative: Bloomington Police Department

Staff Representative: Mick Williams, Captain of Operations

Date: 03/12/2024

Report: The Contractor will upgrade the BPD indoor shooting range at the Bloomington Public Safety Training Center located at 3230 S Walnut Street in Bloomington, Indiana, and related equipment which was originally installed by the Contractor in 2008.

City of Bloomington Contract and Purchase Justification Form

Vendor: Action Target

Contract Amount: \$203,000

This form should be completed and attached to the contract documents and forwarded to the Legal Department Attorney assigned to your Department. Contracts will not be approved by the Controller if a completed form is not included with the contract documents.

PURCHASE INFORMATION

1. Check the box beside the procurement method used to initiate this procurement: (Attach a quote or bid tabulation if applicable)

<input type="checkbox"/> Request for Quote (RFQ)	<input type="checkbox"/> Request for Proposal (RFP)	<input checked="" type="checkbox"/> Sole Source	<input type="checkbox"/> Not Applicable (NA)
<input type="checkbox"/> Invitation to Bid (ITB)	<input type="checkbox"/> Request for Qualifications (RFQu)	<input type="checkbox"/> Emergency Purchase	

2. List the results of procurement process. Give further explanation where requested.

# of Submittals:	Yes	No	Was the lowest cost selected? (If no, please state below why it was not.)	Yes	No
Met city requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Met item or need requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Was an evaluation team used?	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Was scoring grid used?	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Were vendor presentations requested?	<input type="checkbox"/>	<input checked="" type="checkbox"/>			

3. State why this vendor was selected to receive the award and contract:

This is a contract for professional services. The vendor was selected because of the vendor's expertise and because the City has vendor's equipment installed on site.

 Mick Williams

Print/Type Name

 Captain of Operations

Print/Type Title

 BPD

Department

**AGREEMENT
BETWEEN
CITY OF BLOOMINGTON
POLICE DEPARTMENT
AND
ACTION TARGET
FOR
PROFESSIONAL SERVICES TO UPGRADE FACILITIES**

This Agreement is made and entered into on this 12th day of March, 2024, by and between the City of Bloomington Police Department (“Department”) and Action Target (“Contractor”), (collectively “Parties”).

WITNESSETH:

WHEREAS, the Department wishes to upgrade its indoor shooting range at the Bloomington Public Safety Training Center located at 3230 S. Walnut Street in Bloomington, Indiana, and related equipment, which was originally installed by Contractor in 2008; and

WHEREAS, the Department requires the services of this particular Contractor in order to upgrade the current facility and equipment which include proprietary systems and which have been routinely maintained by Contractor since the original installation; and

WHEREAS, it is in the public interest that such services be undertaken and performed so that the employees in the Department may be trained and maintain its high standards; and

WHEREAS, the Contractor is a recognized leader in the law enforcement industry and is the sole source for the necessary upgrades to the existing facility and equipment; and

WHEREAS, the Department and the Contractor wish to undertake the obligations expressed herein:

NOW, THEREFORE, in consideration of the mutual covenants herein contained, the parties hereto agree as follows:

Article 1. Scope of Services

The Contractor shall perform all services and furnish all supplies, material and/or equipment as necessary for the design, fabrication, and installation of the facility upgrades to the Department’s indoor shooting range (“Project”) as described in the Contractor’s proposal which is described in Exhibit A, “Proposal”, attached to and incorporated into this Agreement. Services shall be performed in a professional manner and in strict compliance with all terms and conditions in this Agreement. To the extent the Proposal contradicts

this Agreement, this Agreement shall govern. Despite the fact that the “Proposal Validity” on Exhibit A date is stated as 30 days from September 11, 2023, Contractor agrees to honor all prices, terms, and conditions contained in the Proposal.

Article 2. Contractor’s Obligations

- 2.1 Contractor shall diligently provide the Services under this Agreement and shall complete the Services described in this Agreement in a timely manner consistent with the Standard of Care identified in Article 3.
- 2.2 Contractor shall complete the Services required under this Agreement on or before May 31, 2024, unless the parties mutually agree to a later completion date. Completion shall mean completion of all work related to the Services.
- 2.3 In the performance of Contractor’s work, Contractor agrees to maintain such coordination with the Department as may be requested and desirable, including primary coordination with Myrick Williams as the Department’s Project Manager or any other Department designee. Contractor agrees that any information or documents supplied by the City or the Department pursuant to Article 3, below, shall be used by Contractor for this project only, and shall not be reused or reassigned for any other purpose without the written permission of the Department.
- 2.4 The Contractor shall determine the design, dimensions, and materials of the Project, subject to review and acceptance by the Department as set forth in this Agreement.
- 2.5 The Contractor shall prepare the Project design and corresponding budget as provided in Article 5 of this Agreement for the approved proposal.
- 2.6 Throughout the Project, the Contractor shall provide the Department or its designee sufficient detail to permit the Department to determine compliance with applicable local, state or federal laws, ordinances and/or regulations, and to obtain any necessary approvals.
- 2.7 The Contractor shall secure any and all required licenses, permits and similar legal authorizations at the Contractor’s expense as may be necessary for the installation of the Project at 3230 S. Walnut Street in Bloomington, Indiana (“Site”).

- 2.8 The Contractor shall provide the insurance specified in Article 15.
- 2.9 The Contractor shall provide the Department with a list of all subcontractors, if any, and a copy of the agreement between the Contractor and each subcontractor.
- 2.10 The Contractor shall provide a maintenance manual with a written description of all materials and products utilized in the Project and the required care and upkeep involved (“Maintenance Manual”), which shall be attached and incorporated into this Agreement as Attachment 3.
- 2.11 The Contractor acknowledges that, except as otherwise provided herein, until final acceptance of the Project by the Department under Article 10, any injury to property or persons caused by the Contractor’s Project or any damage to, theft of, vandalism to, or acts of God affecting the Contractor’s Project are the sole responsibility of the Contractor, including, but not limited to, any loss occurring during the completion of the Contractor’s Project, regardless of where such loss occurs.

Article 3. Standard of Care

Contractor shall be responsible for completion of the Services in a manner to meet the professional standards consistent with the Contractor’s profession in the location and at the time of the rendering of the services. Contractor shall perform all services under this Agreement in a skillful and competent manner in accordance with normally accepted standards of the Contractor’s professions and with that degree of care and skill which a professional in the industry would exercise under the same or similar circumstances. The City shall not unreasonably withhold its approval as to the adequacy of Contractor’s performance. Upon notice to Contractor and by mutual agreement between the parties, Contractor will, without additional compensation, correct or replace any and all services or products not meeting the Standard of Care.

Article 4. Department’s Obligations

- 4.1 The Department shall perform all obligations in strict compliance with all terms and conditions in this Agreement.
- 4.2 The Department shall be responsible for compliance with applicable laws and regulations with the exception of required licenses, permits and similar authorizations required to be secured by the Contractor under Article 2.5, and shall explain any limitations imposed by such laws and/or regulations to the

Contractor.

- 4.3 The Department shall be responsible for preparation of the Site in accordance with the specifications detailed by the Contractor. The Contractor and the Department will cooperate to determine reasonable costs for those items that the Department will be responsible for in order to prepare the Site for the timely transportation and installation of the Project. The Department shall be responsible for the completion of Site preparations by the scheduled installation start date or shall notify the Contractor in writing of any delays.

Article 5. Compensation

- 5.1 The final budget of Two Hundred Three Thousand Dollars (\$203,000) as show in the Proposal shall include all goods, services and materials and the Department shall not be responsible to pay Contractor for any amounts in excess of that sum, unless otherwise agreed upon in writing by the Parties and a written Addendum is executed by the Parties in accordance with all required procedures. The Department shall pay Contractor for all fees and expenses in an amount not to exceed a total of Two Hundred Three Thousand Dollars (\$203,000). This sum shall include all goods, services and materials.
- 5.2 Invoices may be sent via first class mail postage prepaid or via email. Payment will be remitted to Contractor within forty-five (45) days of receipt of invoice. Contractor shall submit an invoice to the Department upon the completion of the Services described in Article 1. Such invoices shall be prepared in a form supported by documentation as the Department may reasonably require.
- 5.3 Tasks shall be invoiced separately, either as separate lines on a single invoice, or on separate invoices at the Department's direction. The invoice shall be sent to the Controller, as directed below, with a copy sent to the Project Manager Myrick Williams via electronic mail at williamm@bloomington.in.gov:
- Jessica McClellan, Controller
City of Bloomington
401 N. Morton, Suite 240
Bloomington, Indiana 47404
- 5.4 Additional services not set forth in Article 1, or changes in the Services must be authorized in writing by the Department or its designated project coordinator prior to such work being

performed, or expenses incurred. The Department shall not make payment for any unauthorized work or expenses.

- 5.5 Contractor shall maintain accounting records of its costs in accordance with generally accepted accounting practices. Access to such records will be provided during normal business hours with reasonable notice during the term of this Agreement and for 3 years after completion.

Article 6. Appropriation of Funds

Notwithstanding any other provision of this Agreement, if funds for the continued fulfillment of this Agreement by the Department are at any time not forthcoming or are insufficient, through failure of any entity, including the Department itself, to appropriate funds or otherwise, then the Department shall have the right to terminate this Agreement without penalty as set forth in Article 8 herein.

Article 7. Schedule

Contractor and Department shall agree upon a Project Schedule including a submission of progress reports and inspections, if any, for Department approval. Contractor shall perform the Services according to the schedule. The time limits established by this schedule shall not be exceeded, except for reasonable cause as mutually agreed by the parties.

Article 8. Approval and Acceptance

- 8.1 The Contractor shall notify the Department in writing when all services have been completed in substantial conformity with the requirements of this Agreement and that the Project is ready for approval and acceptance.
- 8.2 The Department shall, within 10 days after the Contractor submits written notice pursuant to Article 10.1, notify the Contractor of its final acceptance of the Project. The effective date of final acceptance shall be the date the Department submits written notice to the Contractor of its final acceptance of the Project. The final acceptance shall be understood to mean that the Department acknowledges completion of the Project in substantial conformity with the Final Design, and that the Department confirms that all services as required of the Contractor have been completed.
- 8.3 If the Department disputes that all the services have been performed, the Department or its designee shall notify the Contractor in writing of those services the Contractor has failed to perform within 10 days after the Contractor

submitted written notice pursuant to Article 10.1 above. The Contractor shall promptly perform those services indicated by the Department.

8.4 If the Contractor disputes the Department's determination that not all services have been performed, the Contractor shall submit reasons in writing to the Department or its designee within 10 days of the Department's notification. The Department shall make reasonable efforts to resolve the dispute with the Contractor in good faith. However, final determination as to whether all services have been performed shall remain with the Department.

8.5 Upon the resolution of any disputes that arise under this Article 10, the Department or its designee shall notify the Contractor of its final acceptance of the Project.

Article 9. Warranties of Quality and Condition

The Contractor represents and warrants that:

9.1 All work will be performed in accordance with professional standards consistent with the profession in the location and at the time of the rendering of the services and free from defective or inferior materials and workmanship (including any defects consisting of "inherent vice," or qualities that cause or accelerate deterioration of the Project) for two years after the date of final acceptance by the Department under Article 10.

9.2. The Project and the materials used are not currently known to be harmful to public health and safety.

9.2.1 Reasonable maintenance of the Project will not require procedures substantially in excess of those described in the maintenance and preservation recommendations submitted by the Contractor pursuant to Article 9.7.

9.2.2 If within two years after Final Acceptance the Department observes any breach of warranty described in this Article 11.2 that is curable by the Contractor, the Contractor shall, at the request of the Department, cure the breach promptly, satisfactorily, and consistent with professional conservation standards, at no expense to the Department. The Department shall give notice to the Contractor of such breach with reasonable promptness.

9.2.3 If within two years after Final Acceptance, the Department observes a breach of warranty described in this Article 11.2

that is not curable by the Contractor, the Contractor shall be responsible for reimbursing the Department for damages, expenses, and loss incurred by the Department as a result of the breach. However, if the Contractor disclosed the risk of this breach in the Proposal and the Department accepted that it may occur, it shall not be deemed a breach for purposes of this Article 11.2 of this Agreement.

9.2.4 If after two years after Final Acceptance the Department observes any breach of warranty described in this Article 11.2 that may be curable by the Contractor, the Department, at its discretion, has the option to either:

- a. Contact the Contractor to make or supervise repairs or restorations at a reasonable fee; or
- b. Seek the services of a qualified restorative conservator and maintenance expert.

9.3 Maintenance

In accordance with Article 2.11, the Contractor shall provide the Department with a detailed Maintenance Manual with a description of all materials and products utilized in the Project and instructions for the required care and upkeep necessary to maintain the Project. The Department recognizes that maintenance will be a regular part of the upkeep on the Project, and the Department will be solely obliged to maintain the Project after Final Acceptance, as defined and outlined in Article 10. The City shall nonetheless have the right to determine, in its sole discretion, when and if maintenance, repairs, and restoration to the Project will be made. To the extent practical and if the Contractor has maintained current address and contact information with the Department, the Department shall give the Contractor an opportunity to consult on repairs or maintenance described in the Maintenance Manual during the ten (10) years following Final Acceptance of the Project.

Article 10. Termination

In the event of a party's substantial failure to perform in accordance with the terms of this Agreement, the other party shall have the right to terminate the Agreement upon written notice. The non-performing party shall have fourteen (14) calendar days from the receipt of the termination notice to cure or to submit a plan for cure acceptable to the other party.

The Department may terminate or suspend performance of this Agreement at the Department's prerogative at any time upon written notice to Contractor. Contractor shall terminate or suspend performance of the Services on a schedule acceptable to the Department and the Department shall pay the Contractor for all the Services performed up to the date that written notice is received, plus reasonable termination or suspension expenses. Upon restart, an equitable adjustment shall be made to Contractor's compensation and the schedule of services. Upon termination or suspension of this Agreement, all finished or unfinished reports, drawings, collections of data and other documents generated by Contractor in connection with this Agreement shall become the property of the Department, as set forth in Article 16 herein.

Article 11. Identity of the Contractor

Contractor acknowledges that one of the primary reasons for its selection by the Department to perform the duties described in this Agreement is the qualification and experience of the Contractor. Contractor thus agrees that the work to be done pursuant to this Agreement shall be performed by the Contractor or such other personnel in the employ under contract or under the supervision of Contractor. The Department reserves the right to reject any of the Contractor's personnel or proposed outside professional sub-contractors, and the Department reserves the right to request that acceptable replacement personnel be assigned to the project.

Article 12. Permanent Record

The Department shall maintain on permanent file a record of this agreement and of the location and disposition of the Project.

Article 13. Independent Contractor Status

During the entire term of this Agreement, Contractor shall be an independent contractor, and in no event shall any of its personnel, agents or subcontractors be construed to be, or represent themselves to be, employees of the City. Contractor shall be solely responsible for the payment and reporting of all employee and employer taxes, including social security, unemployment, and any other federal, state, or local taxes required to be withheld from employees or payable on behalf of employees.

Article 14. Indemnification

Contractor shall defend, indemnify, and hold harmless the Department, the City of Bloomington, and the officers, agents and employees of the City and the City from any and all claims, demands, damages, costs, expenses or other liability arising out of the

Agreement or occasioned by the reckless or negligent performance of any provision thereof, including, but not limited to, any reckless or negligent act or failure to act or any misconduct on the part of the Contractor or its agents or employees, or any independent contractors directly responsible to it (collectively "Claims").

Article 15. Insurance

During the performance of any and all Services under this Agreement, Contractor shall maintain the following insurance in full force and effect:

- a. General Liability Insurance, with a minimum combined single limit of \$1,000,000 for each occurrence and \$2,000,000 in the aggregate.
- b. Automobile Liability Insurance, with a minimum combined single limit of \$1,000,000 for each person and \$1,000,000 for each accident.
- c. Professional Liability Insurance ("Errors and Omissions Insurance") with a minimum limit of \$1,000,000 annual aggregate.
- d. Workers' Compensation Insurance in accordance with the statutory requirements of Title 22 of the Indiana Code.

All insurance policies shall be issued by an insurance company authorized to issue such insurance in the State of Indiana. The City of Bloomington, the City, and the officers, employees and agents of each shall be named as insureds under the General Liability, Automobile, and Worker's Compensation policies, and such policies shall stipulate that the insurance will operate as primary insurance and that no other insurance of the City's will be called upon to contribute to a loss hereunder.

Contractor shall provide evidence of each insurance policy to the City prior to the commencement of work under this Agreement. Approval of the insurance by the City shall not relieve or decrease the extent to which Contractor may be held responsible for payment of damages resulting from Contractor's provision of the Services or its operations under this Agreement. If Contractor fails or refuses to procure or maintain the insurance required by these provisions, or fails or refuses to furnish the City's required proof that the insurance has been procured and is in force and paid for, the City shall have the right at its election to terminate the Agreement.

Article 16. Conflict of Interest

Contractor declares that it has no present interest, nor shall it acquire any interest, direct or indirect, which would conflict with the performance of Services under this Agreement. Contractor agrees that no person having any such interest shall be employed in the performance of this Agreement.

Article 17. Waiver

No failure of either party to enforce a term of this Agreement against the other shall be construed as a waiver of that term, nor shall it in any way affect the party's right to enforce that term. No waiver by any party of any term of this Agreement shall be considered to be a waiver of any other term or breach thereof.

Article 18. Severability

The invalidity, illegality or unenforceability of any provision of this Agreement or the occurrence of any event rendering any portion or provision of this Agreement void shall in no way affect the validity or enforceability of any other portion or provision of this Agreement. Any void provision shall be deemed severed from this Agreement, and the balance of the Agreement shall be construed and enforced as if it did not contain the particular provision to be held void. The parties further agree to amend this Agreement to replace any stricken provision with a valid provision that comes as close as possible to the intent of the stricken provision. The provisions of this Article shall not prevent this entire Agreement from being void should a provision which is of the essence of this Agreement be determined void.

Article 19. Assignment

Neither the City nor the Contractor shall assign any rights or duties under this Agreement without the prior written consent of the other party. Unless otherwise stated in the written consent to an assignment, no assignment will release or discharge the assignor from any obligation under this Agreement.

Article 20. Third Party Rights

Nothing in this Agreement shall be construed to give any rights or benefits to anyone other than the City and Contractor.

Article 21. Governing Law and Venue

This Agreement shall be governed by the laws of the State of Indiana. Venue of any disputes arising under this Agreement shall be in the Monroe Circuit Court, Monroe County, Indiana.

Article 22. Non-Discrimination

Contractor shall comply with City of Bloomington Ordinance 2.21.020 and all other federal, state and local laws and regulations governing non-discrimination in all regards, including, but not limited to, employment.

The Contractor understands that the City of Bloomington prohibits its employees from engaging in harassment or discrimination of any kind, including harassing or discriminating against independent contractors doing work for the City. If the Contractor believes that a City employee engaged in such conduct towards the Contractor and/or any of its employees, the Contractor or its employees may file a complaint with the City department head in charge of the Contractor's work, and/or with the City human resources department or the Bloomington Human Rights Commission. The City takes all complaints of harassment and discrimination seriously and will take appropriate disciplinary action if it finds that any City employee engaged in such prohibited conduct.

Article 23. Compliance with Laws

In performing the Services under this Agreement, Contractor shall comply with any and all applicable federal, state and local statutes, ordinances, plans and regulations, including any and all regulations for protection of the environment. Where such statutes, ordinances, plans or regulations of any public authority having any jurisdiction over the project are in conflict, Contractor shall proceed using its best judgment only after attempting to resolve any such conflict between such governmental agencies, and shall notify the City in a timely manner of the conflict, attempts of resolution, and planned course of action.

Article 24. E-Verify

Contractor is required to enroll in and verify the work eligibility status of all newly-hired employees through the E-Verify program. (This is not required if the E-Verify program no longer exists). Contractor shall sign an affidavit, attached as Exhibit B, affirming that Contractor does not knowingly employ an unauthorized alien. "Unauthorized alien" is defined at 8 U.S. Code 1324a(h)(3) as a person who is not a U.S. citizen or U.S. national and is not lawfully

admitted for permanent residence or authorized to work in the U.S. under 8 U.S. Code chapter 12 or by the U.S. Attorney General.

Contractor and any subcontractors may not knowingly employ or contract with an unauthorized alien, or retain an employee or contract with a person that the Contractor or subcontractor subsequently learns is an unauthorized alien. If the City obtains information that the Contractor or subcontractor employs or retains an employee who is an unauthorized alien, the City shall notify the Contractor or subcontractor of the contract violation and require that the violation be remedied within 30 days of the date of notice. If the Contractor or subcontractor verified the work eligibility status of the employee in question through the E-Verify program, there is a rebuttable presumption that the Contractor or subcontractor did not knowingly employ an unauthorized alien. If the Contractor or subcontractor fails to remedy the violation within the 30 day period, the City shall terminate the contract, unless the City Commission or City that entered into the contract determines that terminating the contract would be detrimental to the public interest or public property, in which case the City may allow the contract to remain in effect until the City procures a new Contractor. If the City terminates the contract, the Contractor or subcontractor is liable to the City for actual damages.

Contractor shall require any subcontractors performing work under this contract to certify to the Contractor that, at the time of certification, the subcontractor does not knowingly employ or contract with an unauthorized alien and the subcontractor has enrolled in and is participating in the E-Verify program. Contractor shall maintain on file all subcontractors' certifications throughout the term of the contract with the City.

Article 25. Steel or Foundry Products

25.1 To comply with Indiana Code Chapter 5-16-8, affecting all contracts for the construction, reconstruction, alteration, repair, improvement or maintenance of public works, the following provision shall be added: If steel or foundry products are to be utilized or supplied in the performance of any contract or subcontract, only domestic steel or foundry products shall be used. Should the City feel that the cost of domestic steel or foundry products is unreasonable; the City will notify the Contractor in writing of this fact.

25.2 Domestic Steel Products are defined in Ind. Code § 5-16-8-1 as follows:

“Products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed

by a combination of two (2) or more of such operations, from steel made in the United States by open hearth, basic oxygen, electric furnace, Bessemer or other steel making process.”

25.3 Domestic Foundry Products are defined as follows:

“Products cast from ferrous and nonferrous metals by foundries in the United States.”

25.4 The United States is defined to include all territory subject to the jurisdiction of the United States.

25.5 The City may not authorize or make any payment to the Contractor unless the City is satisfied that the Contractor has fully complied with this provision.

Article 26. Notices

Any notice required by this Agreement shall be made in writing to the individuals/addresses specified below:

City:	Contractor:
City of Bloomington	Action Target
Attn: Jessica McClellan	Attn: Brian Sanders
401 N. Morton, Suite 240	3411 Mountain Vista Pkwy
Bloomington, Indiana 47402	Provo, UT 84606

Nothing contained in this Article shall be construed to restrict the transmission of routine communications between representatives of the City and Contractor.

Article 27. Intent to be Bound

The City and Contractor each binds itself and its successors, executors, administrators, permitted assigns, legal representatives and, in the case of a partnership, its partners to the other party to this Agreement, and to the successors, executors, administrators, permitted assigns, legal representatives and partners of such other party in respect to all provisions of this Agreement.

Article 28. Integration and Modification

This Agreement, including all Exhibits incorporated by reference, represents the entire and integrated agreement between the City and the Contractor. It supersedes all prior and contemporaneous communications, representations and agreements, whether oral or written, relating to the subject matter of this Agreement. This

Agreement may be modified only by a written amendment signed by both parties hereto.

Article 29. Non-Collusion

Contractor is required to certify that it has not, nor has any other member, representative, or agent of Contractor, entered into any combination, collusion, or agreement with any person relative to the price to be offered by any person nor prevented any person from making an offer nor induced anyone to refrain from making an offer and that this offer is made without reference to any other offer. Contractor shall sign an affidavit, attached hereto as Exhibit C, affirming that Contractor has not engaged in any collusive conduct. Exhibit C is attached hereto and incorporated by reference as though fully set forth.

This Agreement may be modified only by a written amendment signed by both parties hereto.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year first written above.

CITY OF BLOOMINGTON

Margie Rice, Corporation Counsel

ACTION TARGET

Action Target, Contractor
Brian Sanders, Senior Project Manager

CITY OF BLOOMINGTON POLICE DEPARTMENT

Myrick Williams, Project Manager

Michael Diekhoff, Chief of Police

Kyla Cox Deckard, President
City of Bloomington Board of Public Works

Exhibit B

STATE OF _____)
) SS:
COUNTY OF _____)

E-VERIFY AFFIDAVIT

The undersigned, being duly sworn, hereby affirms and says that:

1. The undersigned is the _____ of _____.
(job title) (organization/company)
2. The company named herein that employs the undersigned:
 - i. has contracted with or seeking to contract with the City of Bloomington to provide services; **OR**
 - ii. is a subcontractor on a contract to provide services to the City of Bloomington.
3. The undersigned hereby states that, to the best of his/her knowledge and belief, the company named herein does not knowingly employ an "unauthorized alien," as defined at 8 United States Code 1324a(h)(3).
4. The undersigned hereby states that, to the best of his/her belief, the company named herein is enrolled in and participates in the E-verify program.

Signature

Printed Name

STATE OF _____)
) SS:
COUNTY OF _____)

Before me, a Notary Public in and for said County and State, personally appeared _____ and acknowledged the execution of the foregoing this _____ day of _____, 2024.

Notary Public's Signature

Printed Name of Notary Public

My Commission Expires: _____

County of Residence: _____

Commission Number: _____

EXHIBIT C

STATE OF _____)
) SS:
COUNTY OF _____)

NON-COLLUSION AFFIDAVIT

The undersigned offeror or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be offered by any person nor to prevent any person from making an offer nor to induce anyone to refrain from making an offer and that this offer is made without reference to any other offer.

OATH AND AFFIRMATION

I affirm under the penalties of perjury that the foregoing facts and information are true and correct to the best of my knowledge and belief.

Dated this _____ day of _____, 2024.

Action Target

By: _____
Brian Sanders, Acton Target Senior Project Manager

STATE OF _____)
) SS:
COUNTY OF _____)

Before me, a Notary Public in and for said County and State, personally appeared _____ and acknowledged the execution of the foregoing this _____ day of _____, 2024.

Notary Public's Signature

Printed Name of Notary Public

My Commission Expires: _____

County of Residence: _____

Commission Number: _____



APPROVAL TO USE SPECIAL PURCHASING METHOD

Check the box for the purchasing method this request applies to

- Auction Purchase Equipment Compatibility GSA Special Pricing No response to RFQ/ITB
- Licensing Agreement Governmental Discount Single/Sole Source Impair City Operations

Email this Request Form to Jeff Underwood: underwoj@bloomington.in.gov

- 1) Request Date 9/20/2023
- 2) Requestor Name Mick Williams
 Department Police
 Telephone and E-mail 8123493329 williamm@bloomington.in.gov
- 3) Value of Proposed Contract or Purchase \$ 203,000
 Recommended Vendor Action Target
 Budget Line _____
- 4) Enter item description: Contract for range renovation

Detail Justification that Validates Special Purchasing Method. Please attach any supporting documents.

Action Target built our range in 2009, after 14 years of use the range is need of updates. Much of the range targetery system is out of date and no longer easily servicable. This contract will include the new control systems, targets, sound reduction, bullet trap improvements, installation, and training. Action Target is the only provider who can work on the range, integrating the new components with the current components.

Describe the product or service the vendor will provide and explain why this meets the special purchasing method checked above.

A new target control system, new target holders, sound reduction baffling, and extending the bullet container system. Contract includes installation and 3 years warranty coverage for the new components.

Detail the research performed to determine this purchase method is the best solution for the city.

Very little research was done for the provider, as Action Target is the only company that can work on our range for range specific upgrades or repairs.

Describe why this vendor and solution was chosen.

Action Target is the only company that can service and warranty the repair or upgrade work at our range facility.

REVIEWED
 By Julie Martindale Long at 11:43 am, Sep 27, 2023

See attached additional explanation

Approved By:

Jeffrey H. Underwood, CPA

Digitally signed by Jeffrey H. Underwood, CPA
 DN: cn=Jeffrey H. Underwood, CPA, o=City of Bloomington, ou=Office of the Controller,
 email=underwoj@bloomington.in.gov, c=US
 Date: 2023.10.04 14:27:13 -0400

Jeffrey H. Underwood

Date

Department Head

9/20/23
 Date



Bill To
 City of Bloomington
 Controller's Office
 401 N. Morton St #240
 BLOOMINGTON, IN 47404

Ship To
 220 E 3rd St
 BLOOMINGTON, IN 47401

Reprint Purchase Order
 No. 2023-00008333
 10/09/23

Vendor 13585 Action Target, INC

Contact
 Action Target, INC
 3411 South Mountain Vista Parkway
 PROVO, UT 84006

Deliver by
Ship Via
Freight Terms
Originator Elaine Gresham
Resolution Number
Payment Terms

Status	Quantity	U/M	Description	Unit Cost	Total Cost
Open	1.0000	EA	Police Equipment and Supplies	\$203,000.0000	\$203,000.00
<i>Item Description</i> 14-range upgrade PSTC/PS LIT budget					
<i>G/L Account</i>			<i>Project</i>	<i>Amount</i>	<i>Percent</i>
151-14-140000-54510 (Other Capital Outlays)					100.00%

Level	Level Description	Date	Approval User	Subtotal	\$203,000.00
2	L2 Supervisor	10/9/2023	Elaine Gresham	Sales Tax	\$0.00
3	L3 Dept Head	10/9/2023	Mike Diekhoff	Total Due	\$203,000.00
				Open Total Cost	\$203,000.00
				Amount Voided	
				Open Amount Expensed	
				Open Amount Encumbered	\$203,000.00
				Amount Discounted	
				Open Amount Remaining	\$203,000.00

Special Instructions

ACTION TARGET PROPOSAL

EXHIBIT
tabbies
A



ACTION TARGET PROPOSAL

Bloomington PD, IN - Product Upgrade v4

Quotation Number: 142388

Prepared by: Tyler Mousser

Territory Manager: Wyatt Davis



3411 Mountain Vista Pkwy, Provo Ut 84606
ActionTarget.com | 888.377.8033

PRICING TABLES

COMPLETE SHOOTING RANGE EQUIPMENT PACKAGE	Price
---	-------

12 Lane 25 Yard Tactical Indoor Range - 49' wide

\$203,000.00

(1) Genesis Wireless Retriever

- Local touch screen control
- No drive cables down range
- Hidden target clamp
- Smart Range Axis
- Smart Range Axis Wireless tablet controls
- Onboard lighting and camera
- 360 degree turning
- Pre-programmed with games, training scenarios and qualifications
- Retriever accent lighting

DRM Pro – Dual Running Man Pro

- 2 lateral runners
- Speeds up to 20 fps
- Heavy duty motors
- Smart Range Axis Tablet Controls
- Requires 220v power at the firing line - not provided by Action Target
- (1) Up range 120v 16 fla power supply - Not Provided by Action Target

(12) Fixed Lateral 360 turning targets

- Suspended overhead from track behind protective baffle
- Capable of independent or synchronized operation
- Targets system can be moved laterally up to 30 in. in either direction to form groups of targets.
- Target system can be reconfigured without the use of tools
- Multiple target carriers to be mounted to a single track
- 360 degree turning capability
- Completely electric system
- Smart Range Axis Tablet Controls

Combat Wall Baffles - 32' of walls in front of bullet trap

- Allows for safe 180 degree training on range walls
- 3/8" AR500 w/ 2" acoustical rubber tile fascia for rifle use

2" Thick PEPP Acoustical Treatment

- Covers 55' of side walls to 8' high
- Covers Range back wall 40' wide by 8' tall
- Charcoal Beveled PEPP
- Fire treated 2x4 furring, 1" acoustical cotton insulation
- Class A fire rated, .90 NRC (Noise Reduction Coefficient)

Action Target Factory Installation

Full Training of Range Staff

Ground Freight

NOTE: Assumed Tax Exempt (Tax will be added if not tax exempt)

Exclusions:

- Power requirements
- Any Conduit

- Demolition of existing products
- Disposal

Trusted Partner 3-Year Warranty

\$0.00

- Comprehensive Trusted Partner Warranty covers both parts and labor due to manufacturing or product defects.

Total

\$203,000.00

TERMS & CONDITIONS

Action Target Inc. may be referred to as "Action Target" or "ATI" throughout this proposal.

PROPOSAL DATE September 11, 2023

PROPOSAL VALIDITY 30 days from September 11, 2023

PAYMENT TERMS

1. PO with Milestones
2. ATI reserves the right to adjust installation costs based upon the actual site conditions encountered.
3. Unless explicitly itemized, price does not include bonds, fees, assessments, licenses, permits, mandatory wage requirements, other regulatory costs that may be applicable to the job site, or anything else not expressly identified in this proposal.
4. Price applies to range equipment and systems only. It does not include site preparation, construction, trusses/baffle supports, electrical, conduit, or any other work not directly contained in ATI's scope of work.

Steel Pricing Terms

The Parties acknowledge that the Total Contract Price includes an estimated costs for steel to be utilized in the ATI equipment being provided as part of this Agreement. If the actual price for steel at the time ATI orders the steel for this project is less than the amounts estimated in the current Total Contract Price, ATI agrees to adjust the Total Contract Price accordingly and credit Customer the difference. ATI will utilize the "Notice to Proceed" as the time frame to asses the cost of steel for the project, including Industry Indexes and then current quotes from ATI's steel suppliers.

SHIPPING TERMS

1. FOB destination: prepaid.
2. Shipping costs are estimates and subject to change; actual shipping costs will be subject to availability and rates at time of purchase.

DELIVERY & INSTALLATION TERMS

1. Manufacturing shall take no fewer than 18 weeks
2. Action Target Full Installation estimated 12 working days.
3. Installation cost is based upon having forklift and scissor lift access. If forklift and scissor lift access is not available, the installation cost will increase.

ACTION TARGET RESPONSIBILITIES

1. Consultation and recommendation of optimal range design.
2. Design of ranges for complete ballistic containment.
3. Procurement, engineering, cutting and painting of ballistic steel plate.
4. Manufacture of targets and control systems.
5. Provision of sound attenuation material as called out on ATI drawings.
6. Design, engineering, and supply of HVAC systems provided by ATI. (if applicable to this project)

**CUSTOMER
RESPONSIBILITIES**

1. Buyer to verify the ceiling structure within the range is capable of containing any errant type secondary bullet impacts.
2. All conduit, A.C. wiring, A.C. electrical connections, lighting, and any duct work is specifically excluded from this proposal and scope of work. If conflict with HVAC, plumbing or electrical equipment occurs, it will be the owner's / contractor's responsibility to resolve issues in a timely manner. Any delays from these may require a change order for additional install time.
3. Engineered stamped drawings for all hanging points, seismic engineering/components and/or ATI provided equipment.
4. Permits, licenses, special insurance requirements, bonds (when applicable), regulatory costs, or any other special fees unknown at this time.
5. Concrete work including slabs, footings, and walls, floor trenching and wall notching (if applicable).
6. Structural work of any kind, including structural supports, canopies, etc.
7. Engineering of ceiling or roof structures, trusses, beams cross-members, columns or pillars to accommodate baffle, trap, target systems, lighting and HVAC equipment weight loads. Weights and load points will be provided in ATI drawings for utilization by the general contractor, engineer or architect.
8. Drop ceiling behind the safety ceiling at the firing line or other light fixtures in this area.
9. Temporary lighting and power (including 3 phase, if necessary).
10. Supplying of electrical services, electrical outlets, conduit(s), junction boxes, disconnects, stub-outs and lighting of any kind.
11. 120-volt power to the control panel, control conduits, and dedicated analog phone line to DDC panel, labor to assist ATI's control technician with pulling in all necessary low voltage cable (all control conduits are required to have pull strings installed prior to arrival of ATI's start-up technician), labor and hardware to install DDC control panels in the building and on the roof, dedicated 120-volt circuit to the control pipe and wire for the evaporative cooler section fill and drain valves.
12. Power and disconnect switches to all equipment per local code and manufacturer's requirements on the equipment, VFDs for the electrical contractor to mount and wire (ATI will only supply low voltage wire connections).
13. Range lighting controls and wiring. (unless specifically called out in quote)
14. Gas, water, and drain piping to the ventilation equipment set by ATI;
15. Cutting, coring, sealing and/or patching of any wall surfaces, roof surfaces, and or concrete (if applicable).
16. Additional fees related to "customization" of product or work otherwise identified as "custom".
17. Action Target MUST have temporary internet access at the facility to program HVAC controls. HVAC maintenance personnel must be present for commissioning to learn troubleshooting for post sign-off.
18. Any other work, materials or equipment that is not expressly included in the ATI Work.
19. Disposal of construction waste.
20. Wash area and restroom facilities.

**CONFIDENTIALITY
COPYRIGHT &
REPRODUCTION**

This proposal is submitted by Action Target Inc. Any and all information, drawings, specifications and other design documents contained herein is the property of Action Target Inc. and shall not for any reason, whether tangible or intangible, be disclosed, duplicated, or used, in whole or in part, for any reason other than to evaluate this quote.

**TERMS &
CONDITIONS
CLAUSE**

This is a summary of standard Action Target Inc. Terms and Conditions. Action Target Inc. reserves the right to change, modify or add to these Terms and Conditions in the final customer contract.

TRUSTED PARTNER WARRANTY™

3-YEAR COMPREHENSIVE COVERAGE

Action Target's 3-year Trusted Partner Warranty is peace of mind for gun ranges. It is uninterrupted training for those that serve. It is a resounding pledge from Action Target to its customer's success as the Trusted Partner at Every Level™.

Our Promise

The comprehensive Trusted Partner Warranty covers both parts and labor due to manufacturing to product defects.

CORE PRODUCTS COVERED

- Genesis™ Target Retriever
- Pilot™ Target Retriever
- SmartRange Axis™ Range control
- DRM Pro™
- Shooting Stalls
- Rubber Berm Trap
- Vortex™ Steel Trap
- Baffles and Deflectors
- Turning targets
- Auto Targets™
- MATCH™
- TAC House™
- Line of Fire™



LEARN MORE

ActionTarget.com/TrustedPartnerWarranty



GENESIS™

A NEW ERA IN SHOOTING RANGE TECHNOLOGY

Smart, connected, and powerful, the Genesis target retriever is the most entertaining and engaging target retriever on the market. Genesis enables range staff to manage and train shooters, maintain their investment, and streamline range operations like never before.

Engaging Shooters

Genesis features preloaded games and drills developed by leading firearms trainers. An integrated 360° turning clamp physically exposes and conceals the target for specific or random amounts of time. This enables shooters of any skill level to be challenged.

Intuitive and Convenient

Genesis is easy to use and was designed for maximum shooter convenience. It includes a user-friendly interface, 15 fps travel speeds, integrated cameras that display the down-range target, and videos that educate the shooter.

Smart Accent Lighting

Genesis is equipped with smart accent lighting to communicate visually with range staff. For example, when a shooter needs assistance, the accent lights strobe blue. When a carrier is shot, the accent lights strobe red. Ranges may select their preferred accent light color to denote normal operation.

Action Target Connected

Genesis is connected to SmartRange Axis™ range control software through Action Target's cloud network. This allows Action Target to update content remotely, troubleshoot on the fly, and provide expedited customer support.

Strike Watch™ Technology

Genesis incorporates Strike Watch technology to detect bullet strikes on the carrier, which protects your investment. If the carrier is shot, the target turns to edge, all lights strobe red, and the shooter receives a warning. If there are subsequent strikes on the carrier, the session is terminated.

Hidden Clamp

The 360° turning clamp is concealed inside the carrier. This eliminates expensive and time-consuming maintenance, which is a common requirement for exposed metal down riggers. An economic 2-part backer interfaces with the clamp, enabling dynamic target presentation.

LEARN MORE

ActionTarget.com/Genesis

FEATURES

- SmartRange Axis Compatible
- Color Adjustable Smart Accent Lighting
- Strike Watch Technology
- 100% Wireless functionality
- Integrated target camera
- Hidden Target Clamp
- Booth and Target Lighting: White & Police strobe
- Easy-to-use Control Interface
- Plug and Play Upgrades
- 3/8" AR500 Steel Deflector Plate



DRM PRO

ENHANCED TRAINING AT YOUR FINGERTIPS

The DRM Pro is a state-of-the-art running man target. Equipped with two independent target carriers, variable speeds up to 20 fps, and programmable scenarios, this system offers shooters the most realistic training available.

Fast

Targets travel at speeds up to 20 FPS for realistic training.

Smart Device Control

The DRM Pro may be controlled on any Wi-Fi enabled device and provides access to service logs for maintenance.

Configuration

Inverted: System is installed behind the last row of ceiling baffles.

Two in One

Dual runners on parallel tracks provide enhanced dynamic training.

Connected

System connects with central range control and nearly any smart device.

Powerful

Heavy-duty inductive motors and hardened pulleys are built to last in any environment.

LEARN MORE

ActionTarget.com/DRM_Pro

FEATURES

- Control Interface Runs on Any Smart Device
- Integrates with Range Control Software
- Variable Speeds Up to 20 FPS
- Target Positions are Accurate Within 6"



FIXED LATERAL 360

UNIQUE FEATURES, ADVANCED TRAINING

The Fixed Lateral 360 system allows inverted targets to be repositioned laterally along a fixed rail, spaced apart or in groups, without the use of tools. Used in conjunction with the DRM Pro™ target system, these targets can represent bystanders or threats to simulate real-world scenarios.

360° Turning

Targets can turn 90, 180, and 360 degrees in the blink of an eye.

Ballistic

Exposed downrigger is built using AR500 steel to resist damage from bullets.

Quiet

Electric motor operates quietly, preventing shooters from anticipating movement.

Connected

Integrates with our range control software for advanced features and functionality.

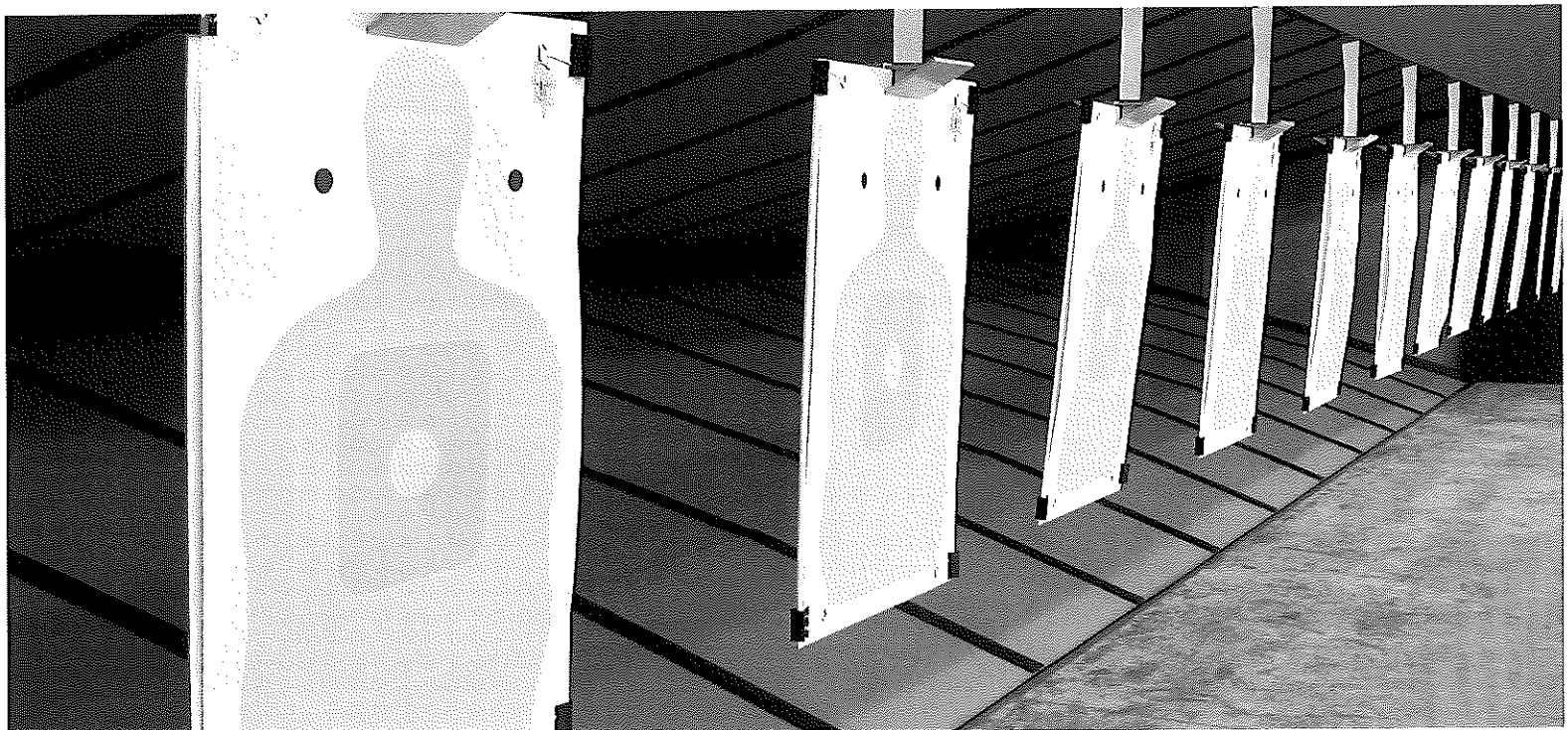


LEARN MORE

ActionTarget.com/Fixed-Lateral-360

FEATURES

- 360° Turning
- Ballistic AR500 Steel Downrigger
- Low Maintenance
- Advanced Quick Release Clamp
- Lateral Repositioning
- Electrical



WALL BAFFLES

KEEP ERRANT ROUNDS SAFELY CONTAINED

A critical safety priority for any indoor range is making sure bullets cannot escape outside the range. Wall baffles provide an extra level of protection to wall structures and ensure that all rounds are contained within the range.

Safe

Wall baffles provide ballistic protection for wall structures and can contain thousands of rifle and handgun bullets, preventing errant rounds from escaping the shooting range.

Customizable

Action Target's wall baffles are compatible with various fascia options, range sizes, and ballistic ratings.

Modular Design

Individual baffles may be replaced as necessary, which keeps maintenance costs low.

Fascia

Wall baffle fascia helps contain splatter and provides sound abatement for the range.

Wood Panel

A layer of wood over the baffle contains bullet splatter, keeping shooters and range staff safe.

Air Gap

A wood or steel furring within the baffle provides space for bullets to splatter.

Ballistic Steel Baffles

Steel baffles prevent bullets from escaping the range and protect structural walls from projectiles fired at oblique angles. ATI Class 1 (handgun) and ATI Class 2 (rifle) options are available.

Wall Deflectors

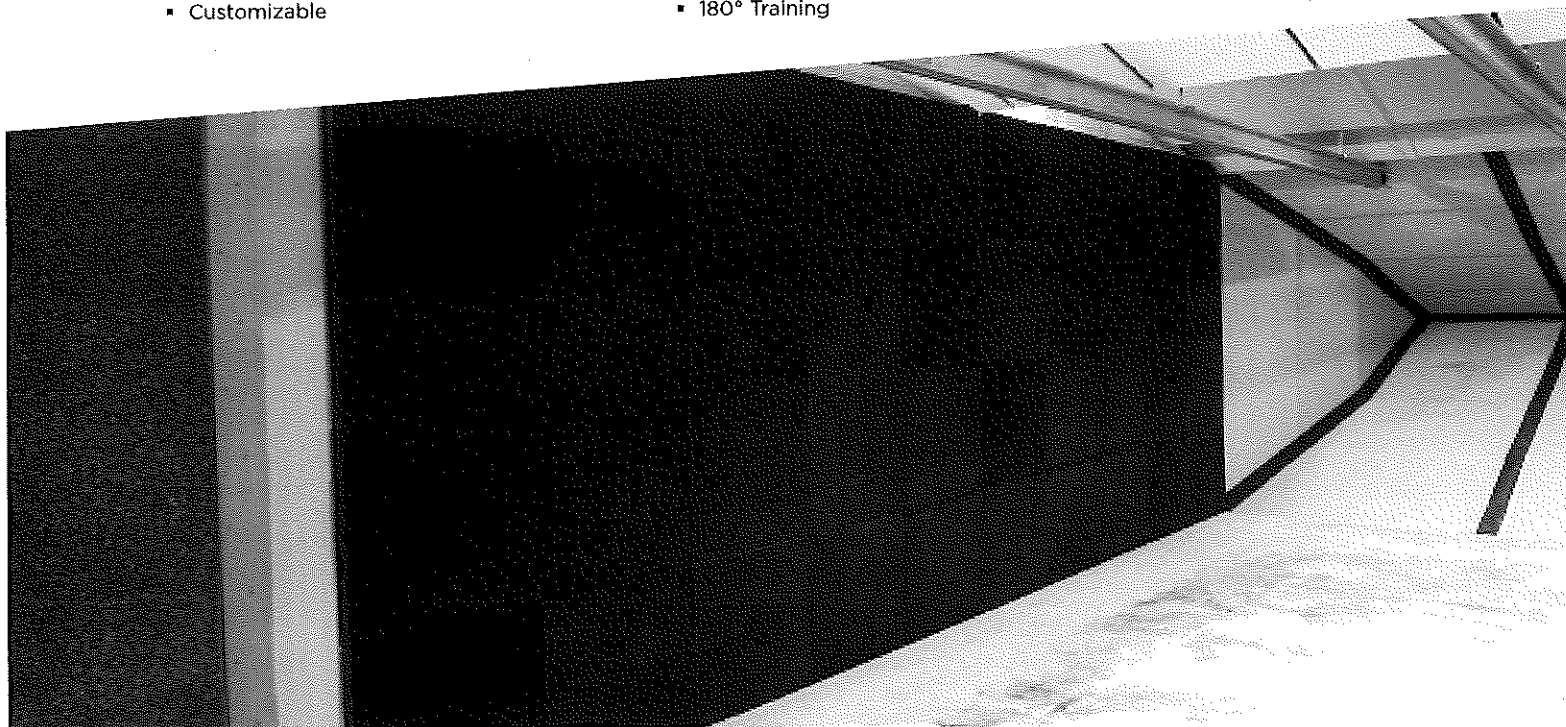
Wall deflectors are installed in front of the bullet trap and over wall seams to keep rounds within the range. Deflectors are comprised of two components that are precisely engineered to direct rounds downrange. Deflectors are also designed with replaceable wear plates.

LEARN MORE

ActionTarget.com/Wall-Baffle

FEATURES

- Prevents Splatter
- Customizable
- Modular
- 180° Training



SMARTRANGE AXIS™

ENHANCED RANGE CENTRAL CONTROLS

SmartRange Axis™ is a powerful range management solution allowing for remote access to your range for quick diagnosis and service, integrated control platform that puts all your equipment at your finger-tips, user friendly simple and intuitive interface for customers and staff, wireless, security with administrative login, lane management controls, industrial grade tablet, with multiple tablet control options, maximizing range usage and user experiences.

Lane Management

SmartRange Axis' Lane Management is second to none, offering the ability to enter shooters' names, assign unique permissions, and designate lane time limits.

Unique Permissions

User profiles are created by ranges and assigned to shooters at check-in. Each user profile carries unique permissions for program access and editing, lighting control, and equipment features. This allows ranges to tailor each session based on criteria such as range staff roles, membership level, etc.

Program Creation

Build dynamic programs and organize them by folder. Control exposure time, edge time, and cycle count. Or establish random parameters for a truly unpredictable and challenging training session.

Lighting Controls

Control stall and carrier lighting from one central location for an unmatched experience in training and an enhanced look and feel for any range.

Timed Drills

Set up and execute timed drills with customized target exposure times, cycle counts, and retriever speed for training or qualification.

Action Target Connected

SmartRange Axis uses a range server that connects with Action Target's cloud network. This provides access to analytics, remote troubleshooting, system improvements, and content updates for improved and streamlined business processes. As the building block for the future, Smart-Range Axis will continue to grow and serve as a central element for all range operations.

HVAC Management

Utilize a user-friendly control of your HVAC system, optimizing heating, cooling, and the safe removal of smoke and harmful containments like airborne lead and carbon monoxide from your range; while maintaining the necessary negative pressure to other areas of your building, preventing the spread of those same harmful containments. HVAC controls also allow you to monitor the health of your filters to keep your system running as efficiently as possible.

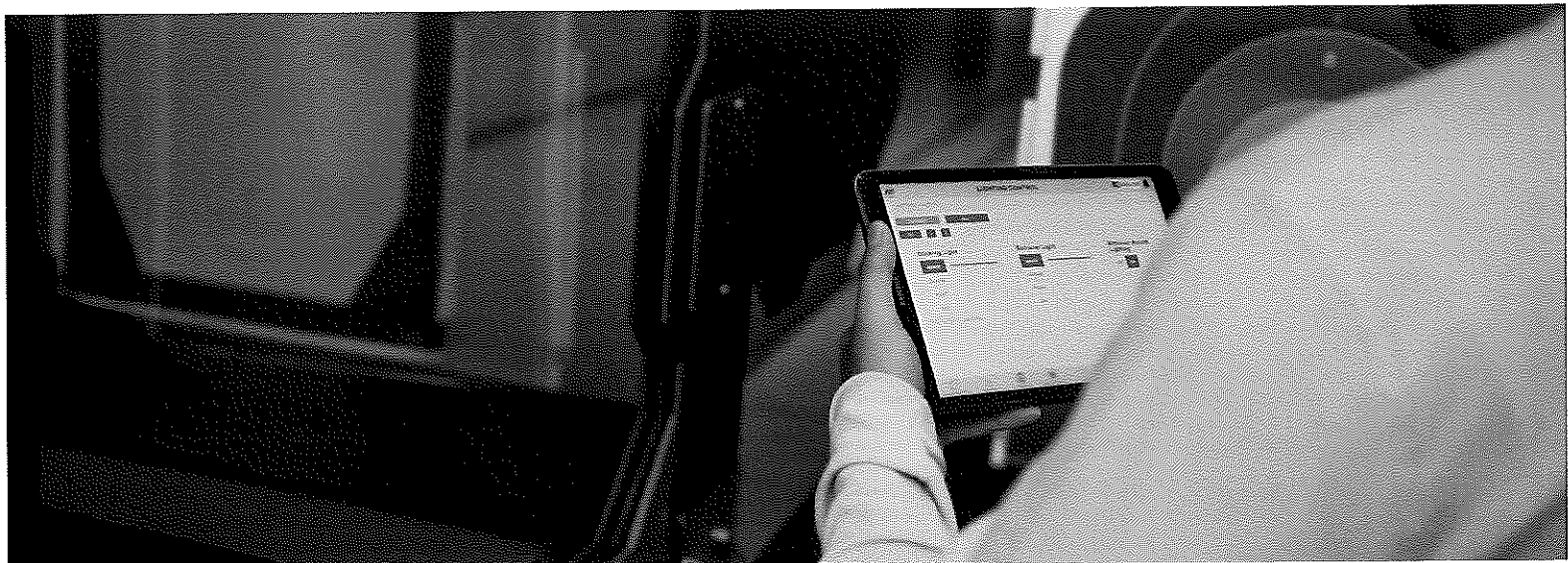


LEARN MORE

ActionTarget.com/SmartRange

FEATURES

- Central Master Range Control
- Lane Management
- Unique Permissions/User profiles
- Action Target Connected Remote Access
- Program and Timed Drill Creation
- HVAC Management
- Stall and Carrier Lighting Controls
- Language support options



PEPP

PEPP PANELS FOR SOUND ABATEMENT

PEPP is a cleanable acoustic panel that can be attached directly to range wall and ceiling surfaces for attractive and effective sound control.

Durable

PEPP can be used both indoor and outdoor. It is moisture-, impact-, bacteria-, and fungi-resistant. It is also resilient to oil, chemicals, flames, and sagging.

High Performance

PEPP is Class A fire-rated per ASTM E84 and also has high STRC and NRC ratings. NRC of 2" PEPP with the 1" cotton backing is .90. PEPP also has a SRT of 13.

Configuration

Can be installed on both range wall and ceiling surfaces.

Wipe-able

The non-fibrous and non-abrasive lightweight surface does not contain fiberglass and is easily cleanable.

Strong

This sound-silencing material is resilient and flexible. PEPP is durable, tackable, and is made of a strong rigid material that can capture rounds without ricochet or splatter.



LEARN MORE

ActionTarget.com/Sound-Abatement

FEATURES

- Available in Both Charcoal and White Finish
- Both 1" and 2" Thickness
- Both Straight Edge and Beveled Edge Finishes
- High STRC and NRC Sound Rating
- Non-Fibrous, Resistant Material
- Class A Fire Rated
- Lightweight and Easy-to-Clean
- Outdoor and Indoor Usage



AFTERMARKET SERVICES

TURNKEY CONVENIENCE, COMPLIANCE, AND SAFETY

Managing a range requires a lot of effort and attention to detail. Action Target eliminates much of that effort with our turnkey range solutions. From scheduled maintenance and cleanings to managing metals recycling and compliance documentation, Action Target's services streamline your operations.

Recycling & Disposal Programs

Metals Recycling

Recycling your metals with Action Target is easy and efficient. Simply contact Action Target to schedule a pickup. We will be there within 72 hours, at which time your London Metals Exchange (LME) spot pricing will be locked in.

- **Fast and Convenient Pickup**
- **Simple Brass and Lead Packaging**
- **Best in Class Payment Structure and Loyalty Bonus**
- **10% BONUS for Action Target equipment and services**

Range Waste Disposal

Genesis is connected to SmartRange Axis™ range control software through Action Target's cloud network. This allows Action Target to update content remotely, troubleshoot on the fly, and provide expedited customer support.

Rubber Berm Trap Cleaning

Transparent pricing

Action Target uses a simple, transparent, all-inclusive pricing structure based on the size of your trap to give you the best return on your metals. 100% of the metals value belongs to you. Opt for a check or credit at our store with a 10% loyalty discount. Store credit can be applied to Action Target products, services, and range equipment.

Proprietary Process

We have developed a proprietary process to clean your rubber berm traps with the safety and profitability of your range in mind.

Convenience

This complete turnkey solution integrates with our Metals Recycling and Filter Disposal Programs. We also provide all the necessary containers, pallets, packaging, and other transport materials, simplifying your role in the process.

Maintenance & Cleaning Programs

Range Visits

Action Target works with you to build a plan that determines the appropriate number of annual visits your range requires. These visits include a number of specialized services to keep your range running at peak condition.

Range Maintenance

We provide resources to help you maintain your range. From maintenance schedules to operation and maintenance manuals, we ensure you are prepared to properly care for your equipment.

Range Cleaning

With staff and client safety as our top priority, we provide cleaning services to help you maintain a safe and sanitary range.

Action Target Store



Paper and Cardboard Targets

With more than 1,000 target designs, we offer a greater selection than anyone else in the industry.



Target Backers

We stock a variety of backers to fit any target system.



Steel Targets

We offer a wide variety of innovative steel targets.



Eye and Ear Protection

Keep your customers safe with quality ear and eye protection designed for target shooting and tactical situations.



Firearm Storage and Cleaning

Keep your rental guns secure and working smoothly with our selection of firearms storage, cleaning, and lubrication gear.



Range Cleaning Products

Keep your range safe and clean with products designed to remove lead from hands, shoes, floors, and other surfaces.



HVAC Filters

Specifically designed to filter lead and high loading conditions found in indoor firing range applications.

Customer Support

24/7 Support

Action Target Customer Service is always on call and ready to help with warranty issues, replacement parts, and anything else you need to keep your range running at peak performance. We stand behind our work and we stand behind you.

Nation-Wide Representatives

Regionally-located customer service technicians provide fast industry-leading service in all states.

Remote Access

Many of our products are remotely-accessible, allowing our team to quickly troubleshoot and provide assistance. This speeds up the maintenance process, ensuring minimum downtime.

Inventory

We maintain a parts inventory to minimize service lead times. Additionally, our team works with you to ensure you have the necessary parts on-site to maximize the effectiveness of technician visits.

3-year Warranty

We at Action Target stand behind our products with the industry's best warranty. Our 3 year trusted partner warranty is 3x the protection of industry-standard warranties and 3x the peace of mind for customers.

Updated February 2024

To: Prospective Bidders/Vendors/Grant recipients

RE: Affirmative Action/Harassment Policy, Living Wage Ordinance, and Drug Testing Policy

FROM: Audrey Brittingham, Assistant City Attorney/Contract Compliance Officer

AFFIRMATIVE ACTION: All bidders, quoters, vendors, and grant recipients with the City of Bloomington for projects in excess of \$10,000.00 must submit an affirmative action plan to the City Legal Department. This plan must ensure applicants and employees are treated in a manner that provides equal employment opportunity and tends to eliminate inequality based upon race, religion, color, sex, national origin, ancestry, disability, sexual orientation, gender identity, veteran status and/or housing status.

Even if your company already has a plan on file with the City, you are strongly encouraged to check with City Legal Department to make sure it complies with the City's current requirements, including having a workforce breakdown form that is no more than six months out of date. If you already have a plan, but it does not cover all of the City's current requirements, you may submit a separate supplement with your plan to fill any gaps.

You must submit your written affirmative action plan (or supplement) to City Legal or as part of your bid packet by the bid deadline. Bidders who fail to submit an affirmative action plan by the bid deadline are subject to disqualification. **We strongly recommend you submit your affirmative action plan to the Legal Department prior to the bid deadline so Legal may review your plan to make sure it complies with the City's requirements.** If your bid is chosen and your affirmative action plan does not entirely comply with the City's requirements, you will be required to bring it into compliance prior to the execution of any City contract.

Accompanying this letter you will find the following materials:

1. A sample affirmative action. You are not required to adopt this plan; it is provided for your convenience. Feel free to adopt this plan as your own or to amend it to meet your needs.
2. A workforce breakdown form. You **MUST** submit a workforce breakdown form (sometimes called a "utilization report") with your affirmative action plan. If you have a different form that includes the same type of information, you may submit a copy of that form instead of using our form. **Your workforce breakdown data cannot be more than six months old.**
3. An affirmative action plan checklist. This is the checklist we use to crosscheck your company's affirmative action plan against the City's requirements. If your plan omits any elements on the checklist, your plan will not be approved.

Additional materials, such as the City of Bloomington's Contract Compliance Regulations, are available from the Legal Department upon request.

Once Legal has approved your affirmative action plan, you will receive a letter that can be used to verify your compliance for any City project or contract that requires an affirmative action plan. This letter will expire six months after you submitted the affirmative action plan. You will be issued a new letter when you submit an updated workforce breakdown form.

HARASSMENT POLICY: All bidders and vendors required to submit an affirmative action plan must also submit a harassment plan. The harassment plan must, at minimum, include a definition of harassment; the name or title of the individual designated to receive and investigate complaints; and a statement that the contractor will not retaliate against an employee for complaining about harassment. A model harassment policy is included for your convenience as part of our attached model affirmative action plan.

LIVING WAGE: Contractors that are considered "covered employers" under City Ordinance 2.28, otherwise known as the "Living Wage Ordinance" or "LWO," are required to pay their covered employees at least a living wage. Currently, the living wage is \$15.75 per hour for covered employees. Up to 15% of that amount, or \$2.36, may be in the form of the covered employer's contribution to health insurance available to the covered employee.

If the City determines the successful bidder is a covered employer under the LWO, Contractor shall execute the Living Wage Ordinance Affidavit; shall abide by the LWO by paying their employees a living wage and providing the City with information requested in the course of enforcing the LWO; and shall post the Living Wage Poster, provided on the last page of this packet, in areas frequented by their covered employees.

The attached flow chart provides guidance on whether the contractor is a "covered employer." If you have questions, please contact Audrey Brittingham at audrey.brittingham@bloomington.in.gov, or call 812-349-3426.

DRUG TEST POLICY: Finally, please be aware that if you are submitting a bid for a public works project with an estimated cost of \$150,000.00 or more, you will need to submit your company's written drug testing plan with your bid. Your plan must comply with I.C. 4-13-18-1. Failure to do so may make you ineligible to be awarded a bid or contract. Please see your bid packet for more details.

If you have any questions, contact the City's Legal Department at 812.349.3426 or email the City at legal@bloomington.in.gov. The office hours are Monday through Friday, 8-5.

Thank you.

Model Affirmative Action Plan and Harassment Policy

Action Target Inc., declares its policy to provide equal opportunity in employment, training and advancement, and to administer its employment practices without regard to race, color, religion, sex, national origin, ancestry, disability, sexual orientation, gender identity, veteran status, or housing status. Our policy of nondiscrimination will prevail throughout every aspect of our employment practices, including recruitment, hiring, training and all other terms and conditions of employment. We shall implement this affirmative action plan to make it widely known that equal employment opportunities are available on the basis of individual merit. We shall survey and analyze our employment workforce annually to determine what steps, if any, are needed to conform effectively to this equal employment policy.

Responsible Officer

Mr. or Ms. Gage Rasmussen (or the Human Resource officer) is the equal employment opportunity officer for our company and is responsible for implementing this affirmative action policy.

Publication of Policy

Our employees will be made aware of our commitment to affirmative action through the following procedures:

- posting notices on employee bulletin boards,
- including our policy statement and plan in our personnel manual,
- regularly sending out notices of our policy in paycheck envelopes, and/or
- training supervisors to recognize discriminatory practices.

We will make potential employees aware of our policy through the following procedures:

- including the words "Equal Opportunity Employer" in all of our advertisements and notices for job openings,
- notifying employment agencies about our commitment, and
- sending notice of our policy to unions.

Implementing Our Policy

Our affirmative action plan will be implemented by widening our recruitment sources. We shall advertise in newspapers and other media that reach people in protected classes. We shall send job notices to schools with large percentages of students in the protected classes and to local groups that serve these classes.

We shall examine our hiring practices periodically to insure that we consider only job-related qualifications in filling our positions. We shall discard irrelevant educational requirements and unnecessary physical requirements. We shall ask only job-related questions on our employment applications.

We shall keep affirmative action information on each applicant who voluntarily provides this information, but separate from his or her application. We shall keep records on our hiring decisions to evaluate the success of our affirmative action measures. We shall decide placement, duties, benefits, wages, training prospects, promotions, layoffs and terminations without regard to race, sex, religion, color, national origin, ancestry, disability, sexual orientation, gender identity, veteran status or housing status.

GRIEVANCE PROCEDURE

If an employee or applicant feels she or he has been discriminated against on the basis of race, sex, religion, color, national origin, ancestry, disability, sexual orientation, gender identity, veteran status or housing status, she or he may bring the complaint to her or his immediate supervisor. If the complaint is not resolved readily at that level, she or he may submit it to Human Resource Manager _____ (personnel officer, corporate president, other) who will make a final decision on its validity. This grievance process does not preclude him or her from complaining to local, state or federal civil rights agencies. We will not retaliate against an employee or applicant for voicing a grievance or for filing a complaint with the appropriate agency.

Our current workforce breakdown is shown on the attached form.

Policy prohibiting harassment in the workplace

It is the policy of Action Target Inc. _____ (company name) to maintain a workplace free of harassment on the basis of race, sex, color, ancestry, national origin, religion, disability, age, sexual orientation, gender identity, housing status or veteran status. Harassment, as defined herein, is strictly prohibited in the workplace, and is punishable by appropriate discipline up to and including termination.

Harassment means any unwelcome or offensive conduct, whether written, verbal or physical, which is

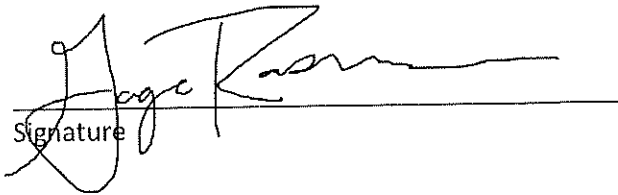
- (a) directed at or to an employee because of his or her actual or perceived race, sex, color, ancestry, national origin, religion, disability, age, sexual orientation, gender identity, housing status or veteran status or
- (b) directed toward any person concerning an individual, or a class of individuals, because of the race, sex, color, ancestry, national origin, religion, disability, age, sexual orientation, gender identity, housing status or veteran status of the individual or class of individuals. For example, racial or ethnic slurs or derogatory epithets are prohibited in the workplace, regardless of whether a member of the racial or ethnic group is present when the statement is made.

Harassment does not refer to occasional compliments or other statements of a socially acceptable nature. Harassment refers to behavior which is unwelcome and which is offensive and/or persistent enough to create, or has the potential of creating an intimidating, hostile or offensive working environment for any employee. Harassment includes unwelcome sexual advances or requests for sexual favors, unwelcome touching of a sexual nature and unwelcome and/or offensive sexual comments.

1. This policy applies to all full-time, part-time, permanent and temporary employees, including supervisors and department heads, as well as to volunteers.
2. It is a violation of this policy to use an individual's submission to or rejection of harassing conduct as the basis for any employment decision affecting the individual.
3. An employee who believes she, he or they have been subjected to harassment as defined in this policy shall promptly report the harassment to her, his or their supervisor and/or the director of human resources or designee. Action Target Inc. _____ (company name) will make reasonable efforts to insure that a human resources representative of each sex is available to receive such complaints. The human resources department shall conduct a thorough and prompt investigation and, if appropriate, take disciplinary action against any offender, including but not limited to discharge. Staff will keep the complaint as confidential as reasonably possible. No one will be retaliated against for filing a harassment complaint.

4. All supervisory personnel who observe or otherwise learn of or have reason to suspect any conduct which may violate this policy shall promptly report such facts to the director of human resources or designee, and shall cooperate fully in any investigation or disciplinary action undertaken pursuant to this policy. Failure to comply with this section shall be grounds for appropriate disciplinary action, up to and including termination.

5. Action Target Inc. _____ (company name) will provide regular training to employees and supervisors on the subject of harassment in the workplace. We will include information about this policy in our orientation and in our personnel policy. A copy of this policy will be posted on a prominent bulletin board. We take this matter seriously and will do all that is reasonably necessary to maintain a harassment-free workplace for our employees.



Signature

02/29/2024

Date

AFFIRMATIVE ACTION PLAN AND HARASSMENT POLICY CHECKLIST

NOTE: This is **not** an Affirmative Action Plan. This checklist is provided for organizations with existing affirmative action plans to crosscheck their plans against the City's requirements. Each item listed below is required by City ordinance or regulation.

Contractor: Plan MUST Include:	Yes	No	Comments:
Policy statement of equal employment opportunity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Covers: Applicants for employment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Employees	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
On basis of: Race	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Religion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Color	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Sex	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
National Origin	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Ancestry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Disability	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Sexual Orientation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Gender Identity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Veteran Status	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Housing Status	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Designates a person responsible for implementation of the Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Provides for communication of the policy:			
Within the Organization	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Outside the Organization (e.g., recruitment sources, unions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Applies to all terms and conditions of employment (e.g., hiring, placement, promotion, duties, wages, benefits, use of facilities, layoff, discipline, termination)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Provision for: Recruitment from minority groups	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Provision for: Equal access to training programs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Grievance Procedure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Prohibits retaliation for filing grievances	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Workforce Breakdown (figures up to date within 6 months)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

HARASSMENT POLICY CHECKLIST

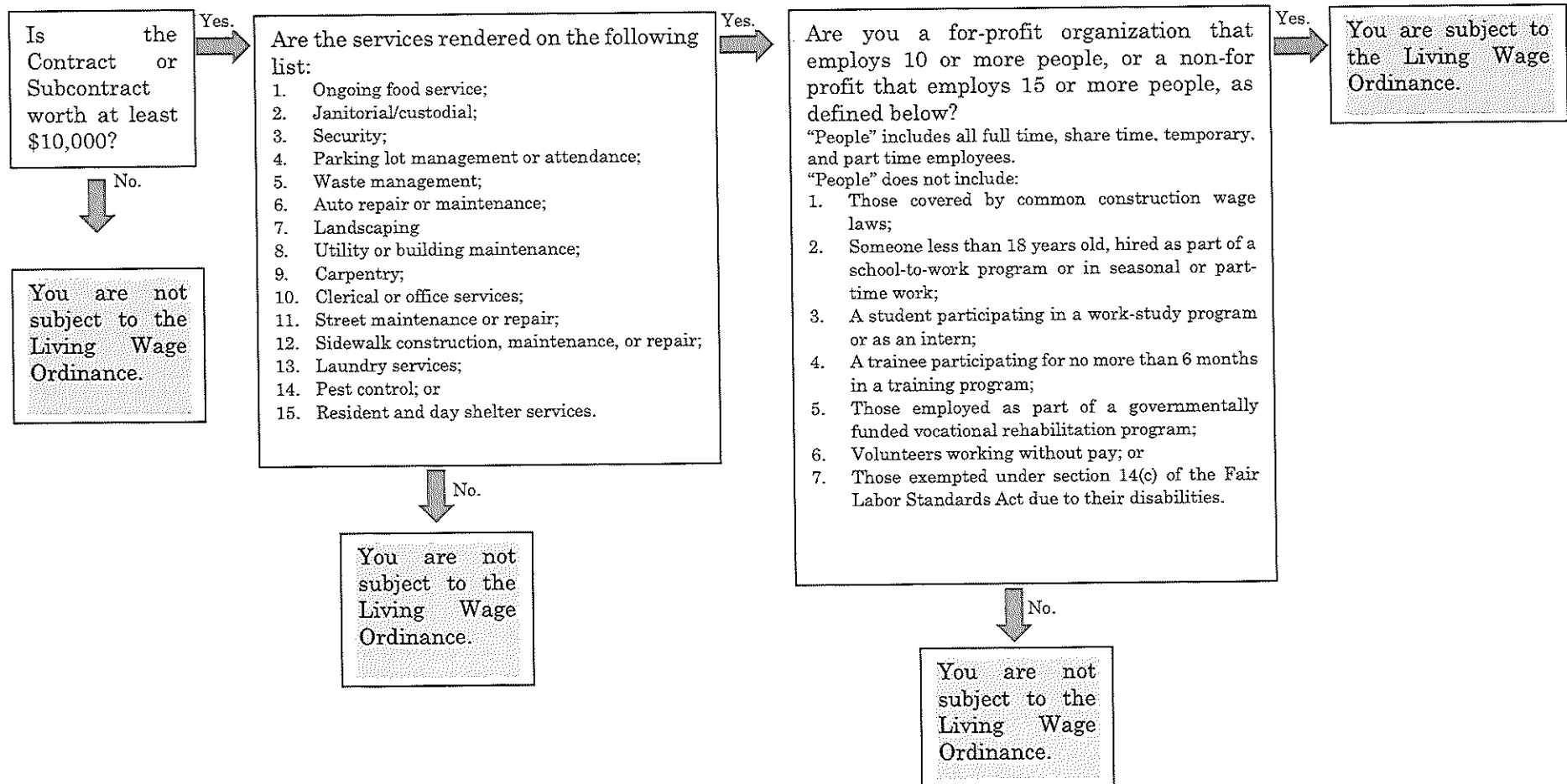
Definition of harassment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Designates a person to receive and investigate harassment complaints	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Prohibits retaliation for filing a harassment complaint	<input checked="" type="checkbox"/>	<input type="checkbox"/>

The City of Bloomington (CoB) Living Wage Ordinance (LWO) applies to three groups of employers:

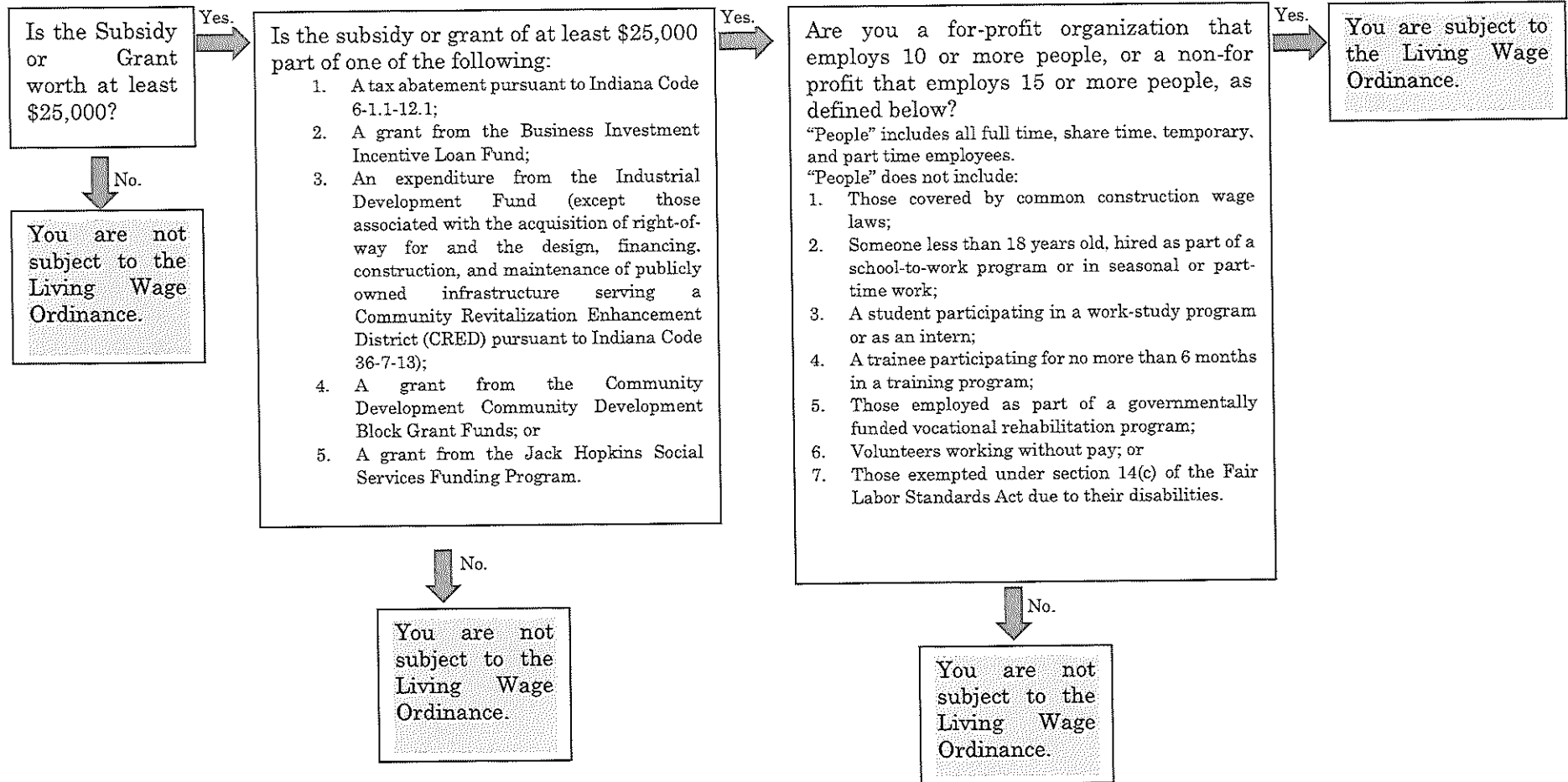
- 1) The CoB;
- 2) Companies that provide services to the CoB through contracts or subcontracts; or
- 3) Organizations that receive CoB subsidies or grants.

As an employer under categories 2 or 3, you may or may not be subject to the LWO. To find out, follow the applicable flow chart, below, or contact the City Legal Department.

Companies that Provide Services to the CoB through Contracts or Subcontracts ("Agreement")



Companies or Organizations that Receive CoB Subsidies or Grants





Board of Public Works Staff Report

Project/Event: Memorandum of Understanding between the County of Monroe and the City of Bloomington Regarding Monroe County's Karst Farm Greenway Connector Project

Petitioner/Representative: Engineering Department

Staff Representative: Neil Kopper, Senior Project Engineer

Date: 3/12/2024

Report: The Karst Farm Greenway project is a County project that includes installation of multiuse path along sections of Liberty Drive and Constitution Avenue that are within City jurisdiction. The project also installs a new traffic signal at the intersection of Liberty Drive and Constitution Avenue, which is City jurisdiction. This MOU temporarily transfers the City owned and maintained portions of this project (Liberty Drive and Constitution Avenue) to the County until the City accepts these facilities back upon successful completion of the project. The MOU includes hold harmless language, requirements that the County maintain and operate the ROW, and directions to provide the City opportunities to inspect and participate in the project. Project construction is expected to be substantially complete in November 2024.

**MEMORANDUM OF UNDERSTANDING
BETWEEN THE COUNTY OF MONROE AND THE CITY OF BLOOMINGTON
REGARDING MONROE COUNTY’S KARST FARM GREENWAY
CONNECTOR PROJECT**

This Memorandum of Understanding (hereinafter MOU), is made and entered into this ____ day of _____, 20____, by and between the County of Monroe, Indiana, through its Board of County Commissioners (hereinafter the COUNTY) and the City of Bloomington, Indiana, through its Board of Public Works (hereinafter the CITY),

WITNESSETH:

WHEREAS, the COUNTY is moving forward with an improvement project named Karst Farm Greenway Connector (hereinafter the PROJECT); and,

WHEREAS, the total cost for this PROJECT, including costs for Metropolitan Planning Organization, shall be borne by either INDOT and/or the COUNTY; and,

WHEREAS, the PROJECT includes Liberty Drive from SR45/Bloomfield Road to Constitution Avenue as well as Constitution Avenue from Liberty Drive to Curry Pike and is anticipated to be completed in November 2024; and,

WHEREAS, while the CITY is not a party to this PROJECT, the parameters of this PROJECT include facilities within the CITY’s jurisdiction; and,

WHEREAS, the CITY facilities impacted by this PROJECT include approximately 2,300 feet of Liberty Drive, approximately 800 feet of Constitution Avenue, and the intersection of Liberty Drive at Constitution Avenue (hereinafter FACILITIES); and,

WHEREAS, while the CITY does not wish to impede the PROJECT, the CITY and COUNTY (hereinafter the PARTIES) acknowledge the authority of the CITY to determine and to provide the COUNTY with instruction regarding the manner in which the FACILITIES are allowed to be constructed and/or modified during this PROJECT; and,

WHEREAS, this MOU reflects the agreement between the CITY and the COUNTY regarding the construction of this PROJECT upon areas within CITY jurisdiction.

NOW, THEREFORE, in consideration of the mutual covenants herein contained, the PARTIES hereto agree as follows:

1. The construction of the PROJECT will require the CITY to temporarily transfer the FACILITIES described and depicted on Exhibit A to the COUNTY. Exhibit A is attached hereto and incorporated herein as though fully set forth.

2. This transfer shall become effective on the date the Notice to Proceed is issued to the PROJECT contractor.
3. Upon the effective date of this MOU (Paragraph 2), the COUNTY shall incur the expense of maintaining and operating the FACILITIES, including but not limited to the maintenance and operation of all right-of-way, road surface and sidewalks. The COUNTY's responsibility as described above will not include the CITY's routine and preventative maintenance within the boundaries of the FACILITIES. The COUNTY will be responsible only for construction of the PROJECT and repairing any damage related to the PROJECT. The COUNTY shall work in conjunction with the CITY to report any damage incurred unrelated to the PROJECT and shall allow the CITY's performance of maintenance operations.
4. Upon the effective date of this MOU (Paragraph 2), the COUNTY shall be responsible for monitoring, permitting, and inspecting all work within the boundaries of the FACILITIES. The COUNTY's responsibility as described above shall include work directly related to the PROJECT as well as review and issuance of any right-of-way permit applications submitted by utilities or private entities for unrelated work within the FACILITIES. The COUNTY shall require and ensure that all work within the FACILITIES complies with CITY standards. The COUNTY shall work in conjunction with the CITY regarding issuance of right-of-way permits and shall allow the CITY to perform inspections related to those permits.
5. During the period in which the FACILITIES are transferred to the COUNTY, all private development projects shall still be governed by the CITY's Unified Development Ordinance and shall still be reviewed and processed by the CITY following all typical standards and processes.
6. The PARTIES agree that during the construction of the PROJECT, the FACILITIES will continue to serve a local travel function and provide access to businesses. The COUNTY shall coordinate any full closures under the PROJECT with the CITY. The CITY shall designate to the COUNTY a CITY contact for coordinating any full closures.
7. Prior to PROJECT completion (i.e., upon the date of final acceptance by the COUNTY) and City acceptance, all property acquired within the area of this PROJECT for use as right of way to be maintained by the CITY shall be dedicated as public right of way.
8. Upon completion of the PROJECT and upon the CITY's determination that construction regarding the FACILITIES was performed in accordance with the terms of this MOU, the CITY will accept the return of the FACILITIES from the COUNTY and will assume all future maintenance and operation concerning the FACILITIES.

9. The PARTIES agree that the CITY may inspect the construction of the PROJECT at any time.
10. Transfer back of the FACILITIES from the COUNTY to the CITY shall not occur until the CITY has had an opportunity to inspect the FACILITIES and concurs that construction was performed in compliance with any applicable standards and specifications and in accordance with the PROJECT plans, as modified in accordance with all CITY comments provided to the COUNTY prior to the signing of this MOU, and any subsequent plan modifications which are agreed to by the PARTIES. The CITY shall conduct the inspections and shall make the determinations contemplated by this Paragraph promptly upon CITY's receipt of written notice from the COUNTY that the improvements are believed to be completed in accordance with the Standards, Specifications, and Laws incorporated into this MOU.
11. If said inspection finds any deficiencies, transfer of the FACILITIES from COUNTY to CITY shall not occur until the COUNTY remedies any and all deficiencies related to the PROJECT. Any latent deficiencies subsequently discovered in the FACILITIES within the applicable warranty periods extended to the COUNTY by PROJECT contractors shall be handled according to INDOT contract documents regarding the PROJECT.
12. Within a reasonable period of time after the date of transfer to the CITY, the COUNTY shall provide the CITY as-built plans and specifications of the FACILITIES.
13. The COUNTY agrees to indemnify and hold harmless the CITY, the Board of Public Works, and their officers, agents and employees from any and all claims, demands, damages, costs, expenses or other liability arising out of bodily injury or property damage (collectively "Claims") which occur as a result of the COUNTY's use, construction, modification, maintenance or operation of the FACILITIES under the PROJECT, from the effective date of this MOU (Paragraph 2) until the expiration of the period covering the discovery of any latent defects (Paragraph 9), to the extent of the negligence or contract breach of the COUNTY.
14. The COUNTY shall inform CITY no less than 48 hours of the occurrence of dates and times for PROJECT meetings so that the CITY may have representatives attend said meetings and be informed of the status of work regarding the FACILITIES.
15. This MOU, consisting of four (4) pages in total and one (1) incorporated exhibit, represents the entire understanding between the PARTIES relating to the PROJECT and supersedes any and all prior oral and/or written communications and understandings regarding the FACILITIES.
16. Any amendment or modification of this MOU must be in writing, be signed by duly authorized representatives of the PARTIES, and approved in the same manner as this MOU.

17. The signatories for the PARTIES warrant that they have been fully empowered by proper action to bind their respective unit to the terms and conditions set forth in this MOU.

IN WITNESS WHEREOF, the PARTIES hereto have executed this Memorandum of Understanding and caused their seals to be affixed and attested the day and year first written above.

(remainder of page left blank intentionally)

**MEMORANDUM OF UNDERSTANDING
BETWEEN THE COUNTY OF MONROE AND THE CITY OF BLOOMINGTON
REGARDING MONROE COUNTY’S KARST FARM GREENWAY
CONNECTOR PROJECT**

City of Bloomington, Indiana

Monroe County, Indiana

Board of Public Works

Board of County Commissioners

Kyla Cox Deckard, President

Julie Thomas, President

Elizabeth Karon, Vice President

Penny Githens, Vice President

James Roach, Secretary

Lee Jones, Member

Office of the Mayor

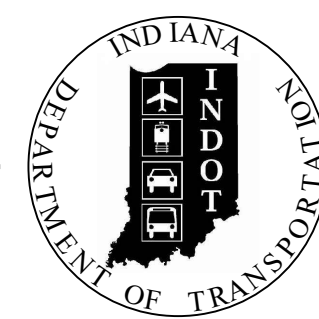
Attest:

Kerry Thomson, Mayor

Brienne Gregory,
Monroe County Auditor

PROJECT	DESIGNATION
1900405	1900405
CONTRACT	BRIDGE FILE
R-41898	N/A

INDIANA DEPARTMENT OF TRANSPORTATION



TRAIL PLANS KARST FARM GREENWAY CONNECTOR MONROE COUNTY

PROJECT NO. 1900405

P.E.
R/W
CONST.

DESIGN DATA: KARST FARM GREENWAY CONNECTOR	
DESIGN SPEED	15 MPH
PROJECT DESIGN CRITERIA	IDM CHAPTER 51
FUNCTIONAL CLASSIFICATION	MULTI-USE TRAIL
RURAL/URBAN	URBAN
TERRAIN	ROLLING
ACCESS CONTROL	NONE

TRAFFIC DATA		LIBERTY DRIVE	
A.A.D.T. (2020)	814	V.P.D.	
A.A.D.T. (2042)	974	V.P.D.	
D.H.V. (2042)	50	V.P.H.	
DIRECTIONAL DISTRIBUTION	50	%	
TRUCKS	5	% A.A.D.T.	
	5	% D.H.V.	

DESIGN DATA	
DESIGN SPEED	25
PROJECT DESIGN CRITERIA	4R RECONSTRUCTION NON-FREEWAY
FUNCTIONAL CLASSIFICATION	LOCAL
RURAL/URBAN	URBAN (BUILT-UP)
TERRAIN	LEVEL
ACCESS CONTROL	NONE

MONROE COUNTY BOARD OF COMMISSIONERS

Penny Githens
PENNY GITHENS, PRESIDENT

Julie Thomas
JULIE THOMAS, VICE PRESIDENT

Elizabeth Lee Jones
ELIZABETH LEE JONES, MEMBER

ERC
Lisa Ridge
LISA RIDGE, HIGHWAY DIRECTOR, ERC

Paul Satterly
PAUL SATTERLY, P.E., COUNTY ENGINEER

GROSS LENGTH: 1.25 mi
NET LENGTH: 1.25 mi

MULTI-USE TRAIL BEGINNING AT KARST FARM GREENWAY AND ENDING AT SR 45, IN SECTIONS 1 & 12, TOWNSHIP 8 NORTH, RANGE 2 WEST, VAN BUREN TOWNSHIP, MONROE COUNTY, CITY OF BLOOMINGTON, INDIANA

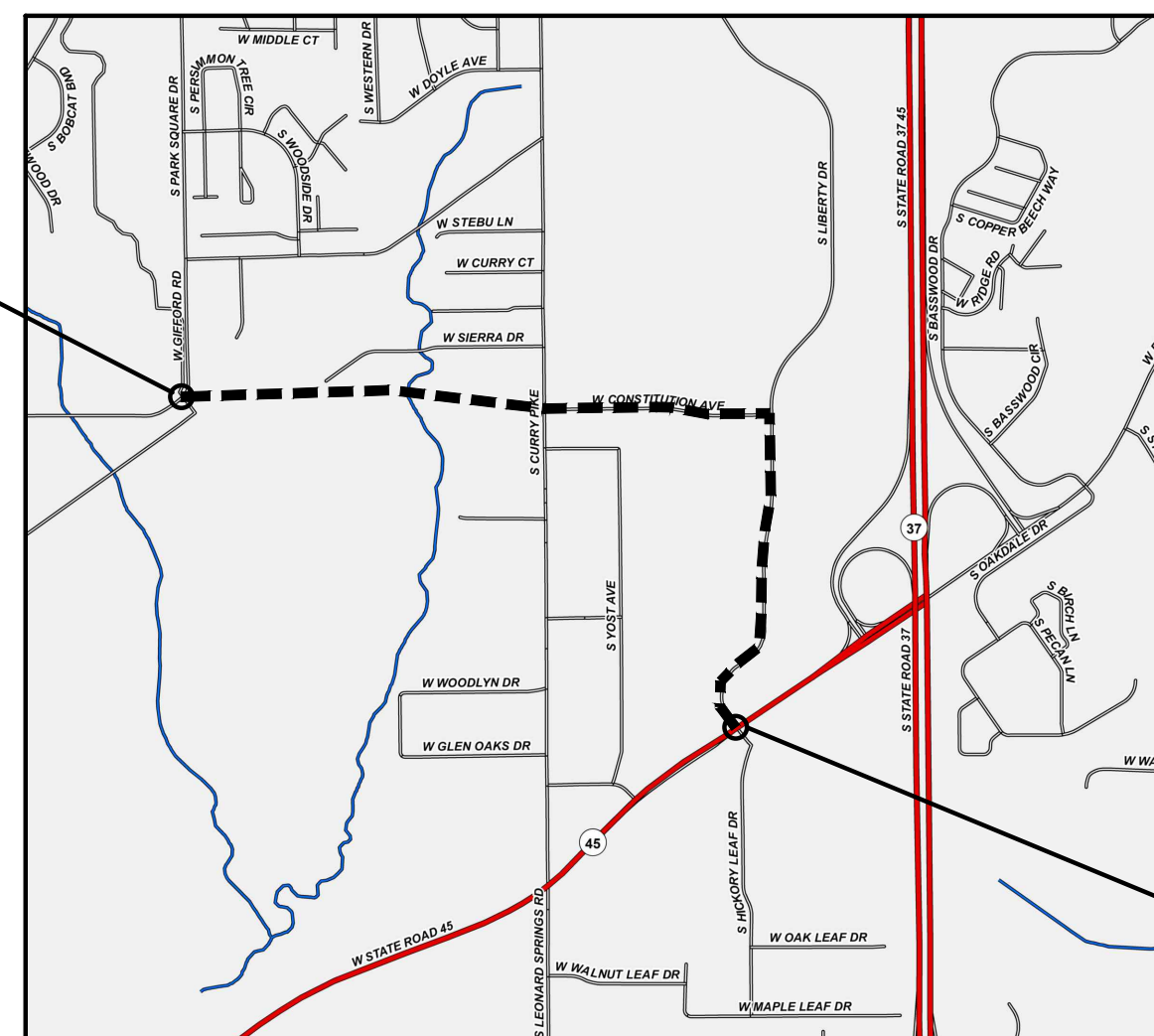
PLAN { LONG:- 1"=20'
TRANS:- 1"=20' } SCALES: PROFILE { HORIZ:- 1"=20'
VERT:- 1"=10' } MAX. GRADE: 6.99%

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES.

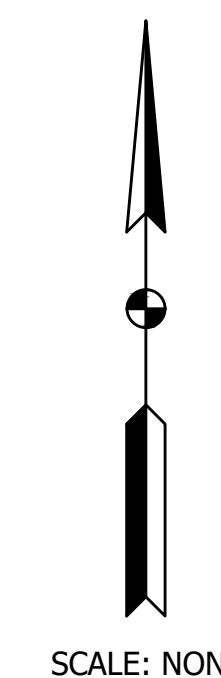


CAUTION
LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

BEGIN PROJECT
P.O.T. Sta. 10+37.70 "PR-A"



VICINITY MAP
MONROE COUNTY



SCALE: NONE

END PROJECT
P.O.T. Sta. 82+71.44 "A"

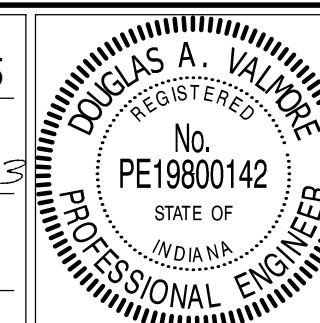


PROJECT LOCATION SHOWN BY

BEGIN PROJECT LATITUDE: 39°09'04" N.	LONGITUDE: 86°35'29" W.
END PROJECT LATITUDE: 39°08'43" N.	LONGITUDE: 86°34'40" W.

INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2024 TO BE USED WITH THESE PLANS.

PLANS PREPARED BY: Butler Fairman and Seufert Inc. (317)713-4615
PHONE
CERTIFIED BY: *Doug A. Valupe* 9/5/2023 DATE
APPROVED FOR LETTING: INDIANA DEPARTMENT OF TRANSPORTATION DATE

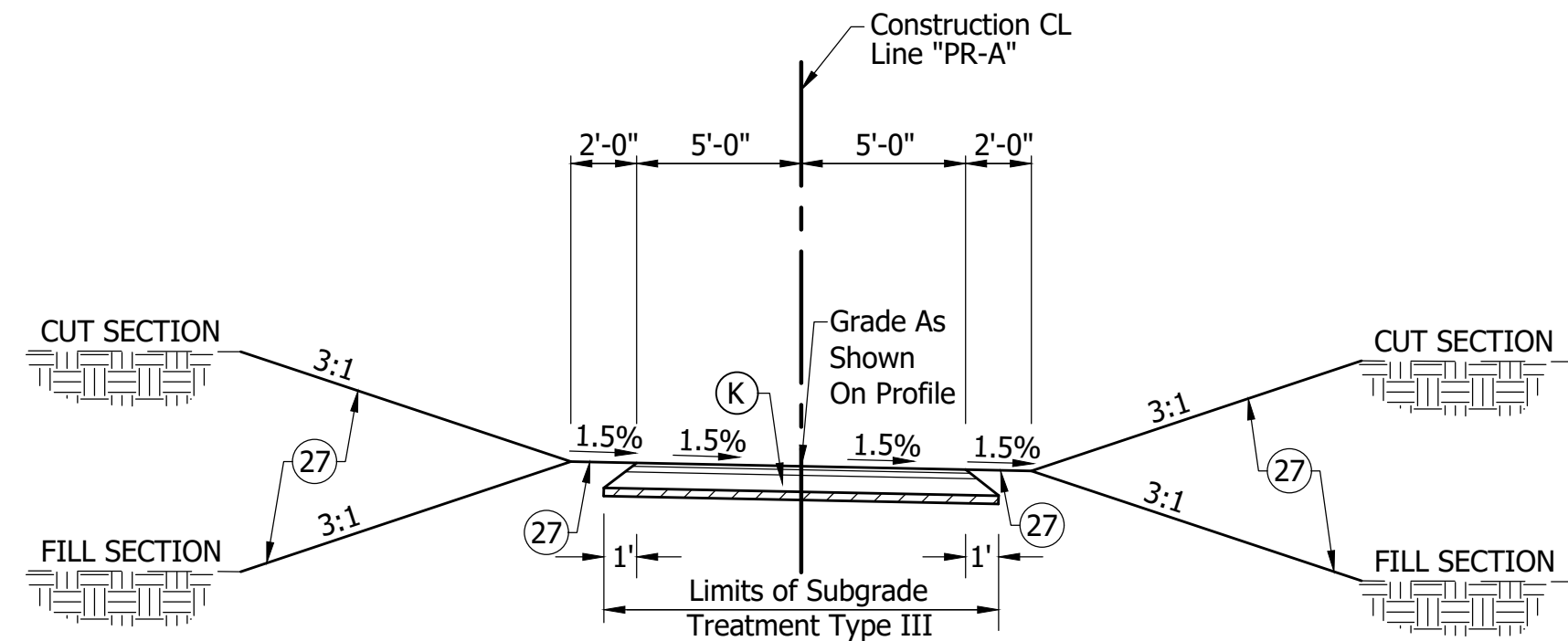


BRIDGE FILE	
DESIGNATION	
1900405	
SURVEY BOOK	SHEET
ELECTRONIC 01	OF 106
CONTRACT	PROJECT
R-41898	1900405

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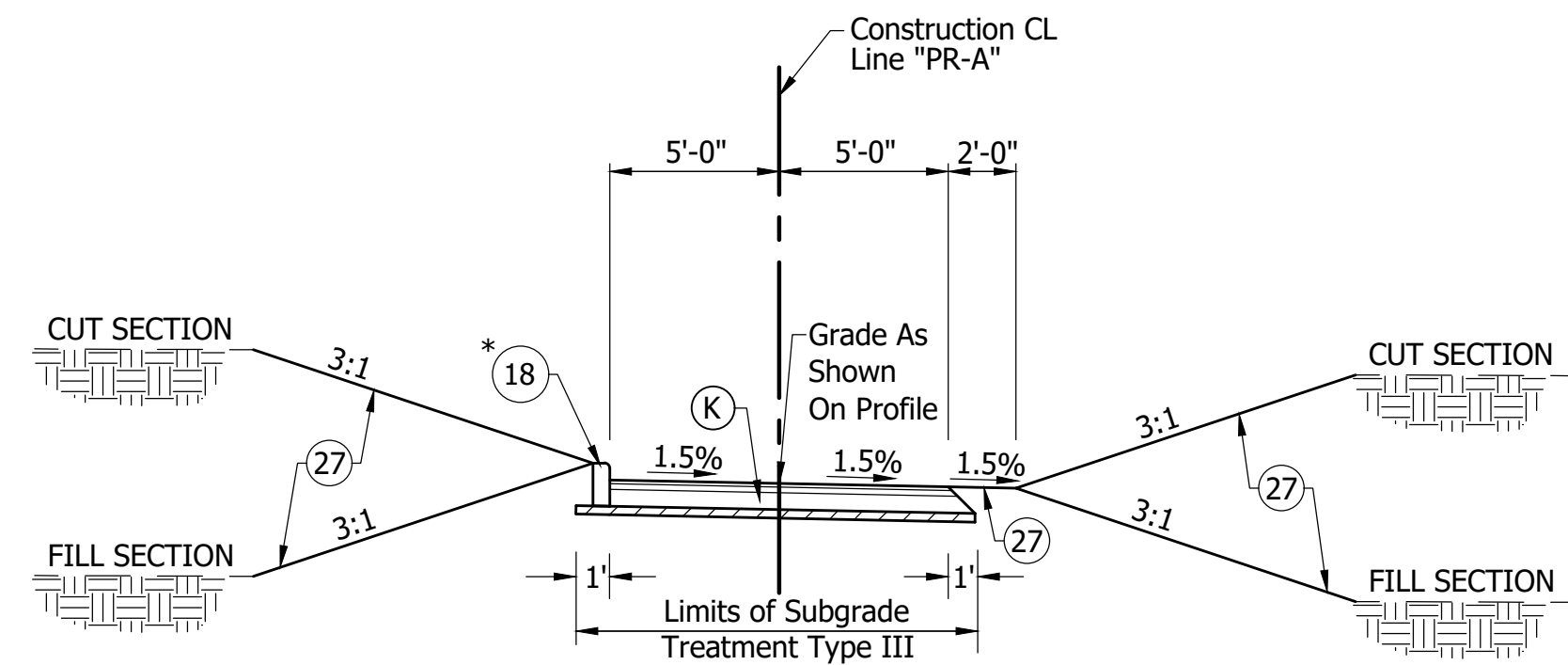
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I:\b5n1241\jbs5\660200.0000\ProDevelopment\Design\Drawings\660200.00_211.dwg Douglas A. Valmore Plot: 11/29/2023 10:17 AM Save: 11/29/2023 10:10 AM



TYPICAL TRAIL CROSS SECTION
LEFT TO RIGHT
Scale: 3/16" = 1'-0"

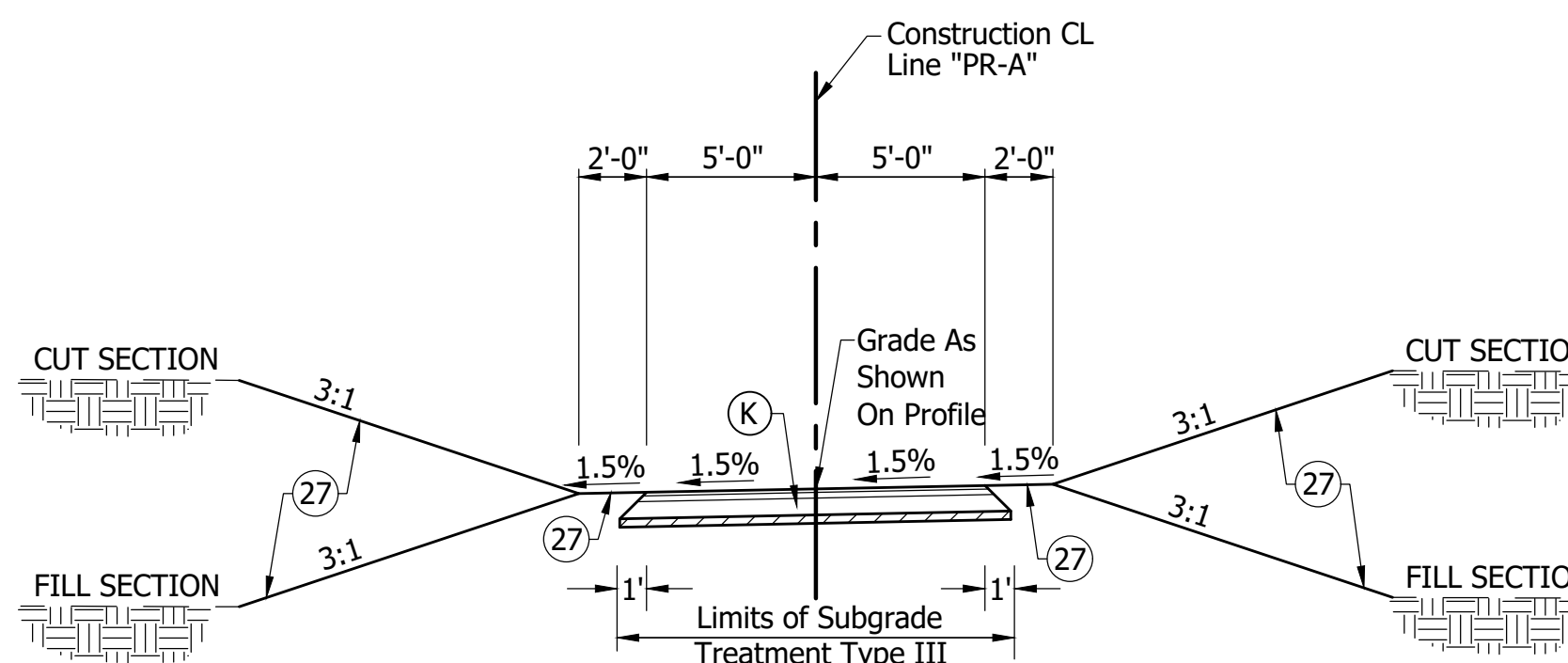
Sta. 10+37.70 "PR-A" To Sta. 16+25.00 "PR-A"
Sta. 18+96.00 "PR-A" To Sta. 22+85.00 "PR-A"
Sta. 23+10.00 "PR-A" To Sta. 23+74.00 "PR-A"
Sta. 26+67.89 "PR-A" To Sta. 34+83.22 "PR-A"
Sta. 35+11.87 "PR-A" To Sta. 35+56.00 "PR-A"



TYPICAL TRAIL CROSS SECTION
LEFT TO RIGHT
Scale: 3/16" = 1'-0"

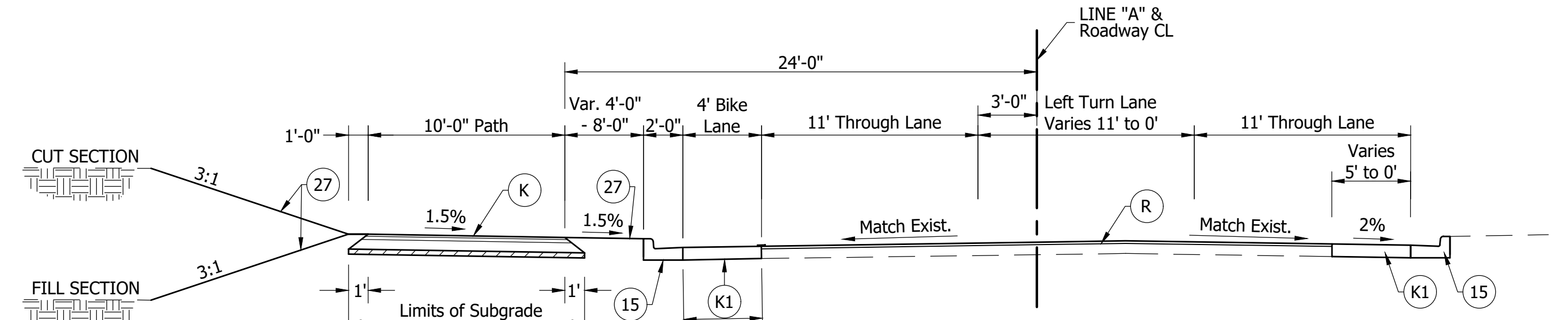
Sta. 22+85.00 "PR-A" To Sta. 23+10.00 "PR-A"

* See Plan & Profile Sheets for Curb Limits

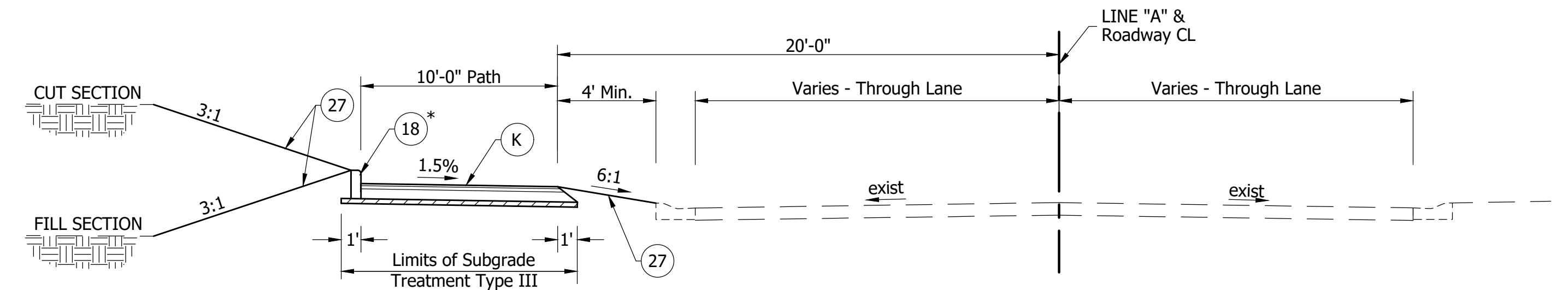


TYPICAL TRAIL CROSS SECTION
RIGHT TO LEFT
Scale: 3/16" = 1'-0"

Sta. 16+25.00 "PR-A" To Sta. 18+96.00 "PR-A"
Sta. 23+74.00 "PR-A" To Sta. 25+27.89 "PR-A"

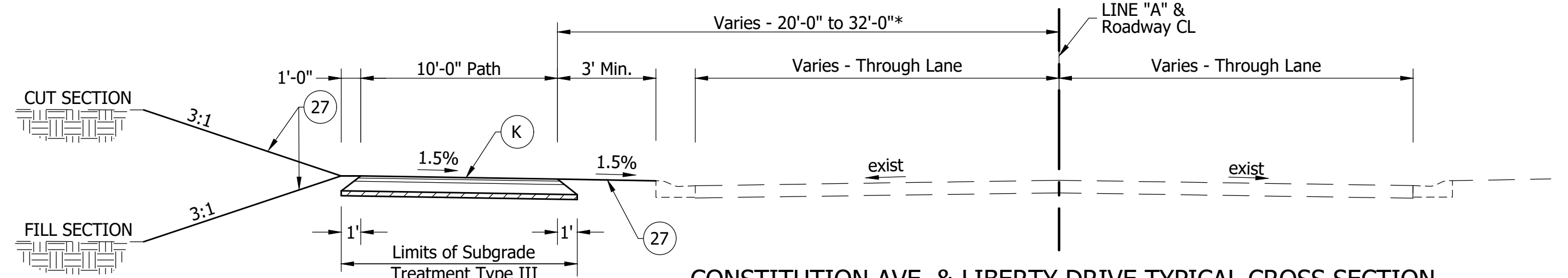


LIBERTY DR. TYPICAL CROSS SECTION
Scale: 3/16" = 1'-0"
Sta. 59+26.00 "A" to Sta. 61+57.26 "A"



CURB-EDGE TYPICAL CROSS SECTION
Scale: 3/16" = 1'-0"
Sta. 50+75.00 "A" to Sta. 58+75 "A"

* See Plan & Profile Sheets for Curb Limits



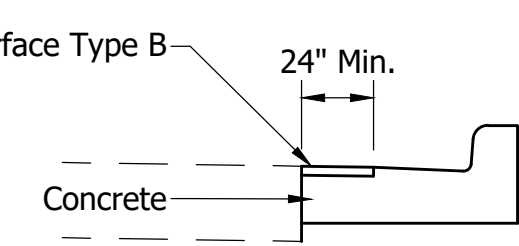
CONSTITUTION AVE. & LIBERTY DRIVE TYPICAL CROSS SECTION
Scale: 3/16" = 1'-0"

Sta. 43+39 "A" to Sta. 50+75 "A"
Sta. 61+57.26 "A" to Sta. 76+50 "A"
Sta. 76+50 "A" to Sta. 82+71 "A"

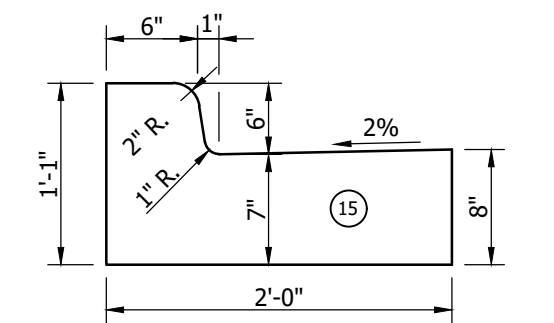
*See Plan & Profile Sheets for Offset Limits

LEGEND

- (K) HMA for Sidewalk Consisting of:
165 #/sys HMA Surface, Type B on
275 #/sys HMA Intermediate, Type B on
6" Compacted Aggregate for Base, #53 on
Subgrade Treatment Type III
- (K1) HMA for Patching Consisting of:
165 #/sys HMA Surface, Type B, on
275 #/sys HMA Intermediate, Type B, on
660 #/sys HMA Base, Type B, on
Subgrade Treatment Type II
- (15) Combined Concrete Curb & Gutter
- (18) 8" Concrete Curb
- (27) Seed Mixture, "U"
- (R) HMA for Approaches Consisting of:
1 1/2" Milling &
165 #/sys HMA Surface, Type B

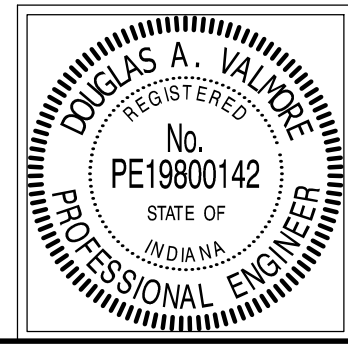


CURB PATCHING DETAIL
Not to Scale



24" COMBINED CONCRETE CURB AND GUTTER
Not to Scale

NOTE: Applies To All
Proposed Work
Adjacent To Existing
Pavement

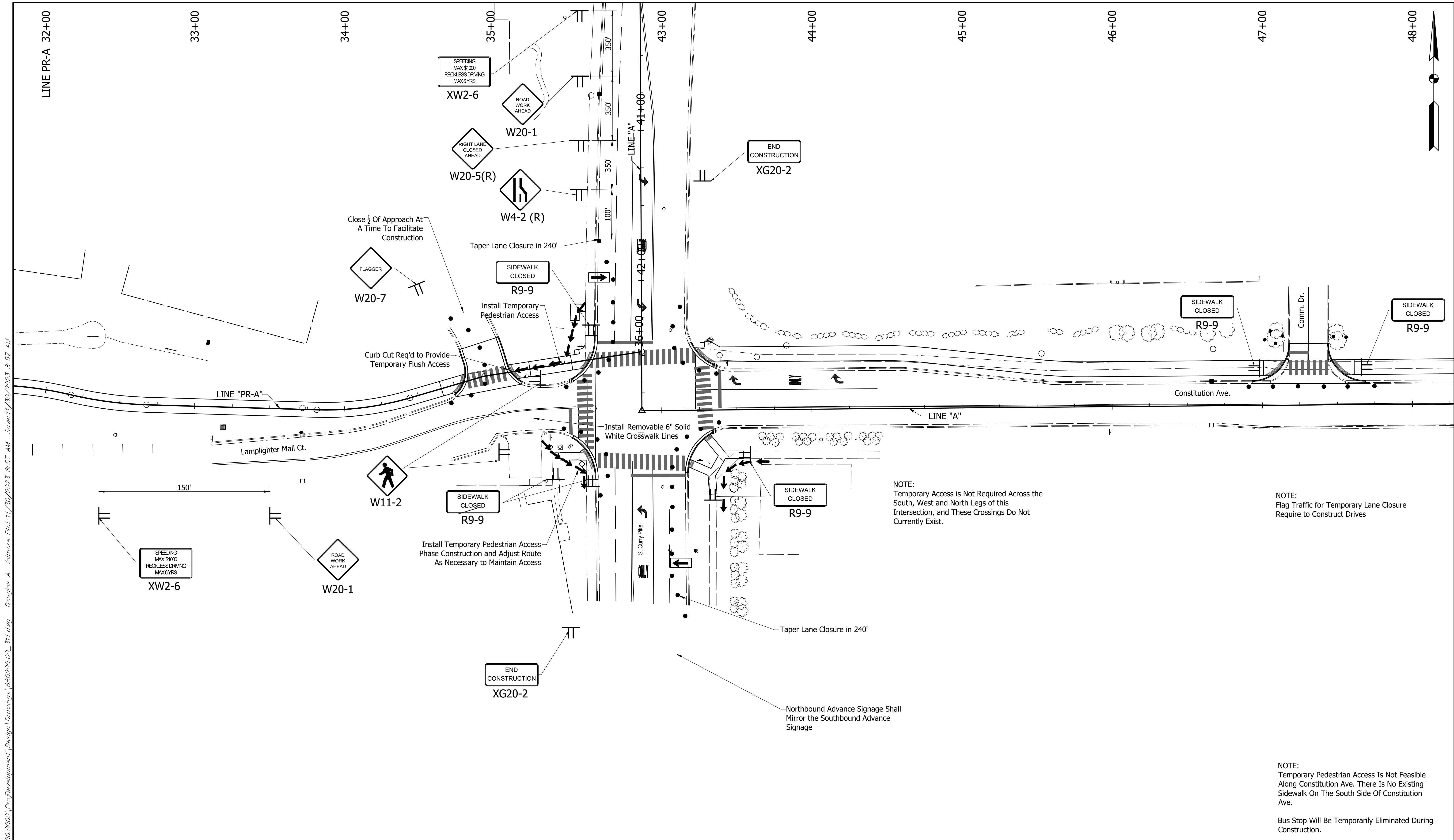


RECOMMENDED FOR APPROVAL: *Douglas A. Valmore* 9/5/2023
DESIGN ENGINEER DATE
DESIGNED: DAV DRAWN: JDW
CHECKED: AH CHECKED: DAV

INDIANA
DEPARTMENT OF TRANSPORTATION
KARST FARM GREENWAY CONNECTOR
TYPICAL SECTIONS

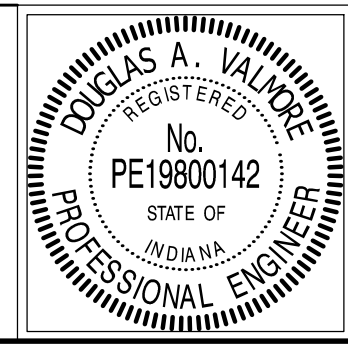
HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	
VERTICAL SCALE	DESIGNATION
N/A	1900405
SURVEY BOOK	SHEET
ELECTRONIC	03 OF 106
CONTRACT	PROJECT
R-41898	1900405

BFS NO. 660200.0000



I:\b\1241\jbs5\660200.0000\ProjectDevelopment\Design\Drawings\660200.00_311.dwg Douglas A. Valmore Plot: 11/30/2023 8:57 AM Save: 11/30/2023 8:57 AM

- LEGEND**
- CHANNELIZING DEVICE @ 35' SPA.
 - ⇄ FLASHING ARROW BOARD
 - ⏏ TRAFFIC SIGN
 - ➔ TEMPORARY PEDESTRIAN ACCESS ROUTE



RECOMMENDED FOR APPROVAL: *Doug Valmore* 9/5/2023
 DESIGN ENGINEER DATE
 DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

INDIANA
DEPARTMENT OF TRANSPORTATION
KARST FARM GREENWAY CONNECTOR
MAINTENANCE OF TRAFFIC

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE
VERTICAL SCALE NA	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 04 OF 106
CONTRACT R-41898	PROJECT 1900405

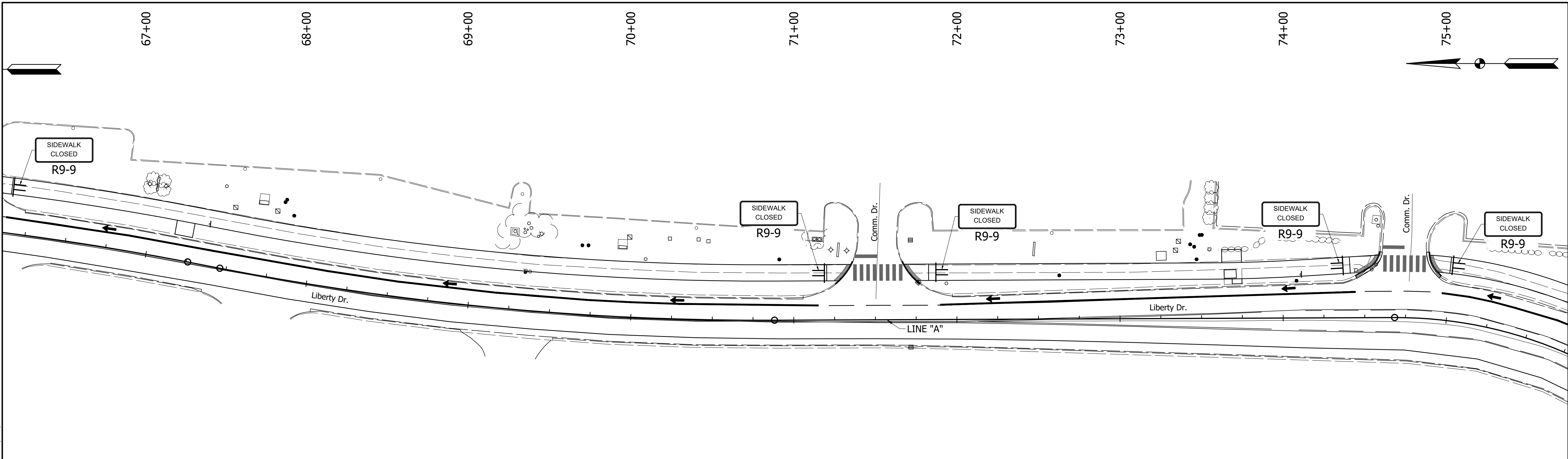
NOTE:
Temporary Access is Not Required Across the South, West and North Legs of this Intersection, and These Crossings Do Not Currently Exist.

NOTE:
Flag Traffic for Temporary Lane Closure Require to Construct Drives

NOTE:
Temporary Pedestrian Access Is Not Feasible Along Constitution Ave. There Is No Existing Sidewalk On The South Side Of Constitution Ave.

Bus Stop Will Be Temporarily Eliminated During Construction.

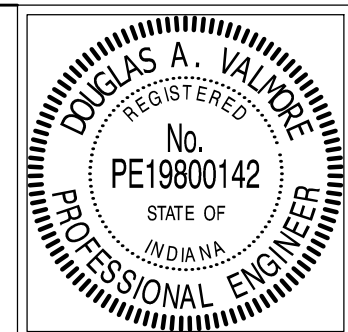
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LEGEND

- CHANNELIZING DEVICE @ 40' SPA.
- TT TRAFFIC SIGN
- ➔ TEMPORARY PEDESTRIAN ACCESS ROUTE

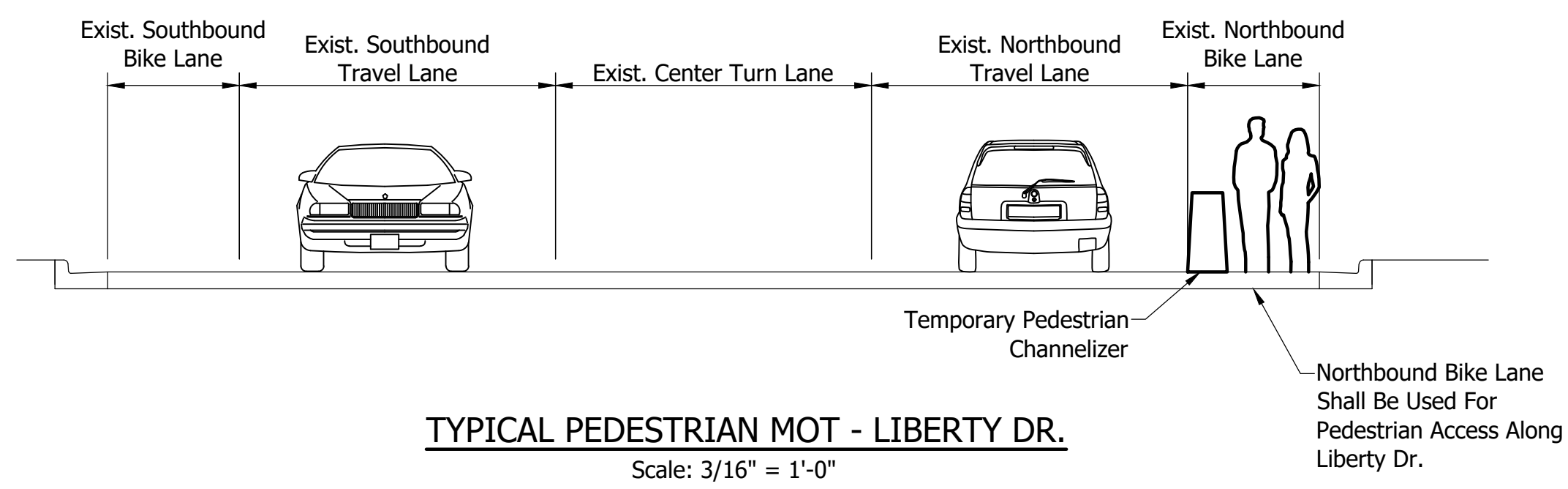
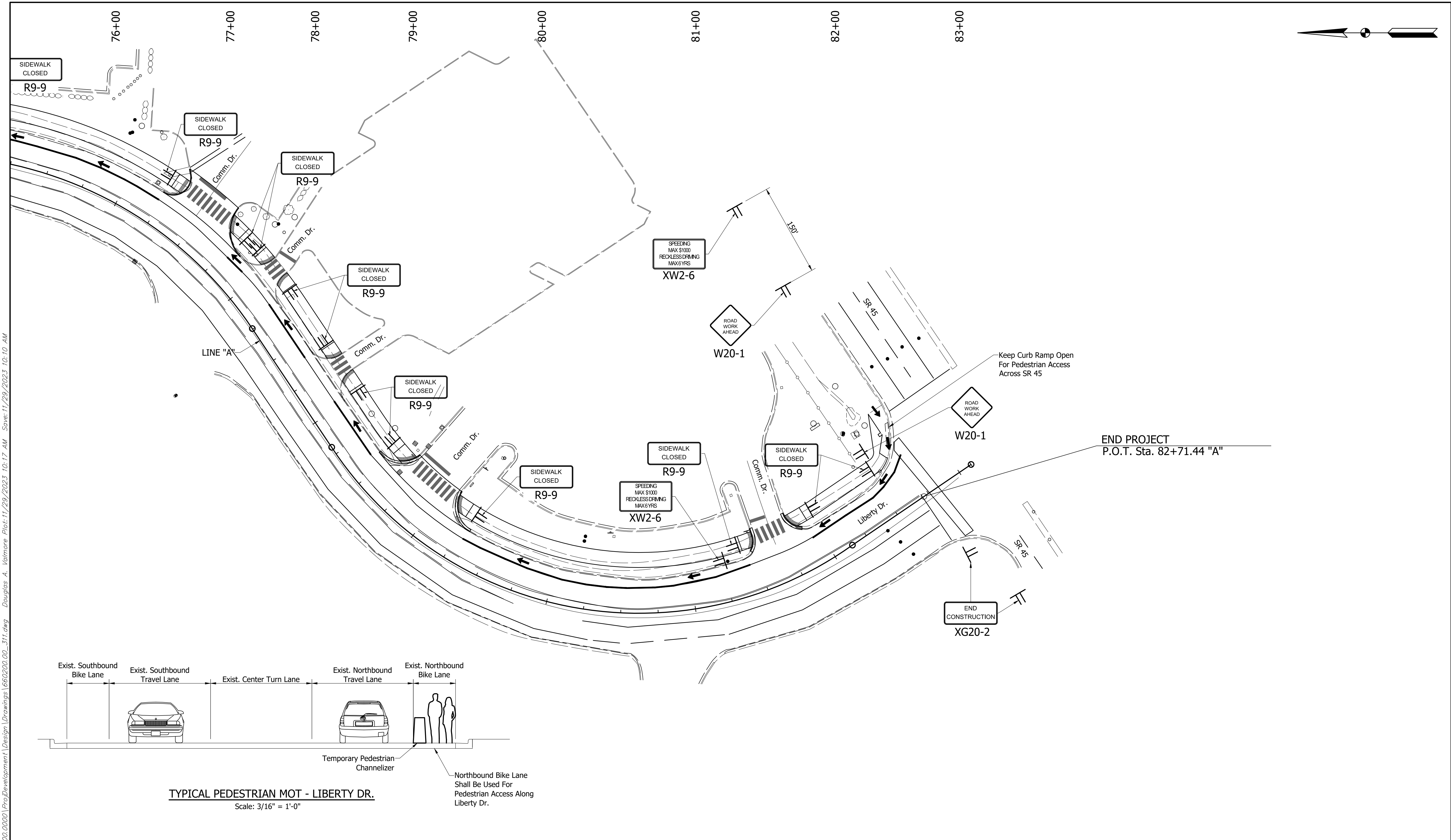


RECOMMENDED FOR APPROVAL: *Ray Kato* 9/5/2023
 DESIGN ENGINEER DATE
 DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

INDIANA
DEPARTMENT OF TRANSPORTATION
KARST FARM GREENWAY CONNECTOR
MAINTENANCE OF TRAFFIC

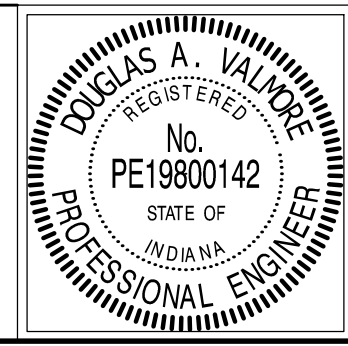
HORIZONTAL SCALE 1" = 30'	BRIDGE FILE
VERTICAL SCALE NA	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 06 OF 106
CONTRACT R-41898	PROJECT 1900405

BFS NO. 660200.0000



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- LEGEND**
- CHANNELIZING DEVICE @ 40' SPA.
 - TEMPORARY PEDESTRIAN CHANNELIZER
 - TT TRAFFIC SIGN
 - ➔ TEMPORARY PEDESTRIAN ACCESS ROUTE



RECOMMENDED FOR APPROVAL: *Douglas A. Valmore* 9/5/2023
DESIGN ENGINEER DATE

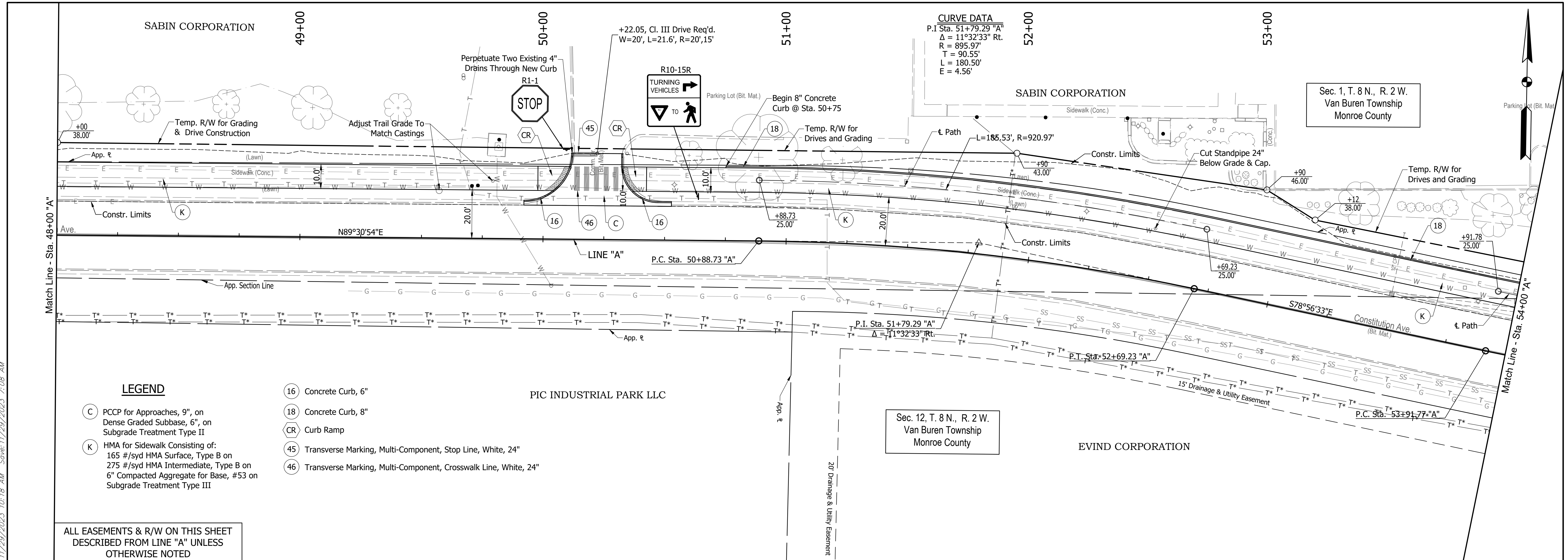
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CHECKED: AH CHECKED: DAV

INDIANA
DEPARTMENT OF TRANSPORTATION

KARST FARM GREENWAY CONNECTOR
MAINTENANCE OF TRAFFIC

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE
VERTICAL SCALE NA	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 07 OF 106
CONTRACT R-41898	PROJECT 1900405

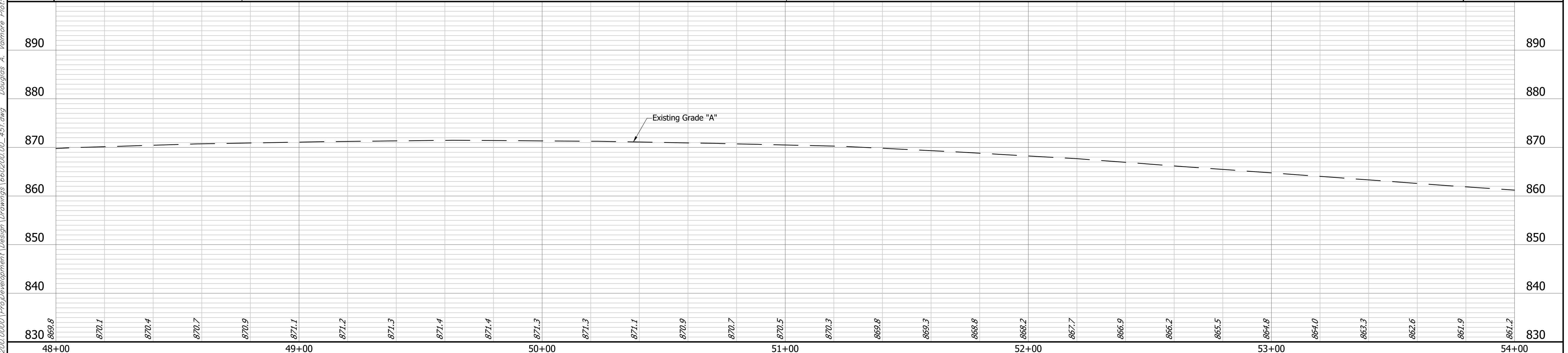
660200.0000
BFS NO.



LEGEND

- (C) PCCP for Approaches, 9", on Dense Graded Subbase, 6", on Subgrade Treatment Type II
- (K) HMA for Sidewalk Consisting of: 165 #/syd HMA Surface, Type B on 275 #/syd HMA Intermediate, Type B on 6" Compacted Aggregate for Base, #53 on Subgrade Treatment Type III
- (16) Concrete Curb, 6"
- (18) Concrete Curb, 8"
- (CR) Curb Ramp
- (45) Transverse Marking, Multi-Component, Stop Line, White, 24"
- (46) Transverse Marking, Multi-Component, Crosswalk Line, White, 24"

ALL EASEMENTS & R/W ON THIS SHEET DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED

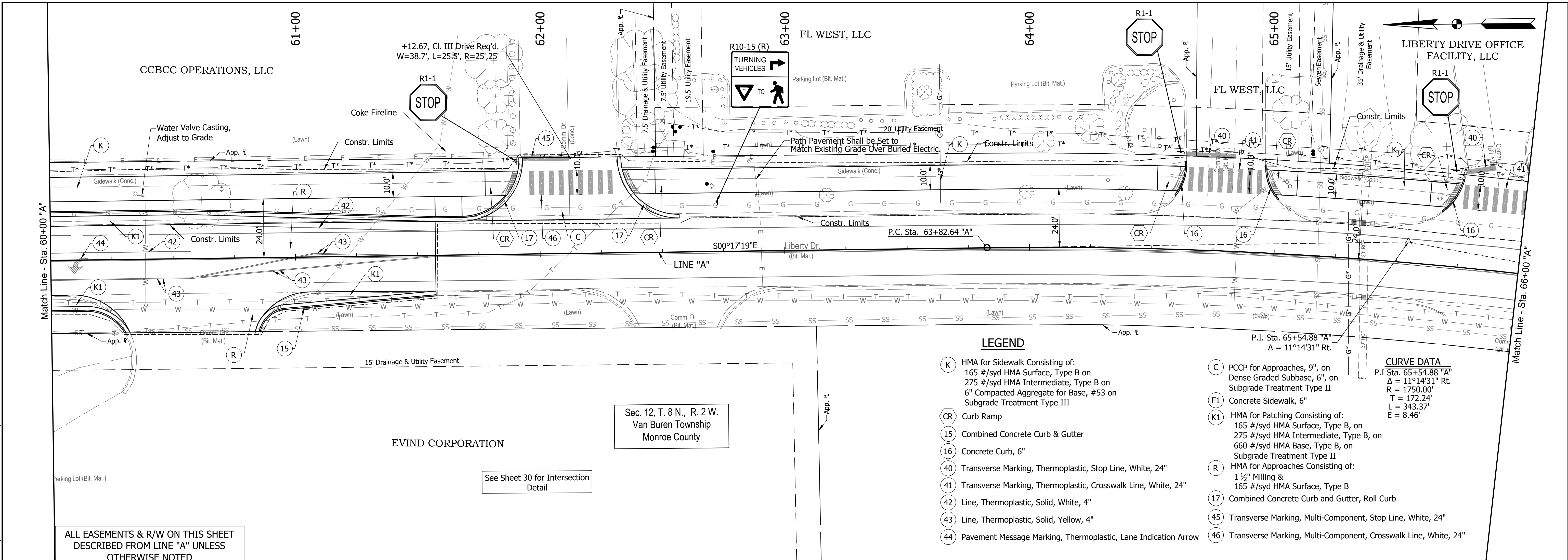


<p>310</p> <p>1. Map Scale: 1" = 20' (Horizontal), 1" = 10' (Vertical) 2. Map Scale: 1" = 20' (Horizontal), 1" = 10' (Vertical) 3. Top Cor. Lowest H. Wall (Cont.) = +9.50' - 60" Ar. O.P.D.T. Sta. 51+93.14 "A", 24.27' Lt. Map Scale: 1" = 20' (Horizontal), 1" = 10' (Vertical)</p>	<p>N: 19,483,800 E: 767,938,971</p>	<p>INDIANA REGISTERED PROFESSIONAL ENGINEER No. PE19800142 Douglas A. Valucke</p>	<p>RECOMMENDED FOR APPROVAL: <i>Douglas A. Valucke</i> 9/5/2023 DESIGN ENGINEER DATE</p> <p>DESIGNED: DAV DRAWN: JDW CHECKED: AH CHECKED: DAV</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION KARST FARM GREENWAY CONNECTOR PLAN & PROFILE LINE "A"</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE 1" = 20'</td> <td>BRIDGE FILE</td> </tr> <tr> <td>VERTICAL SCALE 1" = 10'</td> <td>DESIGNATION 1900405</td> </tr> <tr> <td>SURVEY BOOK ELECTRONIC</td> <td>SHEET OF 106</td> </tr> <tr> <td>CONTRACT R-41898</td> <td>PROJECT 1900405</td> </tr> </table>	HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	VERTICAL SCALE 1" = 10'	DESIGNATION 1900405	SURVEY BOOK ELECTRONIC	SHEET OF 106	CONTRACT R-41898	PROJECT 1900405
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VERTICAL SCALE 1" = 10'	DESIGNATION 1900405												
SURVEY BOOK ELECTRONIC	SHEET OF 106												
CONTRACT R-41898	PROJECT 1900405												

I:\b\1241\jobs\660200.0000\ProDevelopment\Design\Drawings\660200.00_451.dwg Douglas A. Valucke Plot: 11/29/2023 10:18 AM Save: 11/29/2023 7:08 AM

BFS NO. 660200.0000

I:\b\1241\jobs5\660200.0000\ProDevelopment\Design\Drawings\660200.00_451.dwg Douglas A. Valmore Plot: 11/29/2023 10:18 AM Save: 11/29/2023 7:08 AM

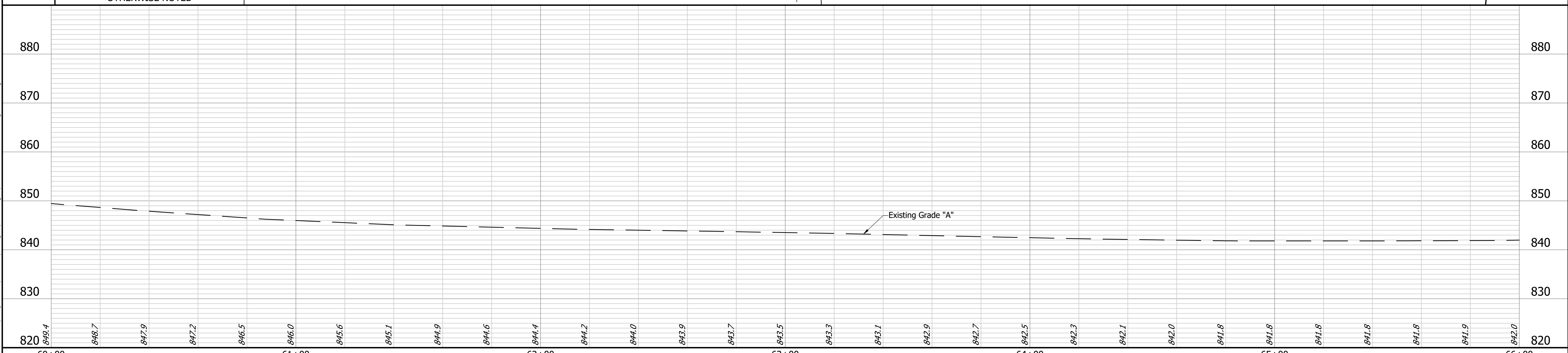


ALL EASEMENTS & R/W ON THIS SHEET DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED

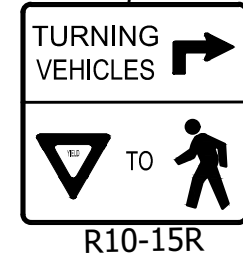
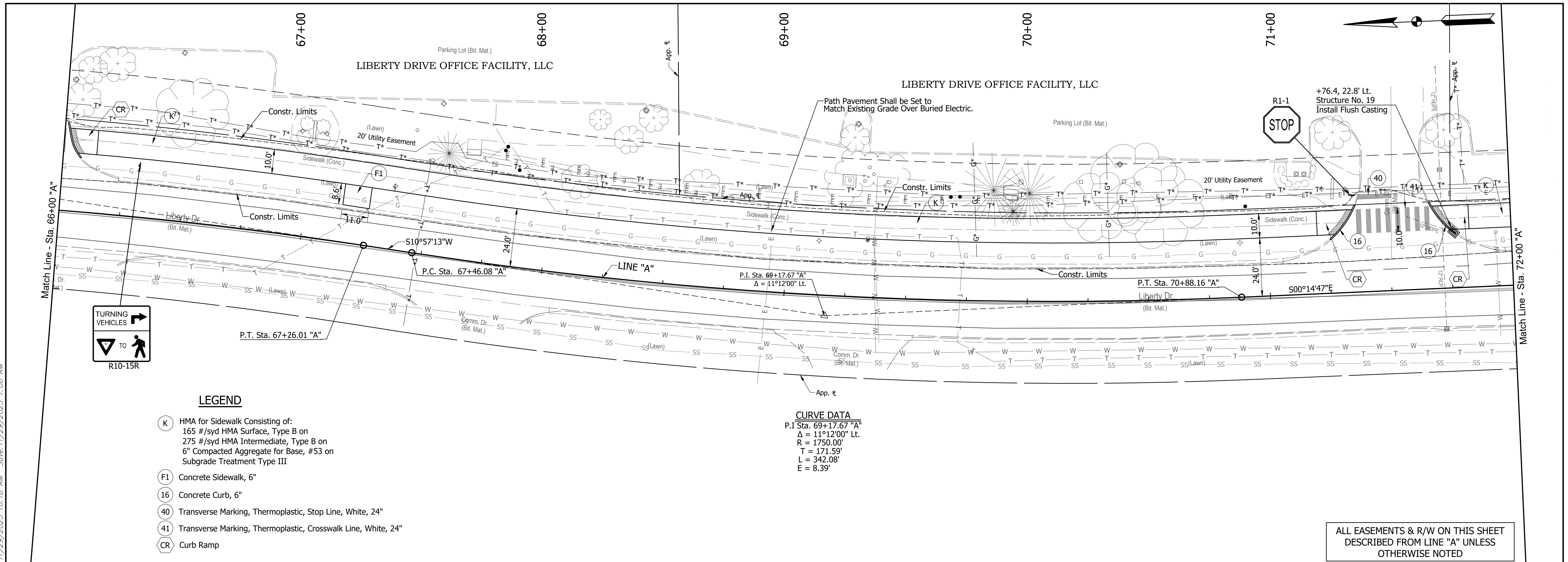
See Sheet 30 for Intersection Detail

Sec. 12, T. 8 N., R. 2 W.
Van Buren Township
Monroe County

- LEGEND**
- (K) HMA for Sidewalk Consisting of:
165 #/syd HMA Surface, Type B on
275 #/syd HMA Intermediate, Type B on
6" Compacted Aggregate for Base, #53 on
Subgrade Treatment Type III
 - (CR) Curb Ramp
 - (15) Combined Concrete Curb & Gutter
 - (16) Concrete Curb, 6"
 - (40) Transverse Marking, Thermoplastic, Stop Line, White, 24"
 - (41) Transverse Marking, Thermoplastic, Crosswalk Line, White, 24"
 - (42) Line, Thermoplastic, Solid, White, 4"
 - (43) Line, Thermoplastic, Solid, Yellow, 4"
 - (44) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
 - (C) PCCP for Approaches, 9", on
Dense Graded Subbase, 6", on
Subgrade Treatment Type II
 - (F1) Concrete Sidewalk, 6"
 - (K1) HMA for Patching Consisting of:
165 #/syd HMA Surface, Type B, on
275 #/syd HMA Intermediate, Type B, on
660 #/syd HMA Base, Type B, on
Subgrade Treatment Type II
 - (R) HMA for Approaches Consisting of:
1 1/2" Milling &
165 #/syd HMA Surface, Type B
 - (17) Combined Concrete Curb and Gutter, Roll Curb
 - (45) Transverse Marking, Multi-Component, Stop Line, White, 24"
 - (46) Transverse Marking, Multi-Component, Crosswalk Line, White, 24"
- CURVE DATA**
 P.I. Sta. 65+54.88 "A"
 $\Delta = 11^\circ 14' 31''$ Rt.
 $R = 1750.00'$
 $T = 172.24'$
 $L = 343.37'$
 $E = 8.46'$



<p>313</p> <p>1. Back Curb Height Stationed - 34.50' - 15" Az 2. Back Curb Height Stationed - 33.50' - 15" Az 3. Top of 12" Louver Tree - 33.50' - 15" Az</p> <p>G.P.O.T. Sta. 64+58.40 "A", 26.37' Lt. Map No. Plan (S-1220203)</p> <p>N: 190837.288 E: 765206.493</p>		<p>RECOMMENDED FOR APPROVAL: <i>Douglas A. Valmore</i> 9/5/2023 DESIGN ENGINEER DATE</p> <p>DESIGNED: DAV DRAWN: JDW CHECKED: AH CHECKED: DAV</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>KARST FARM GREENWAY CONNECTOR PLAN & PROFILE LINE "A"</p>	<p>HORIZONTAL SCALE 1" = 20'</p> <p>VERTICAL SCALE 1" = 10'</p> <p>SURVEY BOOK ELECTRONIC CONTRACT R-41898</p>	<p>BRIDGE FILE DESIGNATION 1900405</p> <p>SHEET OF 106</p> <p>PROJECT 1900405</p>	<p>BFS NO. 660200.0000</p>
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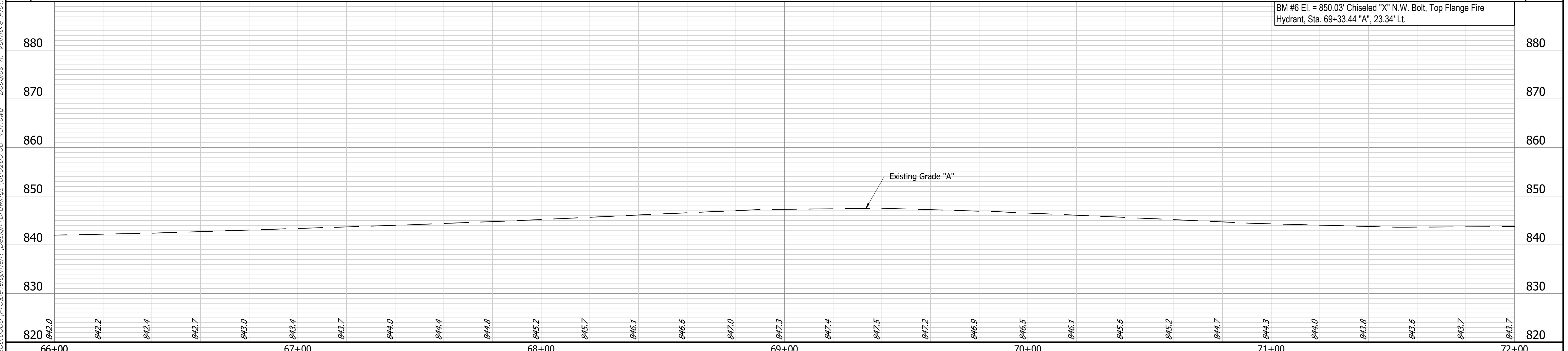
LEGEND

- (K) HMA for Sidewalk Consisting of:
165 #/syd HMA Surface, Type B on
275 #/syd HMA Intermediate, Type B on
6" Compacted Aggregate for Base, #53 on
Subgrade Treatment Type III
- (F1) Concrete Sidewalk, 6"
- (16) Concrete Curb, 6"
- (40) Transverse Marking, Thermoplastic, Stop Line, White, 24"
- (41) Transverse Marking, Thermoplastic, Crosswalk Line, White, 24"
- (CR) Curb Ramp

CURVE DATA
 P.I. Sta. 69+17.67 "A"
 $\Delta = 11^\circ 12' 00''$ Lt.
 R = 1750.00'
 T = 171.59'
 L = 342.08'
 E = 8.39'

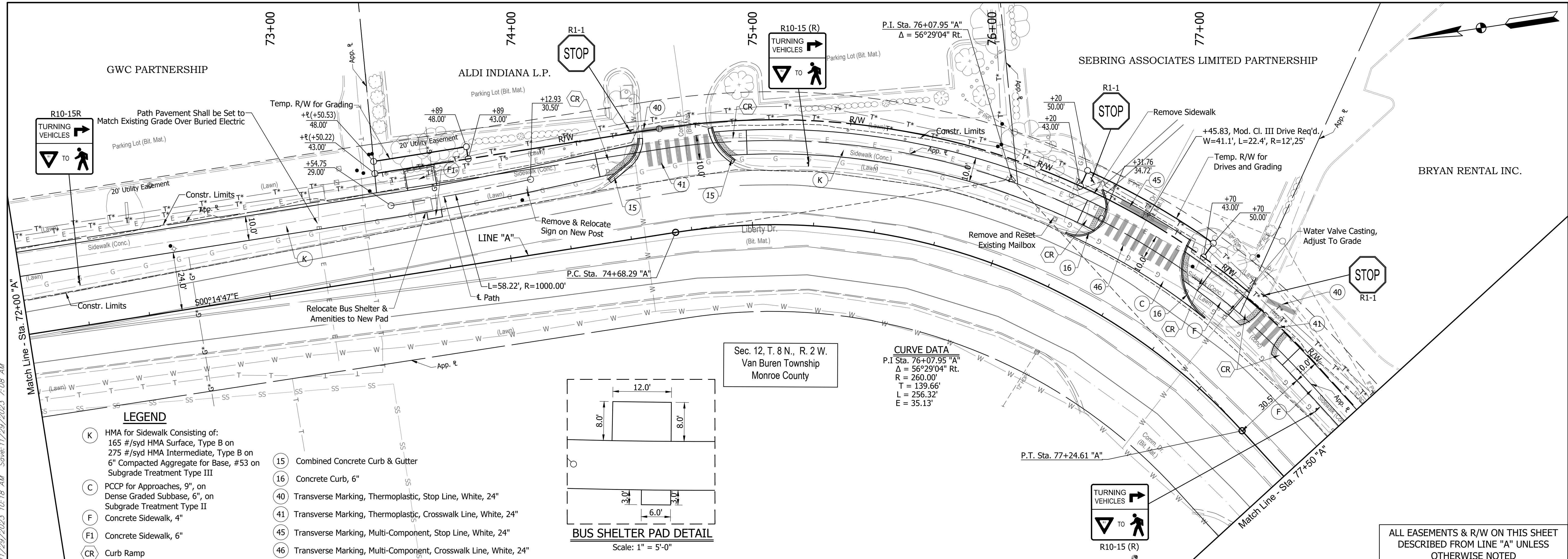
ALL EASEMENTS & R/W ON THIS SHEET DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED

BM #6 El. = 850.03' Chiseled "X" N.W. Bolt, Top Flange Fire Hydrant, Sta. 69+33.44 "A", 23.34' Lt.



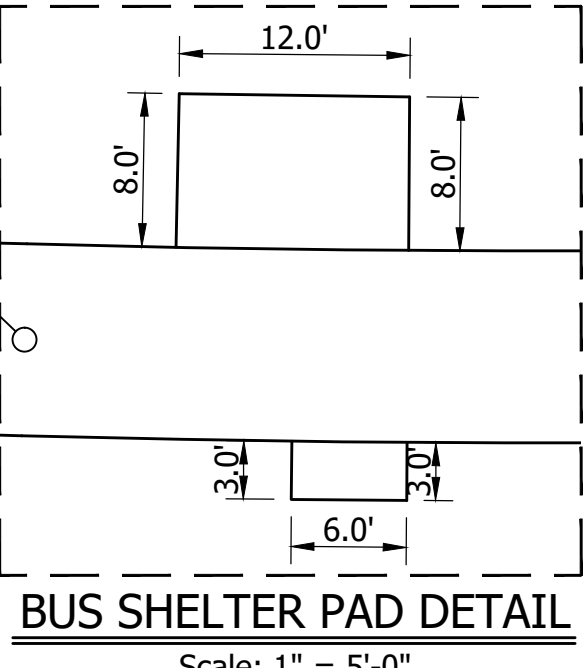
<p>314 Liberty Dr.</p> <p>1. S.E. Cor. Sgn. (PTC) 68.87' - 17' Az 2. S.E. Cor. Sgn. (P.C.) 68.87' - 17' Az 3. May Hill 12" Local Tree - 25.36' - 207' Az D.P.O.T. Sta. 69+59.88 "A", 23.22' Rt. Map No. (Plan) 1047 (2/2/2023)</p>		<p>RECOMMENDED FOR APPROVAL: <i>Douglas A. Valuker</i> 9/5/2023 DESIGN ENGINEER DATE</p> <p>DESIGNED: DAV DRAWN: JDW CHECKED: AH CHECKED: DAV</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>KARST FARM GREENWAY CONNECTOR PLAN & PROFILE LINE "A"</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE 1" = 20'</td> <td>BRIDGE FILE</td> </tr> <tr> <td>VERTICAL SCALE 1" = 10'</td> <td>DESIGNATION 1900405</td> </tr> <tr> <td>SURVEY BOOK ELECTRONIC</td> <td>SHEET 21 OF 106</td> </tr> <tr> <td>CONTRACT R-41898</td> <td>PROJECT 1900405</td> </tr> </table>	HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	VERTICAL SCALE 1" = 10'	DESIGNATION 1900405	SURVEY BOOK ELECTRONIC	SHEET 21 OF 106	CONTRACT R-41898	PROJECT 1900405	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">660200.0000</p>
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VERTICAL SCALE 1" = 10'	DESIGNATION 1900405												
SURVEY BOOK ELECTRONIC	SHEET 21 OF 106												
CONTRACT R-41898	PROJECT 1900405												

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LEGEND

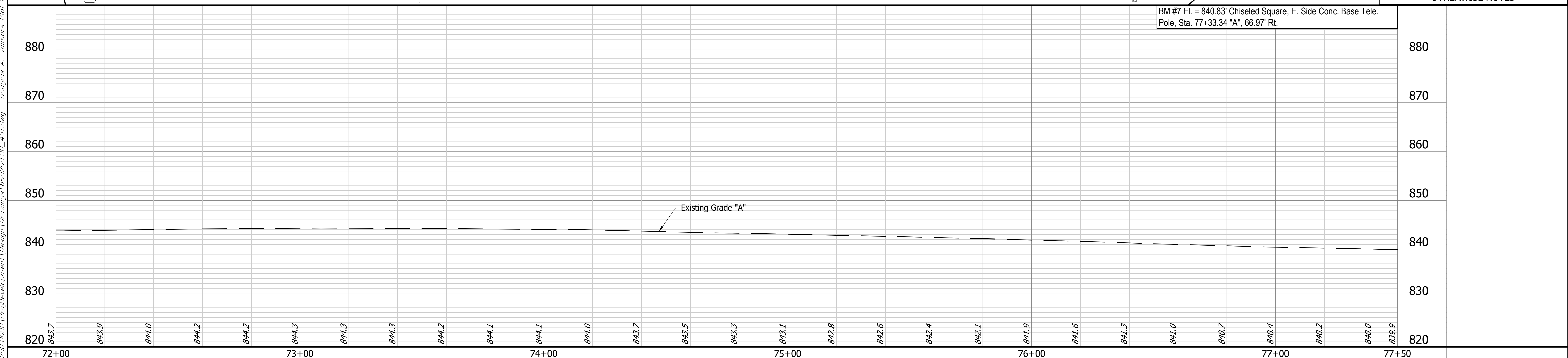
- (K) HMA for Sidewalk Consisting of:
165 #/syd HMA Surface, Type B on
275 #/syd HMA Intermediate, Type B on
6" Compacted Aggregate for Base, #53 on
Subgrade Treatment Type III
- (C) PCCP for Approaches, 9", on
Dense Graded Subbase, 6", on
Subgrade Treatment Type II
- (F) Concrete Sidewalk, 4"
- (F1) Concrete Sidewalk, 6"
- (CR) Curb Ramp
- (15) Combined Concrete Curb & Gutter
- (16) Concrete Curb, 6"
- (40) Transverse Marking, Thermoplastic, Stop Line, White, 24"
- (41) Transverse Marking, Thermoplastic, Crosswalk Line, White, 24"
- (45) Transverse Marking, Multi-Component, Stop Line, White, 24"
- (46) Transverse Marking, Multi-Component, Crosswalk Line, White, 24"



CURVE DATA
 P.I. Sta. 76+07.95 "A"
 $\Delta = 56^\circ 29' 04''$ Rt.
 R = 260.00'
 T = 139.66'
 L = 256.32'
 E = 35.13'

Sec. 12, T. 8 N., R. 2 W.
 Van Buren Township
 Monroe County

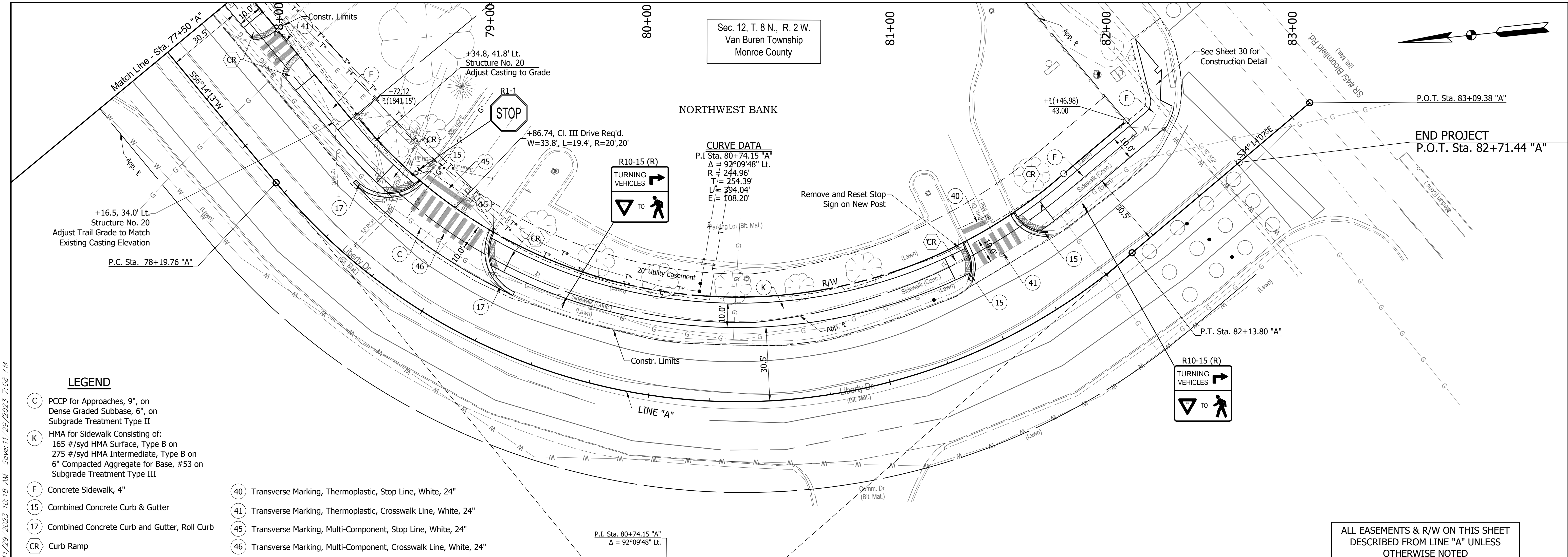
ALL EASEMENTS & R/W ON THIS SHEET
 DESCRIBED FROM LINE "A" UNLESS
 OTHERWISE NOTED



<p>315 Line "A" Liberty Dr. S.W. 1. S.W. Cor. Post Hole Box - 41.80' - 10' Az 2. Mid Nail 8" Probe Hole - 10.50' - 130' Az 3. Mid Nail 8" Probe Hole - 36.00' - 180' Az O.P.D.T. Sta. 73+45.05 "A", 36.02' Rl. Mag. Ndb. Plumb (Dist. 1/27/2021)</p>	<p>316 Line "A" Liberty Dr. S.W. 1. Back Curb Height Sidewalk - 15.80' - 40' Az 2. Mid Nail 8" Probe Hole - 14.77' - 130' Az 3. Top Nail - 24.02' - 170' Az O.P.D.T. Sta. 76+81.83 "A", 32.96' L. Mag. Ndb. Plumb (Dist. 1/21/2021)</p>	<p>INDIANA REGISTERED PROFESSIONAL ENGINEER No. PE19800142 STATE OF INDIANA</p>	<p>RECOMMENDED FOR APPROVAL: <i>Ray V. ...</i> 9/5/2023 DESIGN ENGINEER DATE</p> <p>DESIGNED: DAV DRAWN: JDW CHECKED: AH CHECKED: DAV</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION KARST FARM GREENWAY CONNECTOR PLAN & PROFILE LINE "A"</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE 1" = 20'</td> <td>BRIDGE FILE</td> </tr> <tr> <td>VERTICAL SCALE 1" = 10'</td> <td>DESIGNATION 1900405</td> </tr> <tr> <td>SURVEY BOOK ELECTRONIC</td> <td>SHEET OF 106</td> </tr> <tr> <td>CONTRACT R-41898</td> <td>PROJECT 1900405</td> </tr> </table>	HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	VERTICAL SCALE 1" = 10'	DESIGNATION 1900405	SURVEY BOOK ELECTRONIC	SHEET OF 106	CONTRACT R-41898	PROJECT 1900405
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VERTICAL SCALE 1" = 10'	DESIGNATION 1900405												
SURVEY BOOK ELECTRONIC	SHEET OF 106												
CONTRACT R-41898	PROJECT 1900405												

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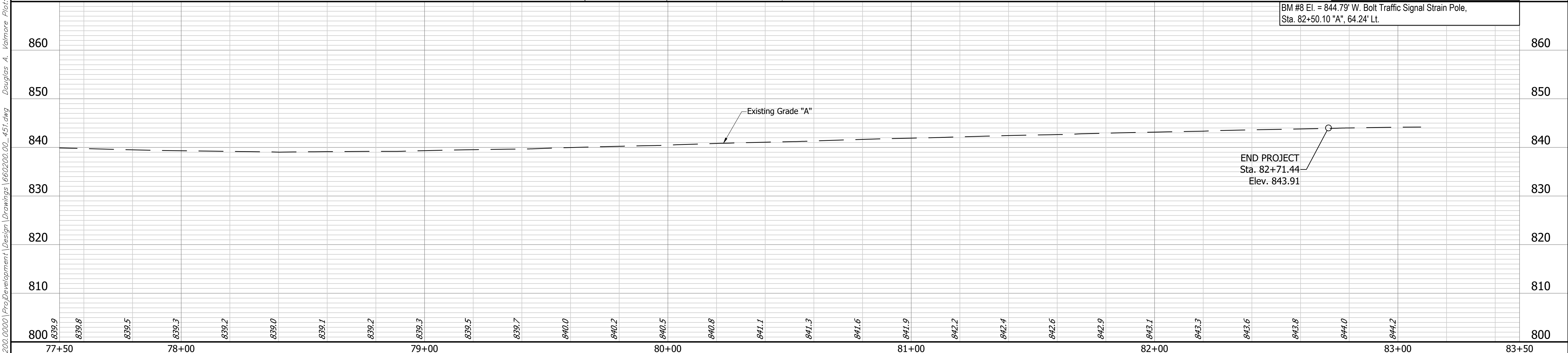
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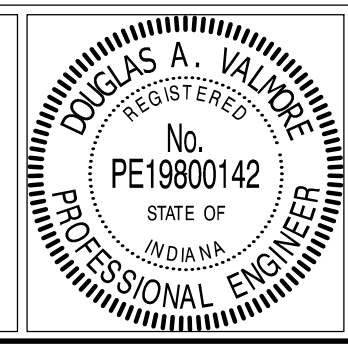
LEGEND

- (C) PCCP for Approaches, 9", on Dense Graded Subbase, 6", on Subgrade Treatment Type II
- (K) HMA for Sidewalk Consisting of: 165 #/syd HMA Surface, Type B on 275 #/syd HMA Intermediate, Type B on 6" Compacted Aggregate for Base, #53 on Subgrade Treatment Type III
- (F) Concrete Sidewalk, 4"
- (15) Combined Concrete Curb & Gutter
- (17) Combined Concrete Curb and Gutter, Roll Curb
- (CR) Curb Ramp
- (40) Transverse Marking, Thermoplastic, Stop Line, White, 24"
- (41) Transverse Marking, Thermoplastic, Crosswalk Line, White, 24"
- (45) Transverse Marking, Multi-Component, Stop Line, White, 24"
- (46) Transverse Marking, Multi-Component, Crosswalk Line, White, 24"

I:\b660200\0000\ProjDevelopment\Design\Drawings\660200.00_451.dwg Douglas A. Valucke Plot: 11/29/2023 10:18 AM Save: 11/29/2023 7:08 AM



ALL EASEMENTS & R/W ON THIS SHEET DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED



RECOMMENDED FOR APPROVAL: *Douglas A. Valucke* 9/5/2023
 DESIGN ENGINEER DATE

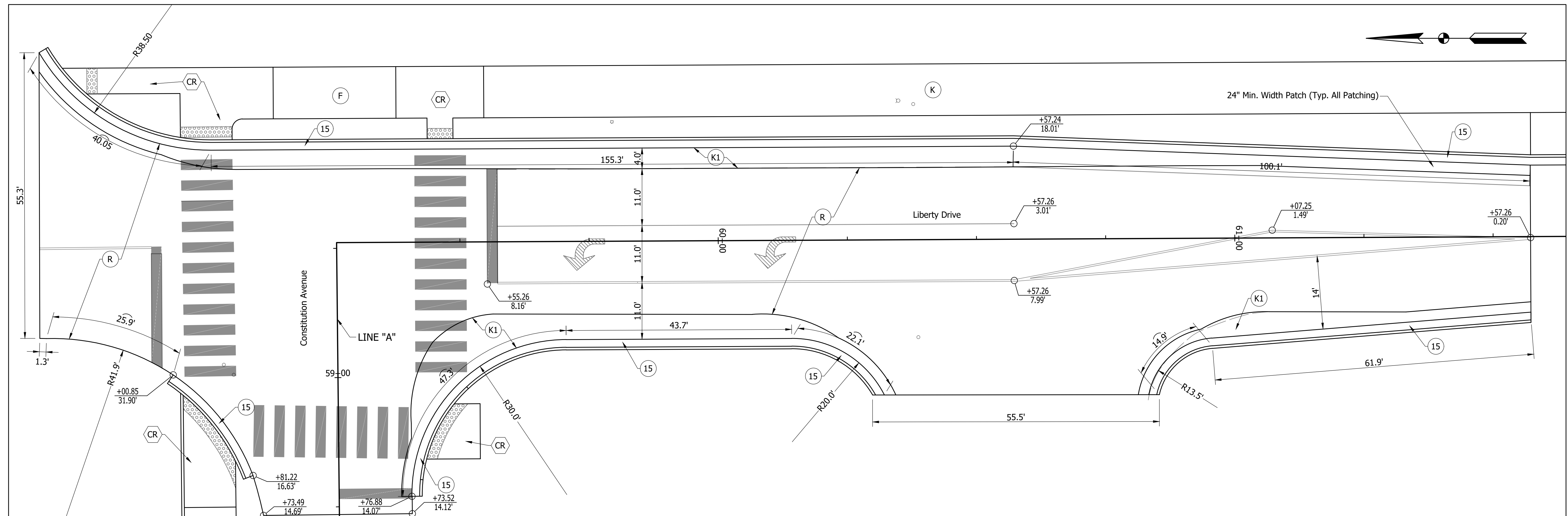
DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

INDIANA DEPARTMENT OF TRANSPORTATION
 KARST FARM GREENWAY CONNECTOR
 PLAN & PROFILE LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION 1900405
SURVEY BOOK ELECTRONIC	SHEET 23 OF 106
CONTRACT R-41898	PROJECT 1900405

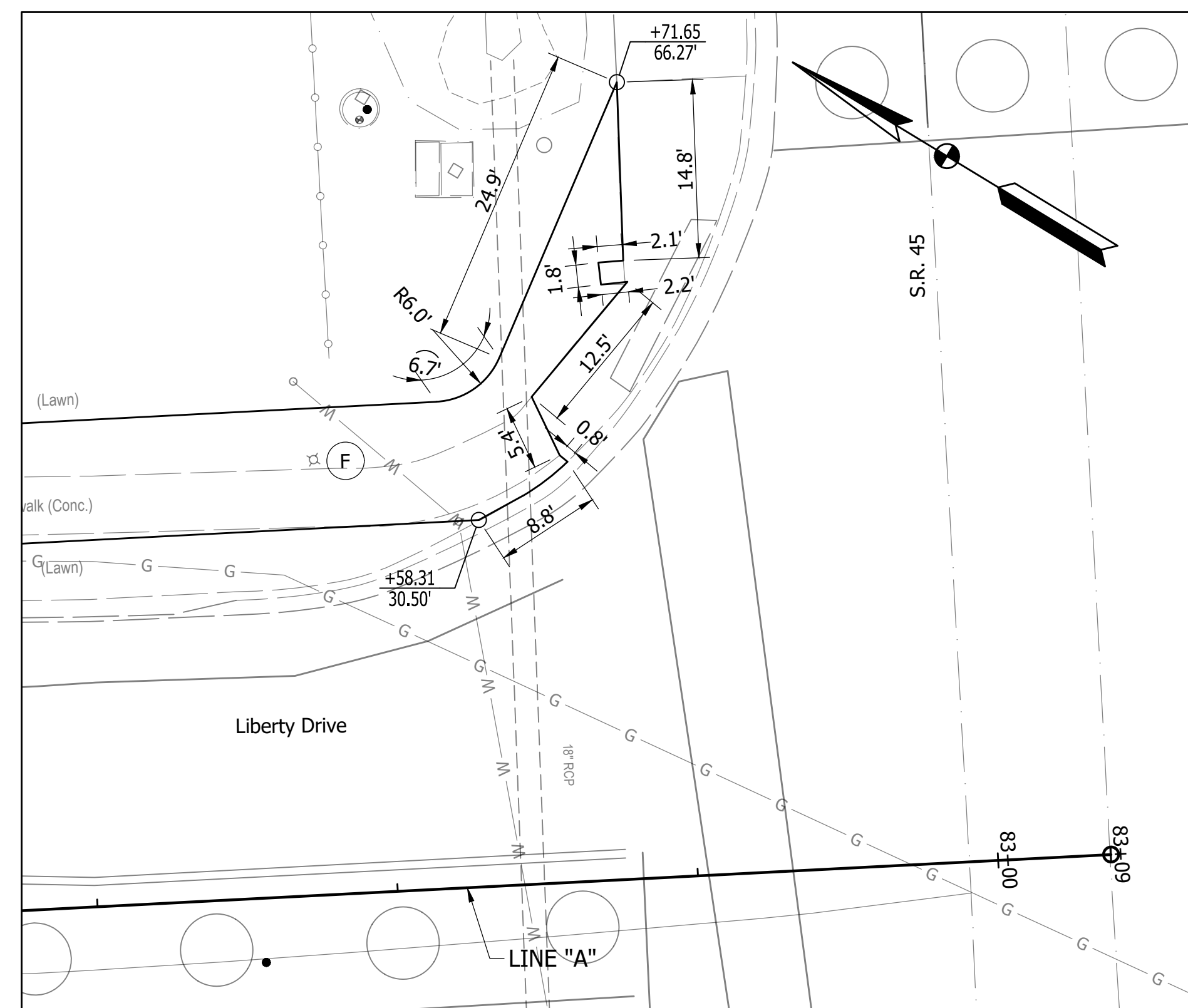
BFS NO. 660200.0000

I:\b5m1241\jbs5\660200.0000\ProDevelopment\Drawings\660200.00_514.dwg Douglas A. Valdek Plot: 11/29/2023 10:19 AM Save: 11/29/2023 8:31 AM



CONSTITUTION AVE. @ LIBERTY DR. CONSTRUCTION DETAIL

Scale: 1" = 10'-0"

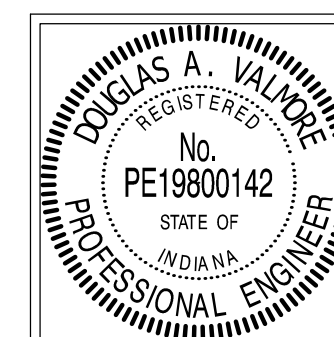


LIBERTY DRIVE @ S.R. 45 CONSTRUCTION DETAIL

Scale: 1" = 10'-0"

LEGEND

- (K) HMA for Sidewalk Consisting of:
165 #/syd HMA Surface, Type B on
275 #/syd HMA Intermediate, Type B on
6" Compacted Aggregate for Base, #53 on
Subgrade Treatment Type III
- (K1) HMA for Patching Consisting of:
165 #/syd HMA Surface, Type B, on
275 #/syd HMA Intermediate, Type B, on
660 #/syd HMA Base, Type B, on
Subgrade Treatment Type II
- (F1) Concrete Sidewalk, 6"
- (F) Concrete Sidewalk, 4"
- (R) HMA for Approaches Consisting of:
1 1/2" Milling &
165 #/syd HMA Surface, Type B
- (15) Combined Concrete Curb & Gutter
- (16) Concrete Curb, 6"
- (CR) Curb Ramp



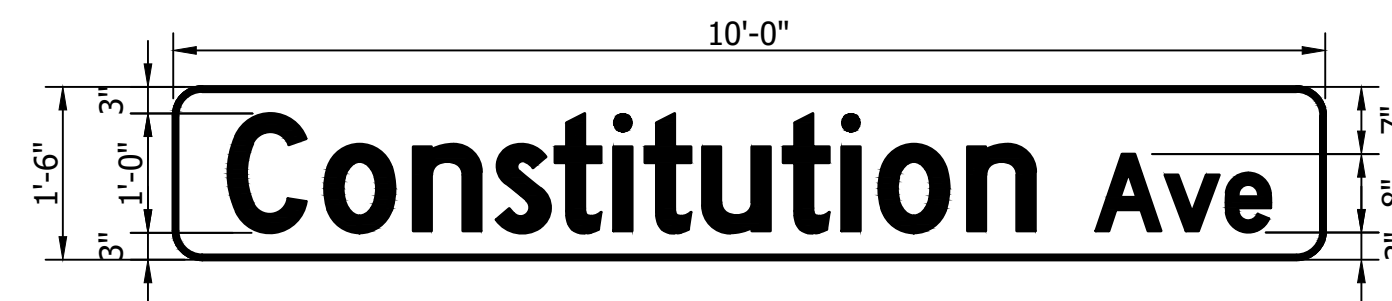
RECOMMENDED FOR APPROVAL: *Douglas A. Valdek* 9/5/2023
 DESIGN ENGINEER DATE
 DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

INDIANA
 DEPARTMENT OF TRANSPORTATION
 KARST FARM GREENWAY CONNECTOR
 CONSTRUCTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	
VERTICAL SCALE	DESIGNATION
N/A	1900405
SURVEY BOOK	SHEET
ELECTRONIC	30 OF 106
CONTRACT	PROJECT
R-41898	1900405

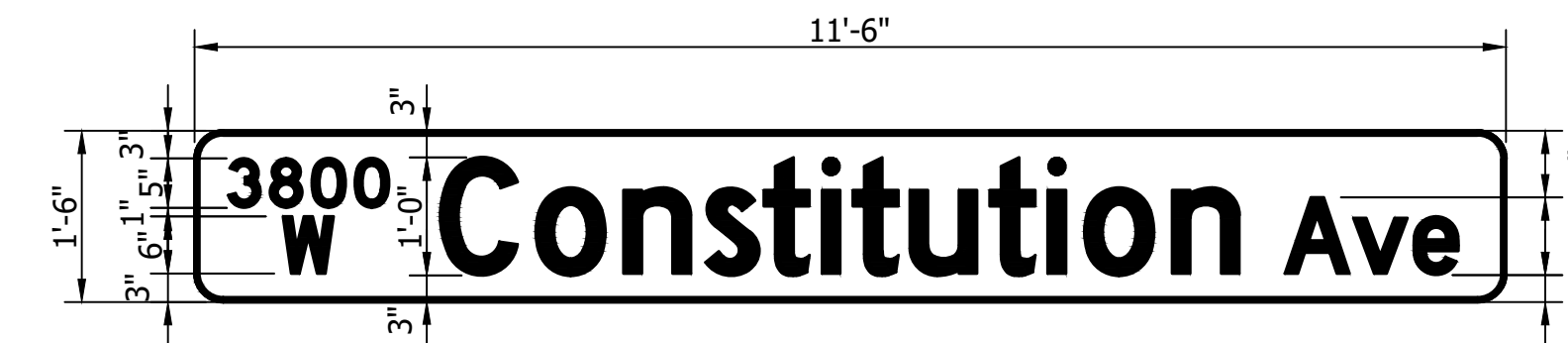
BFS NO. 660200.0000

\\bfsr1241\jebbs5\660200.0000\ProjectDevelopment\Design\Drawings\660200.00_515.dwg Jessica Nix Plot:11/30/2023 1:21 PM Save:11/30/2023 1:19 PM



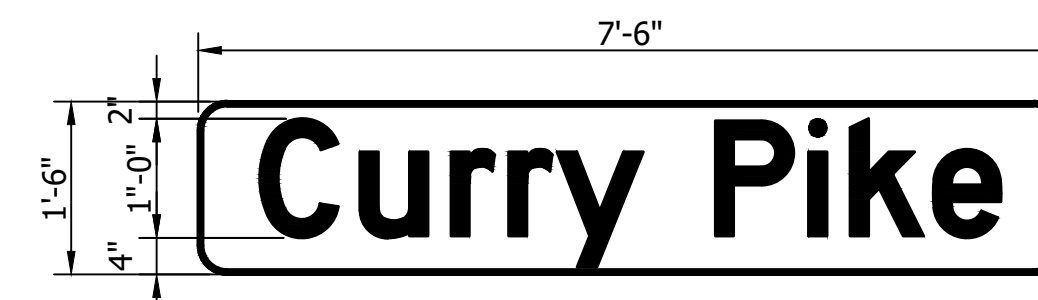
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BORDER WIDTH	0.5"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

Letters Shall Be Style "C"



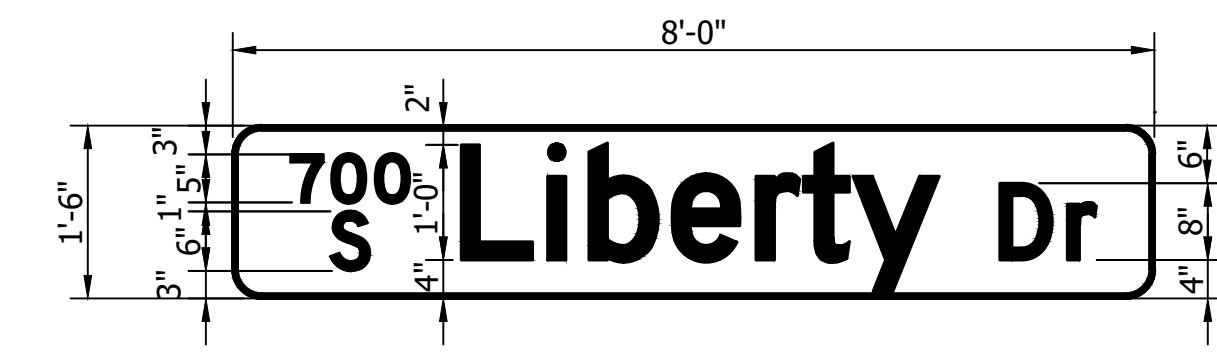
SIGN NUMBER	D3-1(1)
WIDTH x HGHT.	11'-6" x 1'-6"
BORDER WIDTH	0.5"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

Letters Shall Be Style "C"



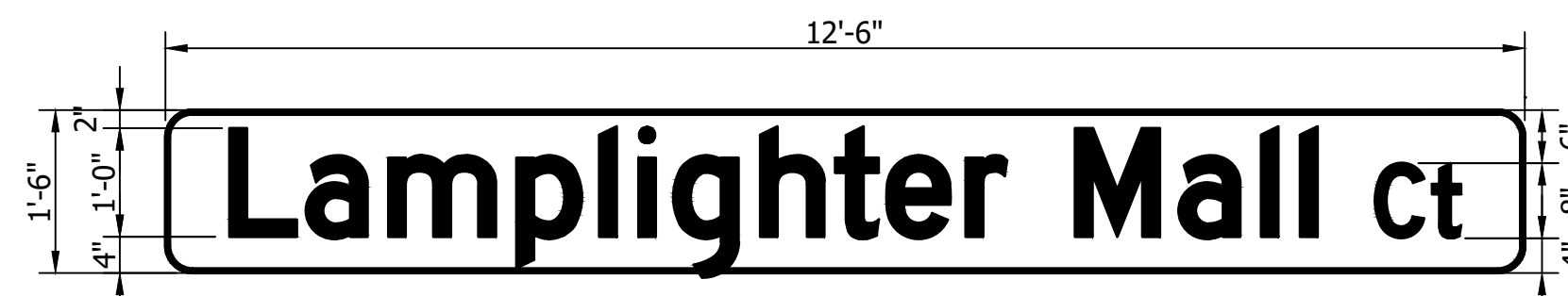
SIGN NUMBER	D3-1(4)
WIDTH x HGHT.	7'-6" x 1'-6"
BORDER WIDTH	0.5"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

Letters Shall Be Style "C"



SIGN NUMBER	D3-1(2)
WIDTH x HGHT.	8'-0" x 1'-6"
BORDER WIDTH	0.5"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

Letters Shall Be Style "C"

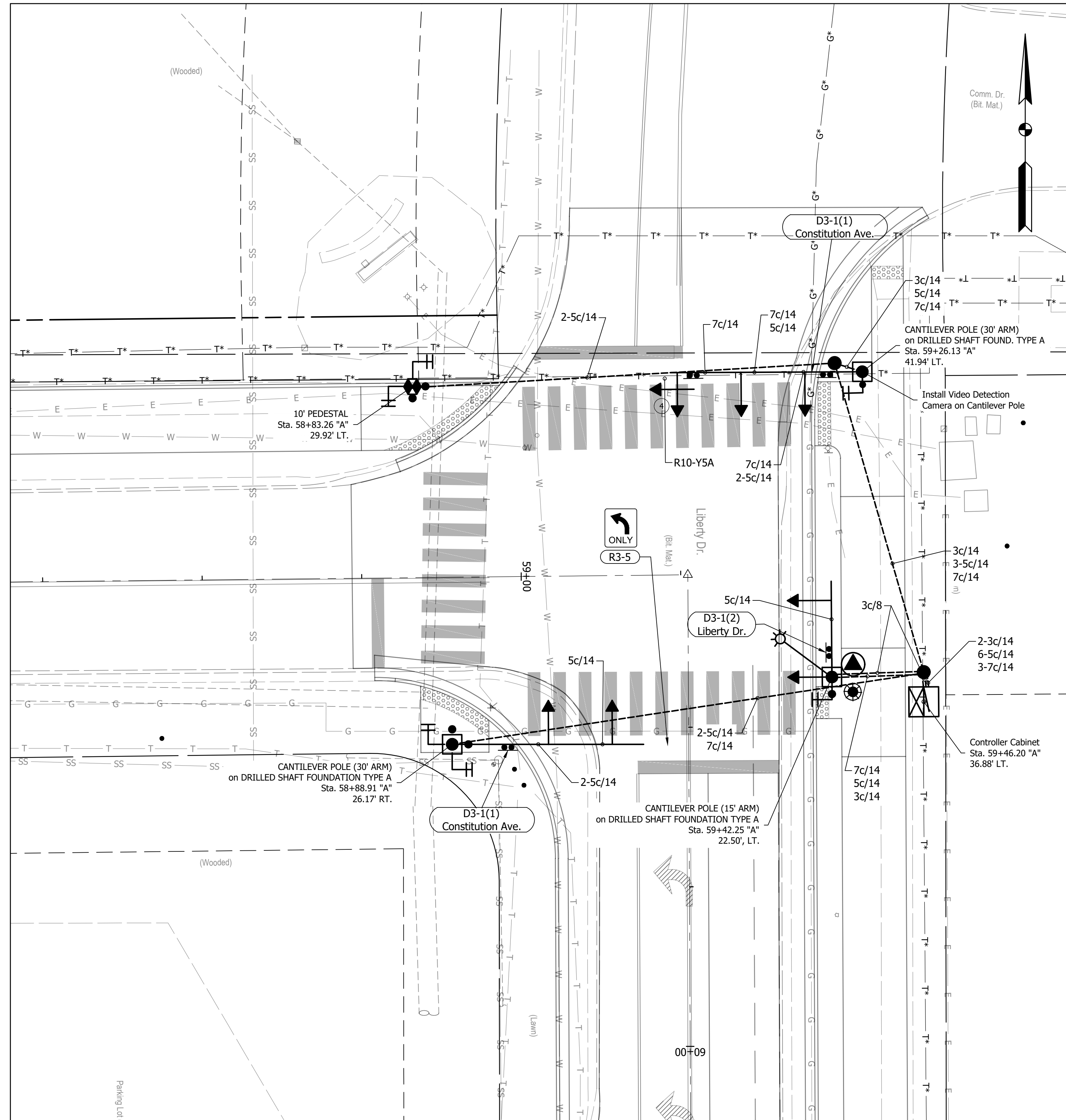


SIGN NUMBER	D3-1(5)
WIDTH x HGHT.	12'-6" x 1'-6"
BORDER WIDTH	0.5"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

Letters Shall Be Style "C"

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE <u>9/5/2023</u>	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			NA	NA
	DESIGNED: DAV	DRAWN: JDW	VERTICAL SCALE	DESIGNATION
	CHECKED: AH	CHECKED: DAV	NA	1900405
KARST FARM GREENWAY CONNECTOR STREET NAME SIGN DETAILS		SURVEY BOOK	SHEET	
		ELECTRONIC	31 OF 106	
		CONTRACT	PROJECT	
		R-41898	1900405	

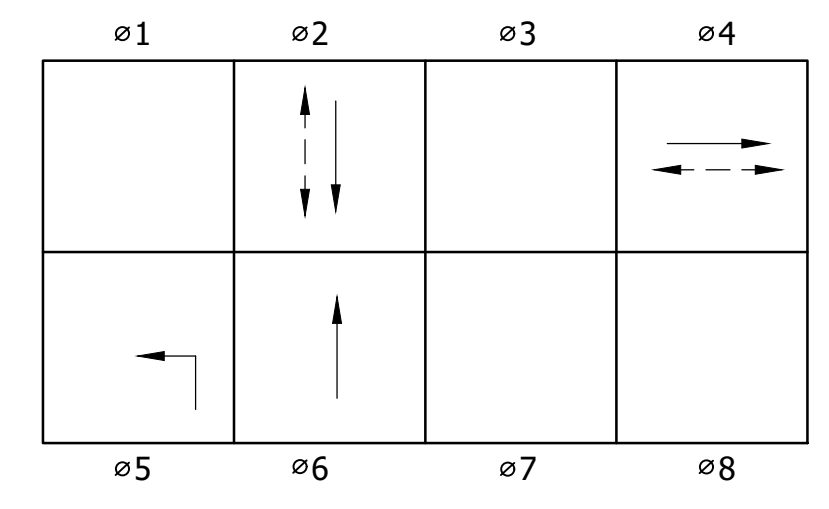
I:\b\1241\jobs5\660200.0000\ProjectDevelopment\Design\Drawings\660200.00_641.dwg Douglas A. Valente Plot: 12/17/2023 10:26 AM Save: 12/17/2023 10:26 AM



CONSTITUTION AVENUE & LIBERTY DRIVE - SIGNAL DETAIL
 Scale: 1" = 10'-0"

**LEFT TURN
YIELD ON
FLASHING
YELLOW
ARROW**

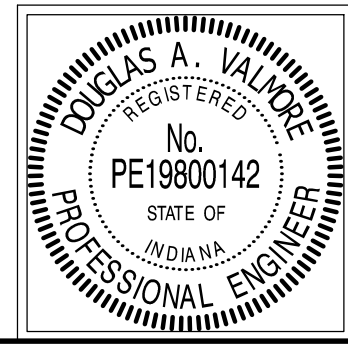
SIGN NUMBER	R10-Y5A
WIDTH x HGHT.	30" x 36"
BORDER WIDTH	0.50"
CORNER RADIUS	1.88"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: White
LEGEND/BORDER	TYPE: Reflective COLOR: Black/Black



PHASE DIAGRAM
 No Preferentiality
 All Signals Red Flash

- LEGEND**
- ← TRAFFIC SIGNAL HEAD, 3 FACE, 12": RED, AMBER, GREEN, POLYCARBONATE, W/BACKPLATE AND TAPE
 - ↔ TRAFFIC SIGNAL HEAD, 4 FACE, 12": RED ARROW, AMBER ARROW, FLASHING AMBER ARROW, GREEN ARROW, POLYCARBONATE, W/BACKPLATE AND TAPE
 - SIGNAL CANTILEVER POLE/ARM(S)
 - || COUNTDOWN PEDESTRIAN SIGNAL HEAD, 18" INTERNATIONAL SYMBOLS*
 - ||● COUNTDOWN PEDESTRIAN SIGNAL HEAD, 18" INTERNATIONAL SYMBOLS* AND ACCESSIBLE PEDESTRIAN PUSHBUTTON W/ R10-3e SIGN
 - ⬢ 10' SIGNAL PEDESTAL ON 24"x24"x36" FOUNDATION AND ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTON W/R10-3e SIGN
 - ⊞ TS2 ECONOLITE CONTROLLER AND "P-1" CABINET ON "P-1" FOUNDATION WITH AI-500-085-02 SERIES GLANCE PRE-EMPT & PRIORITY VIDEO FIELD MONITORING UNIT (FMU2) SYSTEM, AND BATTERY BACKUP
 - SIGNAL HANDHOLE, TYPE II
 - 2" CONDUIT (SCH. 80 UNDER EXIST. PAVEMENT/SCH. 40 IN TRENCH)
 - ▲ SIGNAL SERVICE
 - ⊙ LIGHTING SERVICE POINT
 - ⊙ LUMINAIRE, ON 10' ARM

* PEDESTRIAN HEADS SHALL BE MOUNTED ON ONE-WAY SIDE-ON-POLE MOUNT W/UNIVERSAL HUB PLATES
 SIGNAL HEAD LAYOUT SHALL BE SUCH THAT THE HEAD DOES NOT CONFLICT WITH ADJACENT HEAD WHEN OPEN.



RECOMMENDED FOR APPROVAL: *Doug Valente* 9/5/2023
 DESIGN ENGINEER DATE
 DESIGNED: DAV DRAWN: JDW
 CHECKED: AH CHECKED: DAV

**INDIANA
DEPARTMENT OF TRANSPORTATION**
**KARST FARM GREENWAY CONNECTOR
SIGNAL DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	
VERTICAL SCALE	DESIGNATION
N/A	1900405
SURVEY BOOK	SHEET
ELECTRONIC	37 OF 106
CONTRACT	PROJECT
R-41898	1900405

BFS NO. 660200.0000



Board of Public Works Staff Report

Project/Event: Atlantic Engineering Group (AEG)
Staff Representative: Alex Gray
Petitioner/Representative: Bret Simons
Date: March 12th, 2024

Report: AEG is requesting lane closures and sidewalk closures in multiple locations of their project work areas. This request is to accommodate work on fiber installation via boring and aerial fiber installation. The traffic control will be in place after March 18th through the end of the project, which we're estimating to be 4 weeks per project area.

AEG has supplied various maintenance of traffic plans for all work. They are also placing door hangers for public notice to property owners about scope of their work and contact information for if there are any issues. (see packet for details).

AEG is requesting for 3 project areas to be granted through this BPW meeting. The following areas include...

W Benham Ln This will include aerial and underground fiber placement between W Evergreen Dr to W Cory Dr and S Franklin Rd to S Anna Lee Ln. The main road covering this area is W 3rd St between I-69 and S Landmark Ave. This area will have repaving in the summer and coordination has started to prevent work taking place after the repavement.

W Sudbury Dr This will include aerial and underground fiber placement along W Sudbury Dr, S Weimer Rd, W Wapehani Rd, and adjacent to W Bloomfield Rd and S Oakdale Rd.

S Leonard Springs Rd (Part 1)
This will include aerial and underground fiber placement along a section of S Leonard Springs Rd. This section is between W Tapp Rd and just south of W Cedar Chase Dr. A large portion will be aerial work in these areas. This permit will only cover work within the City's ROW. AEG will be working with the County for the areas within the County's ROW.



P.O. Box 349 | Buford, Georgia 30515
Main Office: (706)654-2298
www.aeg.cc

To: City of Bloomington – Engineering Department
Subject: City of Bloomington Right of Way Application

Dear Board Members,

Atlantic Engineering Group is planning a large FTTH project across the entire City of Bloomington. This work will take place at different locations throughout the year. In order to facilitate these upcoming projects, AEG is respectfully requesting access to the ROW as planned out in the submitted permits.

Weekday hours will be from 8-4pm. Hours Saturday will be from 8-3pm. This will only be restoration, splicing and/or cable pulling. School zone hours will be from 8:30-2:30pm.

Traffic control plans will be attached to each permit. No long-term road closures or sidewalk closures are expected. Signs and flaggers will be present when needed and move with the project as it moves throughout the city. The areas will all be identified on the plans we submit to the city's Engineering Department.

Proper door hangers will be placed prior to the construction starting in a particular area. The door hangers will provide information about the construction and contact information if any issues arise.

Bret Simons
Engineering Project Coordinator
Atlantic Engineering Group




CITY OF BLOOMINGTON RIGHT-OF-WAY USE PERMIT APPLICATION

401 N Morton Street, Suite 130
P.O. Box 100
Bloomington, IN 47402

Phone: (812) 349-3913
Fax: (812) 349-3520
Email:
engineering@bloomington.in.gov

ROW EXCAVATION ROW USE

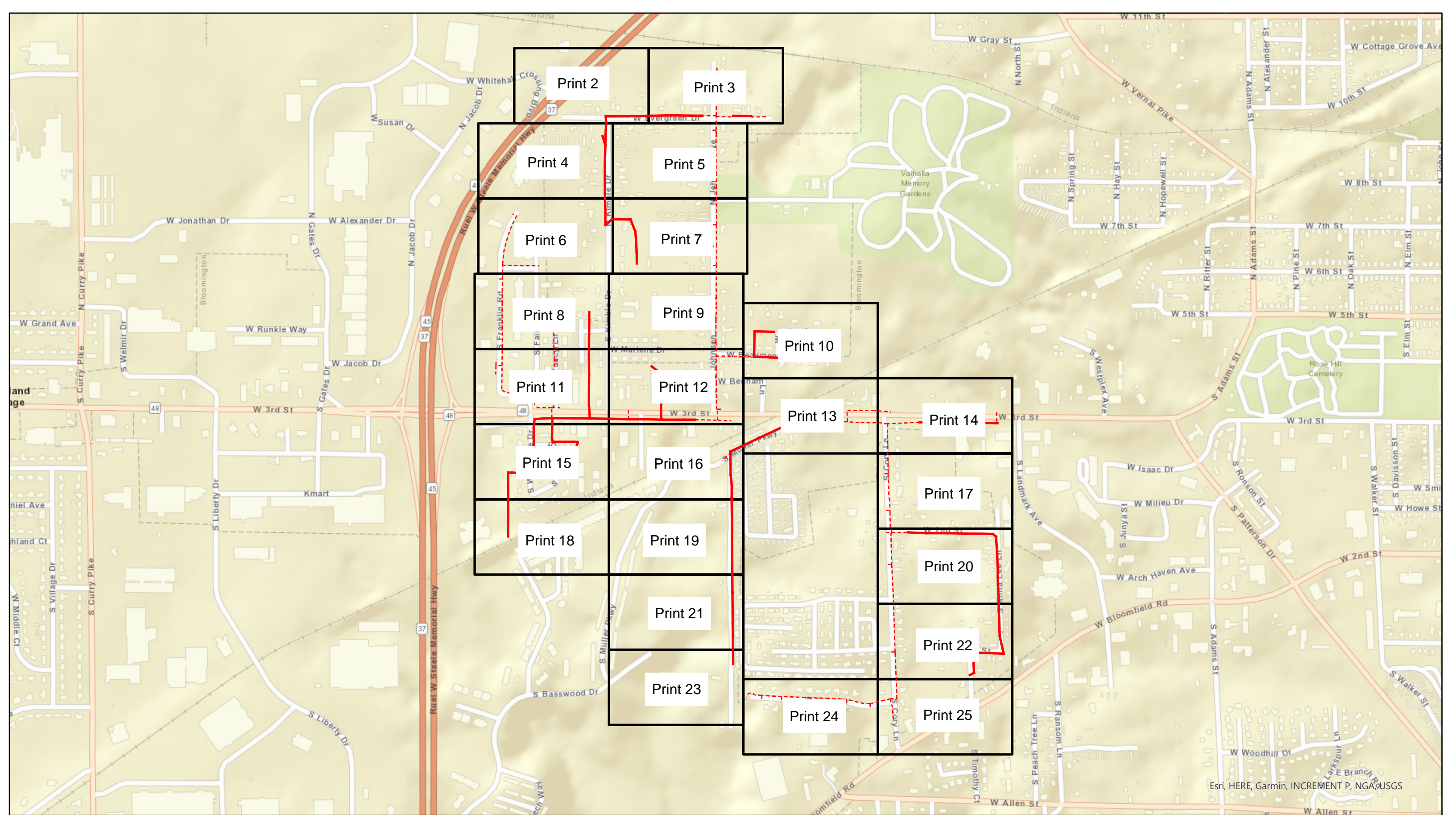
ADDRESS OF ROW ACTIVITY: BLS01b-F08_W Benham Ln

A. APPLICANT/AGENT INFORMATION: APPLICANT NAME: <u>Bret Simons</u> E-MAIL: <u>bret.simons@aeg.cc</u> COMPANY: <u>Atlantic Engineering Group</u> ADDRESS: <u>P.O. Box 349</u> CITY, STATE, ZIP: <u>Buford, GA 30515</u> 24-HR EMERGENCY CONTACT NAME: <u>(706)654-2298</u> 24-HR CONTACT PHONE #: _____ INSURANCE #*: <u>TB5-691-473497-082</u> COMPANY: <u>ACORD</u> BOND#*: <u>1160465</u> COMPANY: <u>LEXON</u> <small>* INSURANCE & BOND MUST BE ON FILE WITH THE CITY BEFORE PERMIT WILL BE ISSUED</small> **SUBCONTRACTOR INFORMATION** <small>(LIST ALL COMPANIES WORKING UNDER PRIMARY CONTRACTOR PERMIT)</small> COMPANY NAME: _____	D. TRAFFIC CONTROL DEVICES*: <input checked="" type="checkbox"/> CONES <input type="checkbox"/> ARROWBOARD <input type="checkbox"/> LIGHTED BARRELS <input checked="" type="checkbox"/> TYPE 3 BARRICADES <input checked="" type="checkbox"/> FLAGGERS <input type="checkbox"/> BPD OFFICER <small>*PROVIDING MUTCD COMPLIANT TEMPORARY TRAFFIC CONTROL DEVICES AND MAINTENANCE OF TRAFFIC (MOT) PLAN IS YOUR RESPONSIBILITY AND REQUIRED. See page 3 for additional MOT resources; the graph paper can be used for your MOT site plan if needed or you can submit a separate sheet</small>
B. WORK DESCRIPTION: <input type="checkbox"/> POD/DUMPSTER <input type="checkbox"/> CRANE <input type="checkbox"/> SCAFFOLDING <input checked="" type="checkbox"/> CONSTRUCTION USE* (EXPLAIN): <u>Excavation</u> <small>*EXCAVATION, LONG TERM USE FOR STORAGE OF MATERIAL/EQUIPMENT/WALKAROUND</small>	E. METERED PARKING SPACES NEEDED: <input type="checkbox"/> Y <input type="checkbox"/> N <small>IT IS THE RESPONSIBILITY OF THE APPLICANT TO RESERVE PARKING METER(S) APPLICATION LOCATED: https://bloomington.in.gov/transportation/parking/moving OR CONTACT PARKING SERVICES WITH QUESTIONS AT (812)349-3436</small>
C. RIGHT OF WAY TO BE USED/CLOSED: STREET NAME 1: <u>W Benham Ln</u> 1ST INTERSECTING STREET NAME: _____ 2ND INTERSECTING STREET NAME: _____ <input type="checkbox"/> ROAD CLOSURE <input checked="" type="checkbox"/> LANE CLOSURE 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> <input checked="" type="checkbox"/> SIDEWALK* <input type="checkbox"/> BIKE LANE <input type="checkbox"/> OTHER TRANSIT STOP? <input type="checkbox"/> Y <input type="checkbox"/> N PARKING LANE(S)** <input type="checkbox"/> Y <input type="checkbox"/> N <small>**NON-METERED</small> START DATE: <u>Mar 22nd</u> END DATE: _____ # OF DAYS*: <u>30</u> STREET NAME 2: _____ 1ST INTERSECTING STREET NAME: _____ 2ND INTERSECTING STREET NAME: _____ <input type="checkbox"/> ROAD CLOSURE <input type="checkbox"/> LANE CLOSURE 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> <input type="checkbox"/> SIDEWALK* <input type="checkbox"/> BIKE LANE <input type="checkbox"/> OTHER TRANSIT STOP? <input type="checkbox"/> Y <input type="checkbox"/> N PARKING LANE(S)** <input type="checkbox"/> Y <input type="checkbox"/> N <small>**NON-METERED</small> START DATE: _____ END DATE: _____ # OF DAYS*: _____ <small>*SIDEWALK CLOSURES FOR A PERIOD OR PERIODS TOTALING 24HRS OR MORE SHALL INSTALL A WALKAROUND UNLESS OTHERWISE APPROVED DURING REVIEW</small>	F. IS THIS A <input type="checkbox"/> CBU* <input type="checkbox"/> COUNTY* <input type="checkbox"/> IU* <input type="checkbox"/> NP* PROJECT? PROJECT NAME: <u>BLS01b-F08 W Benham Ln</u> PROJECT #: <u>BLS01b-F08 W Benham Ln</u> PROJECT MGR.: <u>Patrick Brigman</u> PROJECT MGR. #: <u>215-847-8819</u> <small>*CBU = CITY OF BLOOMINGTON UTILITIES *COUNTY = MONROE COUNTY *IU = INDIANA UNIVERSITY *NP = NOT-FOR-PROFIT AGENCY</small>
STANDARD CLOSURE HOURS MON-FRI*: 9:00 AM - 3:00 PM & 6:00 PM - 9:00 PM STANDARD CLOSURE HOURS <input checked="" type="checkbox"/> *NON-STANDARD CLOSURE HOURS <input type="checkbox"/> REQUESTED CLOSURE HOURS: _____ AM - _____ PM <small>*non-standard hours may not be allowed near schools, on arterials, or other circumstances and are subject to approval during the permitting process BMC 14.09.040 allows work from 6 AM to 10 PM without violating the noise ordinance (7AM to 9PM for pneumatic hammers)</small>	G. EXCAVATIONS: SQ FT OF PAVEMENT* EXCAVATIONS : <u>N/A</u> <small>*PAVEMENT INCLUDES: IN OR UNDER CONCRETE, OR ASPHALT INCLUDING CURBS</small> SQ FT OF NON-PAVEMENT* EXCAVATIONS: <u>323.56 Sq Ft</u> <small>*DIRT, GRASS, GRAVEL, LANDSCAPE AREA OR OTHER UNPAVED SURFACE</small> LINEAL FT OF BORE*: <u>14,482 Lineal Ft</u> <small>*BORE PITS SHALL BE CALCULATED AS SQ FT EXCAVATIONS</small> # OF POLE INSTALLATIONS/REMOVAL: <u>N/A</u> SQ FT OF SIDEWALK RECONSTRUCTION*: <u>N/A</u> <small>*CONCRETE OR ASPHALT SIDEWALK/PATH BEING IMPROVED/REPLACED</small> SQ FT OF SIDEWALK NEW CONSTRUCTION*: <u>N/A</u> <small>*CONCRETE OR ASPHALT SIDEWALK/PATH THAT IS NEW INFRASTRUCTURE</small> #RESIDENTIAL DRIVEWAY INSTALLATION: <u>N/A</u>
	 TO SUBMIT A LOCATE REQUEST 24 HRS A DAY, 7 DAYS A WEEK CALL 811 OR 800-382-5544 CALL 2 WORKING DAYS BEFORE YOU DIG. IT'S THE LAW.
	H. INDEMNIFICATION AGREEMENT: The petitioner/applicant hereby agrees to hold harmless, defend and to indemnify the City of Bloomington from or against all claims, action, damages and expenses, including but not limited to reasonable attorney's fees or any alleged injury and/or death to any person or damage to any property arising, or alleged to have arisen out of any act of commission or omission on the part of the petitioner/applicant, his/her heirs, successors, or assigns regardless of whether such acts are the direct or indirect result of the public right-of-way use pursuant to this permit grant. I AFFIRM, UNDER THE PENALTIES FOR PERJURY, THAT THE FOREGOING REPRESENTATIONS ARE TRUE. PRINT NAME: <u>Bret Simons</u> SIGNATURE: <u>Bret Simons</u> DATE: <u>2/26/2024</u>

For Administration Use Only (applicable to CLOSURE approval)

Approved By: _____ BPW City Engineer Director Date: _____

Staff Representative: _____ Phone#: _____ Date: _____



Legend BLS01b-F08_W Benham Ln

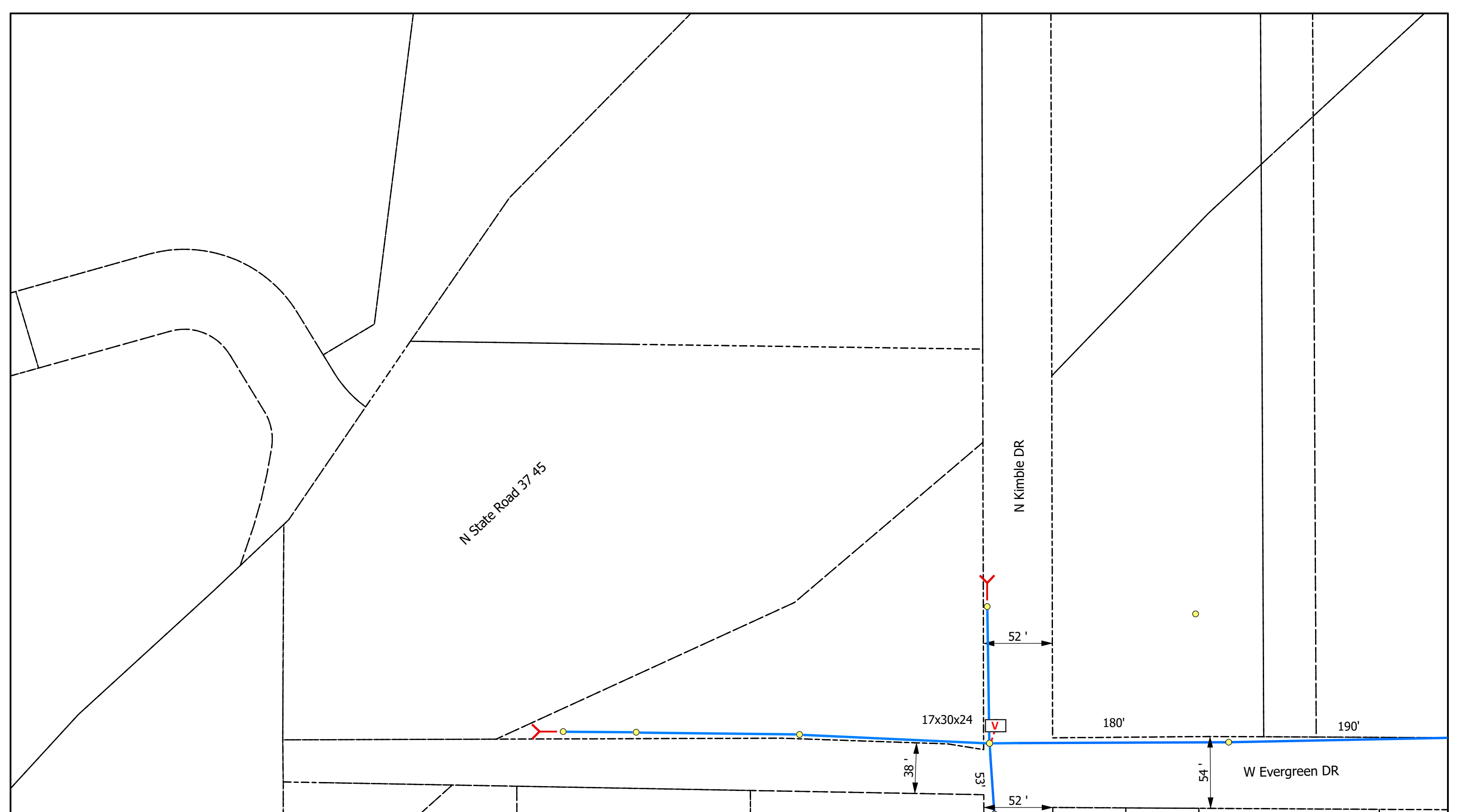
- Proposed Aerial
- - - Conduit
- Grids



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION





- Legend**
- Poles
 - Ⓡ Risers
 - Ⓜ Sidewalk
 - V Vaults
 - Y Anchor
 - Bloomington_Parcels
 - Overhead Strand
 - Conduit
 - Grids

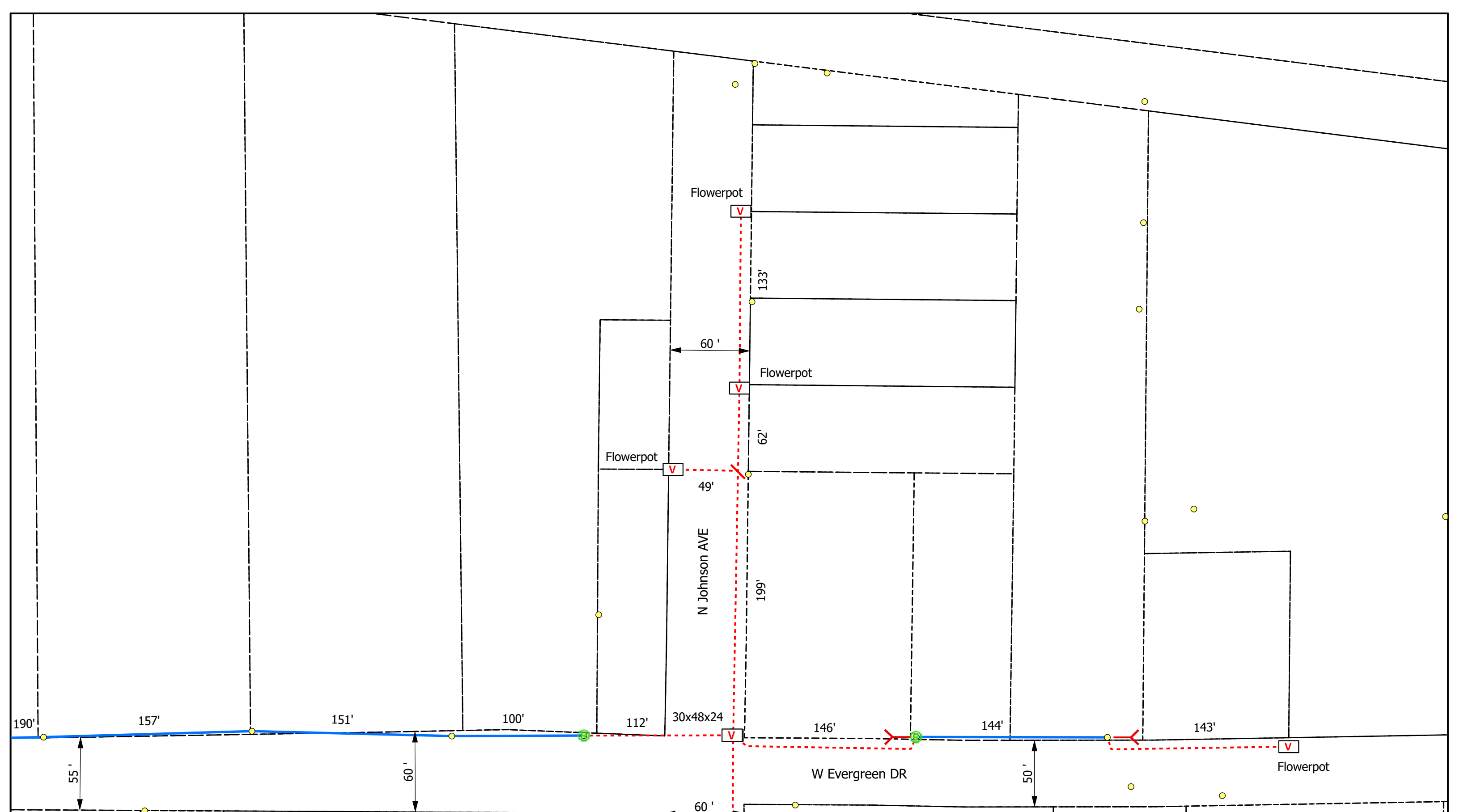
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION





Legend

- Poles
- V Vaults
- Overhead Strand
- Conduit
- R Risers
- Y Anchor
- └─┘ Sidewalk
- Bloomington_Parcels
- Grids

All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION



N State Road 37 45

N Kimble DR

95'

84'

156'

52'

116'

118'

127'



0 20 40 80 Feet

Legend

- Poles
- Ⓡ Risers
- ⌞ Sidewalk
- V Vaults
- Y Anchor
- Bloomington_Parcels
- Grids
- Overhead Strand
- Conduit

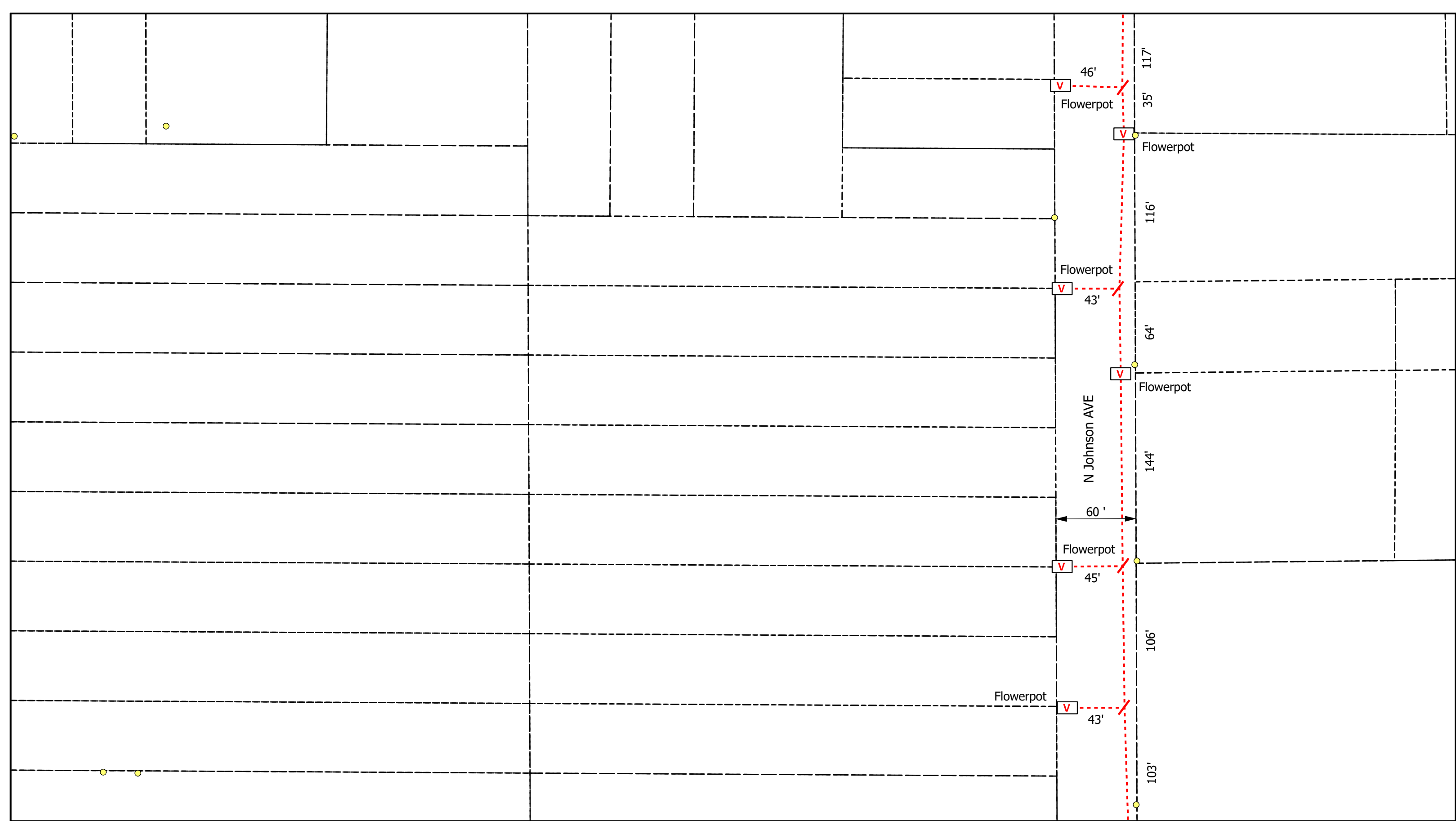
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

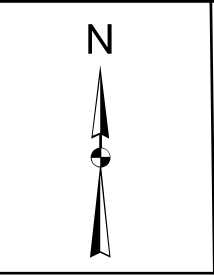
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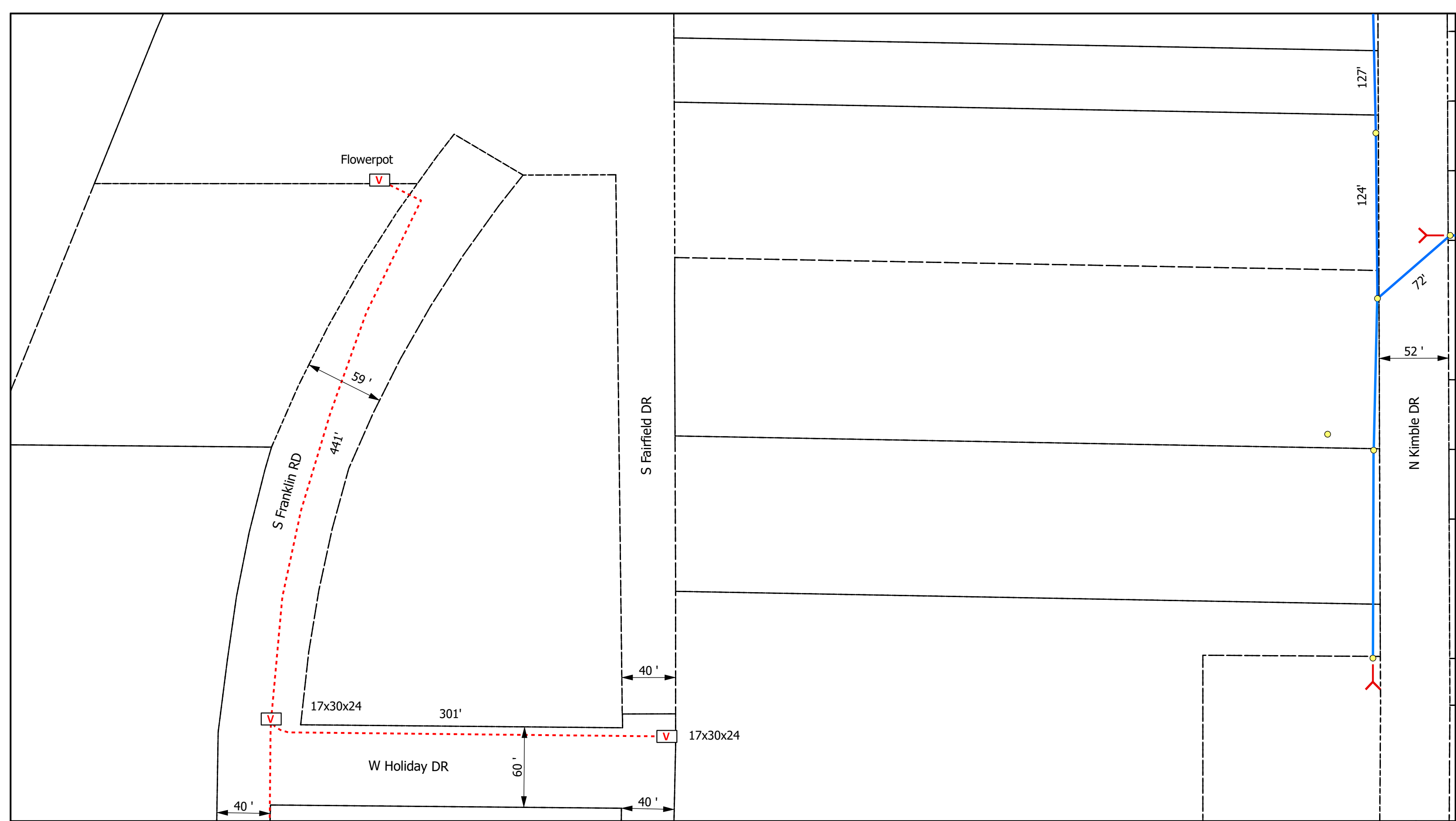
- Legend**
- Poles
 - V Vaults
 - Overhead Strand
 - Conduit
 - R Risers
 - Y Anchor
 - └─┘ Sidewalk
 - Bloomington_Parcels
 - Grids

All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION



Legend

- Poles
- Ⓡ Risers
- ⋈ Sidewalk
- V Vaults
- Y Anchor
- Bloomington_Parcels
- Grids
- Overhead Strand
- - - Conduit

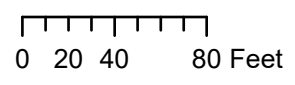
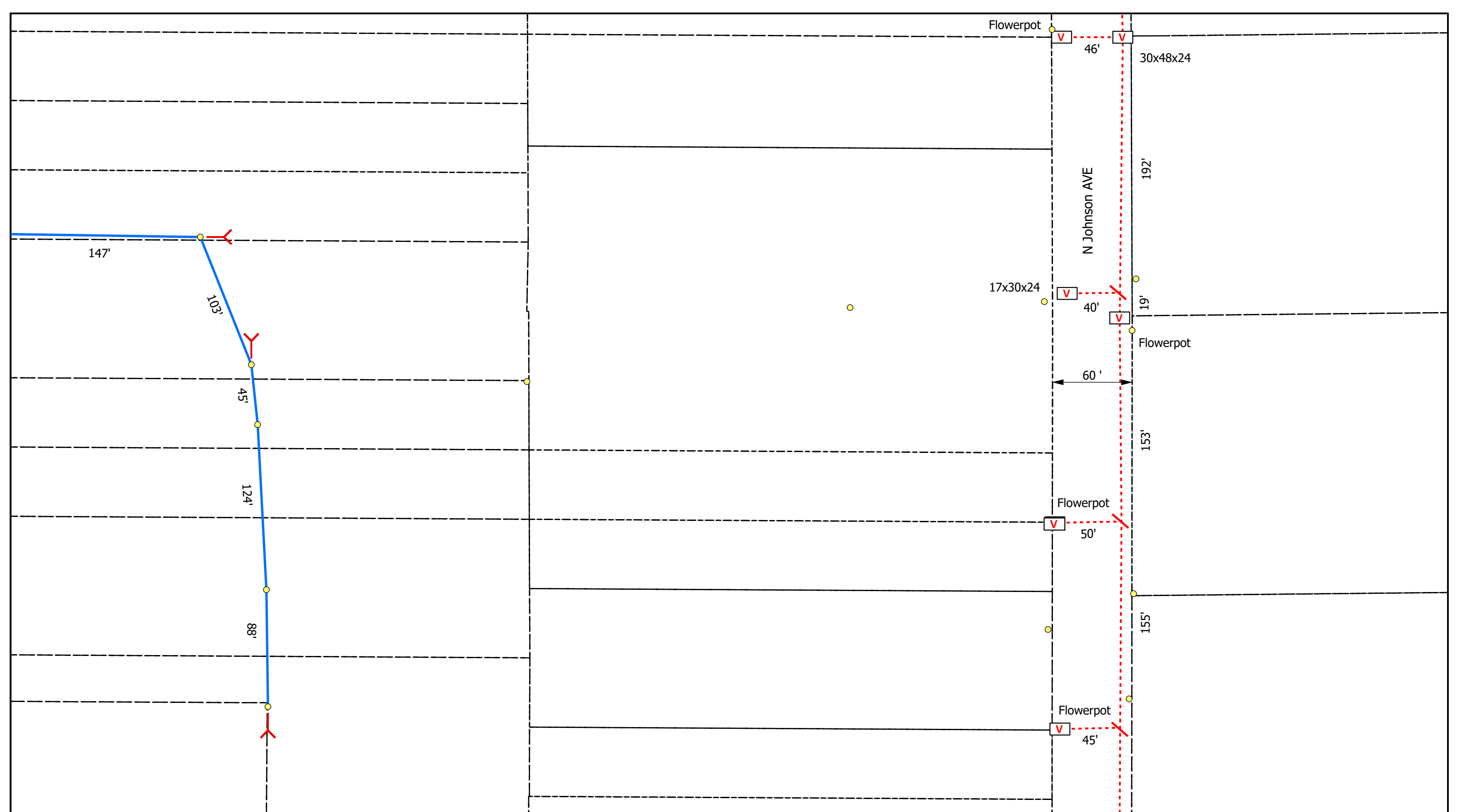
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION





Legend

- Poles
- Ⓡ Risers
- ⋈ Anchor
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- Overhead Strand
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- ⤴ Sidewalk
- Bloomington_Parcels
- Grids

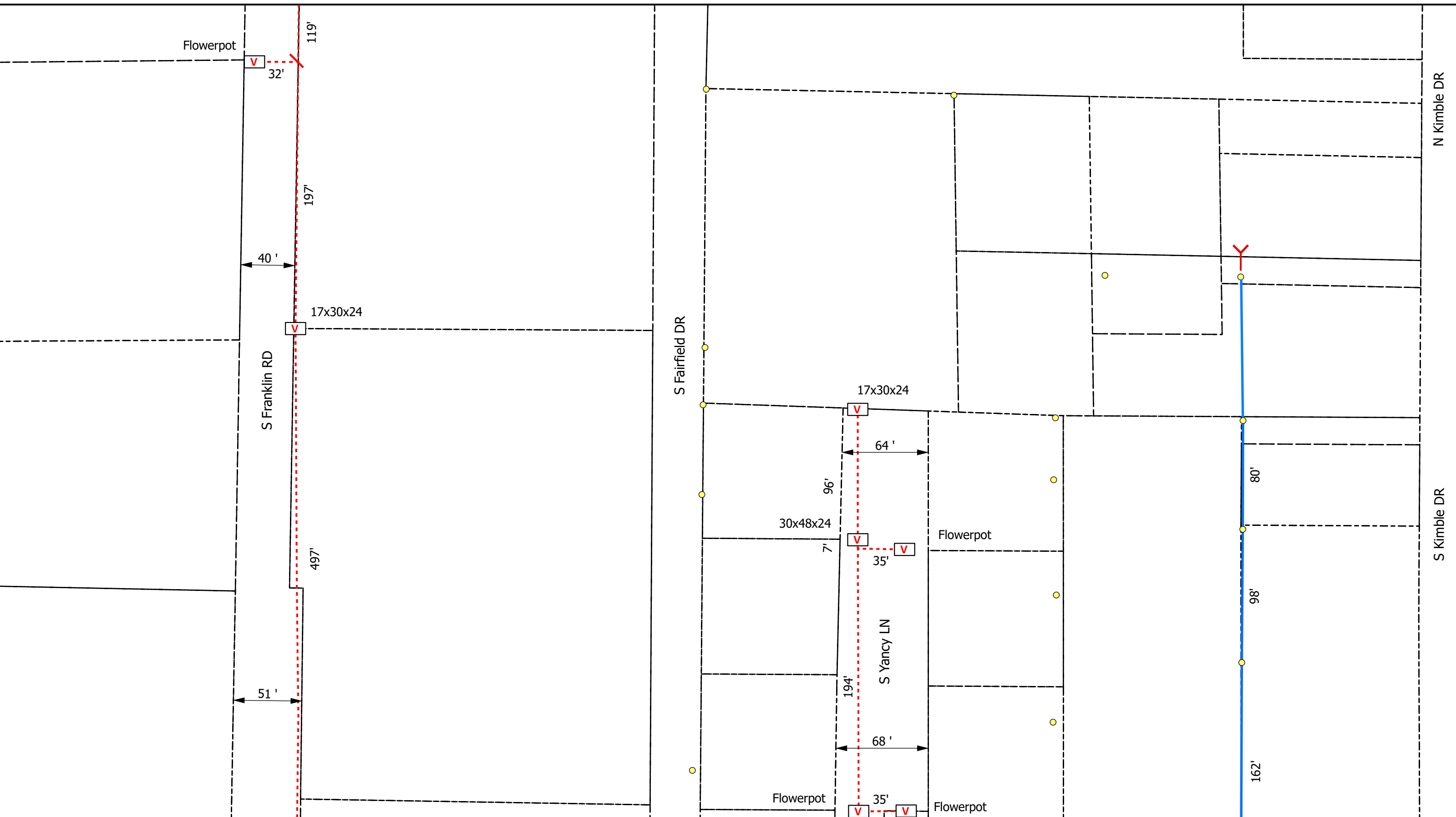
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

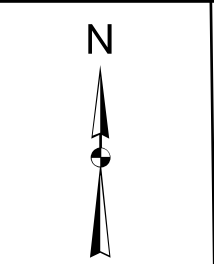
INI	BY	DATE	DESCRIPTION





- Legend**
- Poles
 - Ⓡ Risers
 - ⌞ Sidewalk
 - V Vaults
 - Y Anchor
 - Bloomington_Parcels
 - Grids
 - Overhead Strand
 - Conduit

All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION

N Kimble DR

S Kimble DR

Flowerpot

Flowerpot

Flowerpot

Flowerpot

V

V

V

V

S JOHNSON AVE

40'

60'

40'

38'

262'

58'

80'

40'

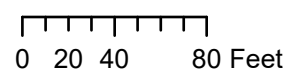
115'

30x48x24

64'

13'

Flowerpot



Legend

- Poles
- Ⓡ Risers
- ⌞ Sidewalk
- V Vaults
- Overhead Strand
- Y Anchor
- Bloomington_Parcels
- Grids
- Conduit

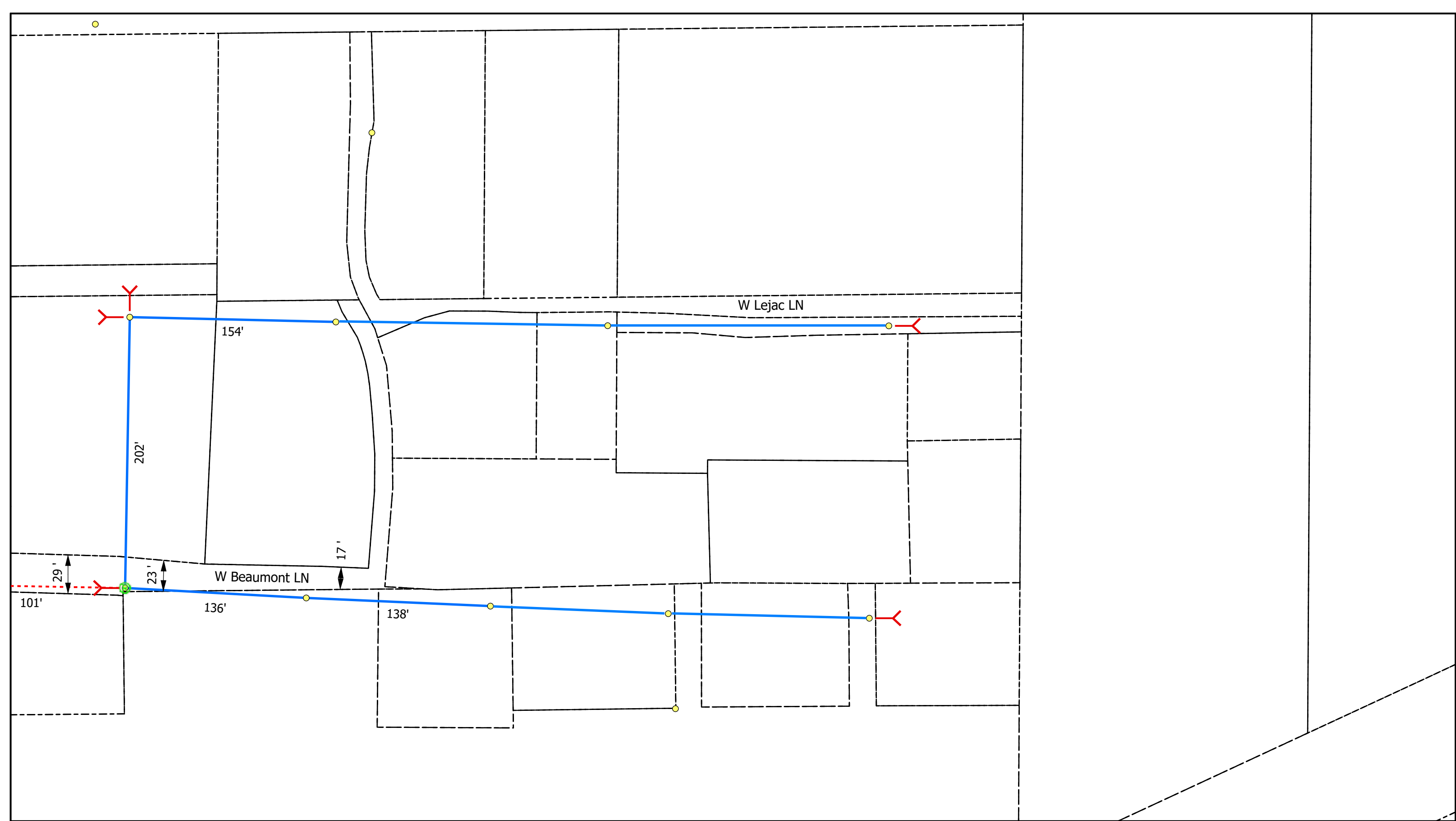
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

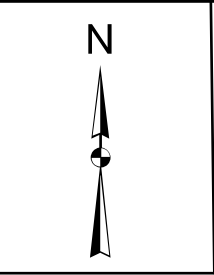
INI	BY	DATE	DESCRIPTION





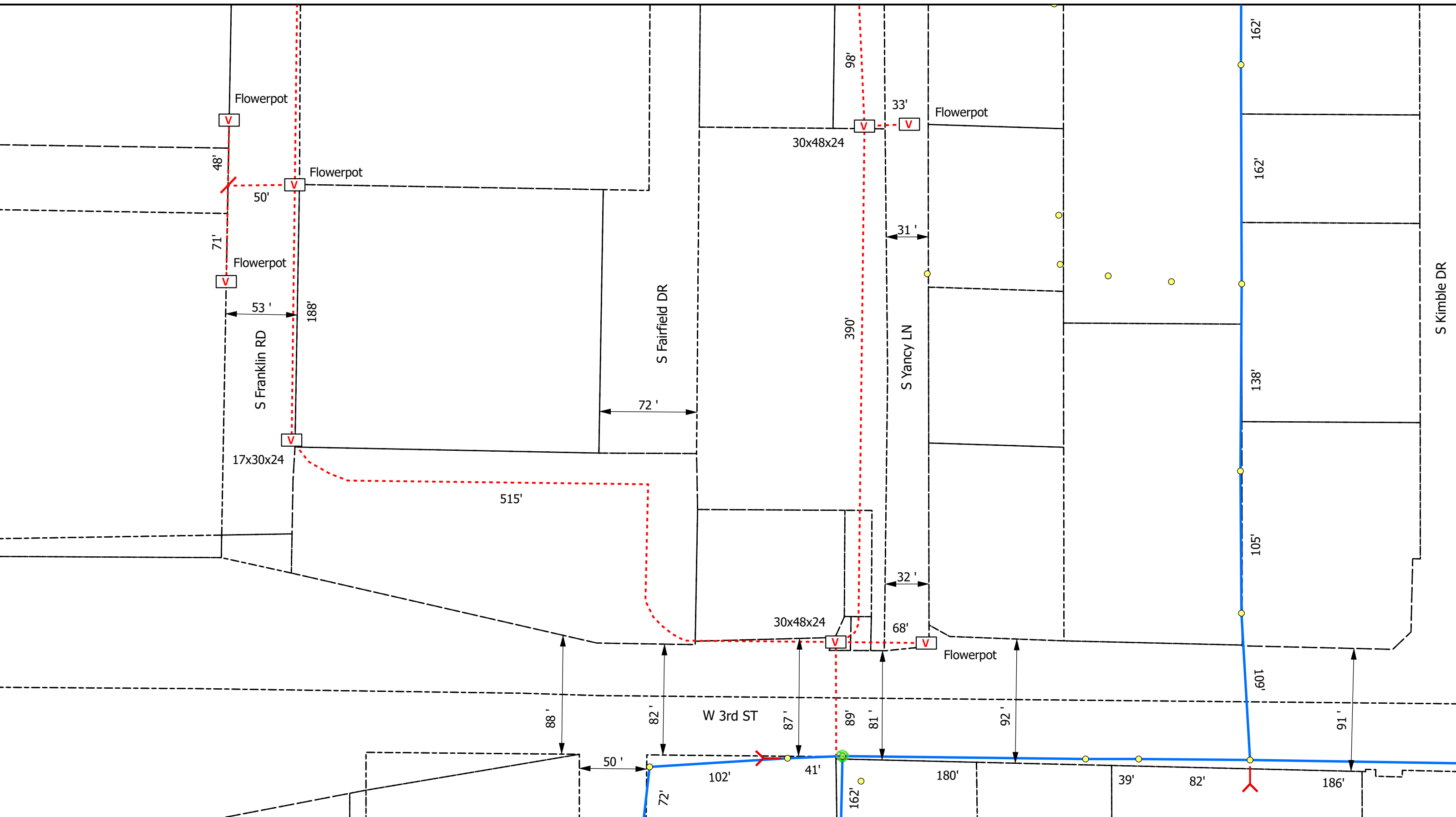
- Legend**
- Poles
 - Ⓡ Risers
 - ⋈ Anchors
 - V Vaults
 - Overhead Strand
 - Sidewalk
 - - - Conduit
 - Bloomington_Parcels
 - Grids

All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION



- Legend**
- Poles
 - Ⓡ Risers
 - ⋈ Sidewalk
 - V Vaults
 - Overhead Strand
 - Conduit
 - Y Anchor
 - Bloomington_Parcels
 - Grids

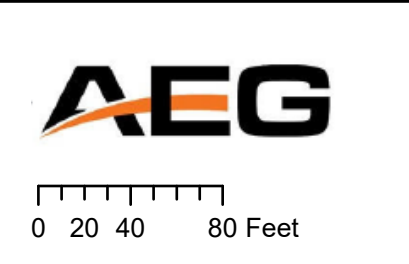
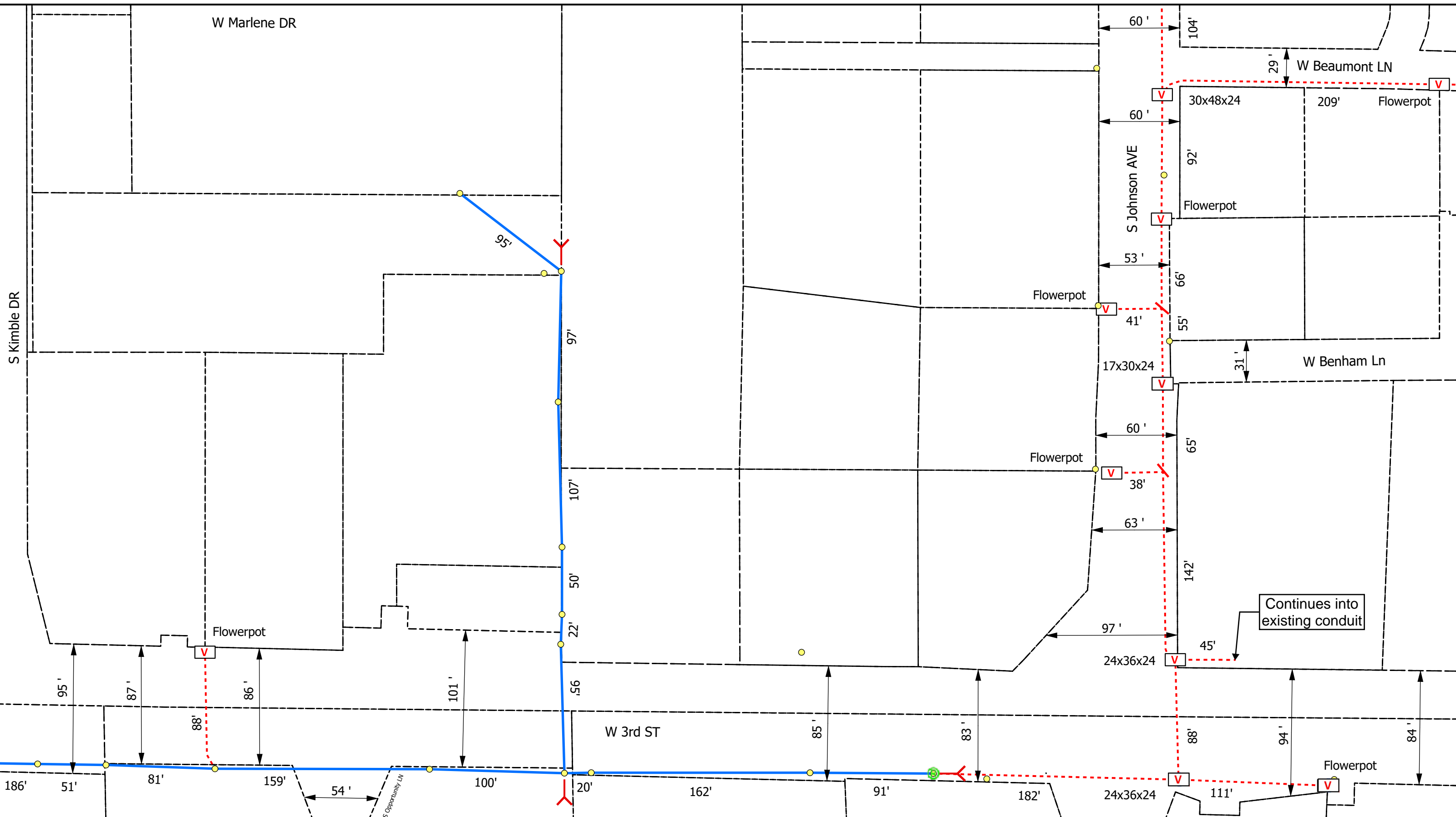
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION

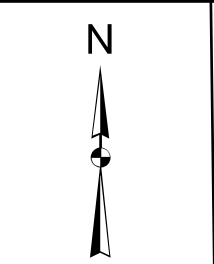




Legend

- Poles
- Vaults
- Overhead Strand
- Conduit
- Risers
- Anchor
- Sidewalk
- Bloomington_Parcels
- Grids

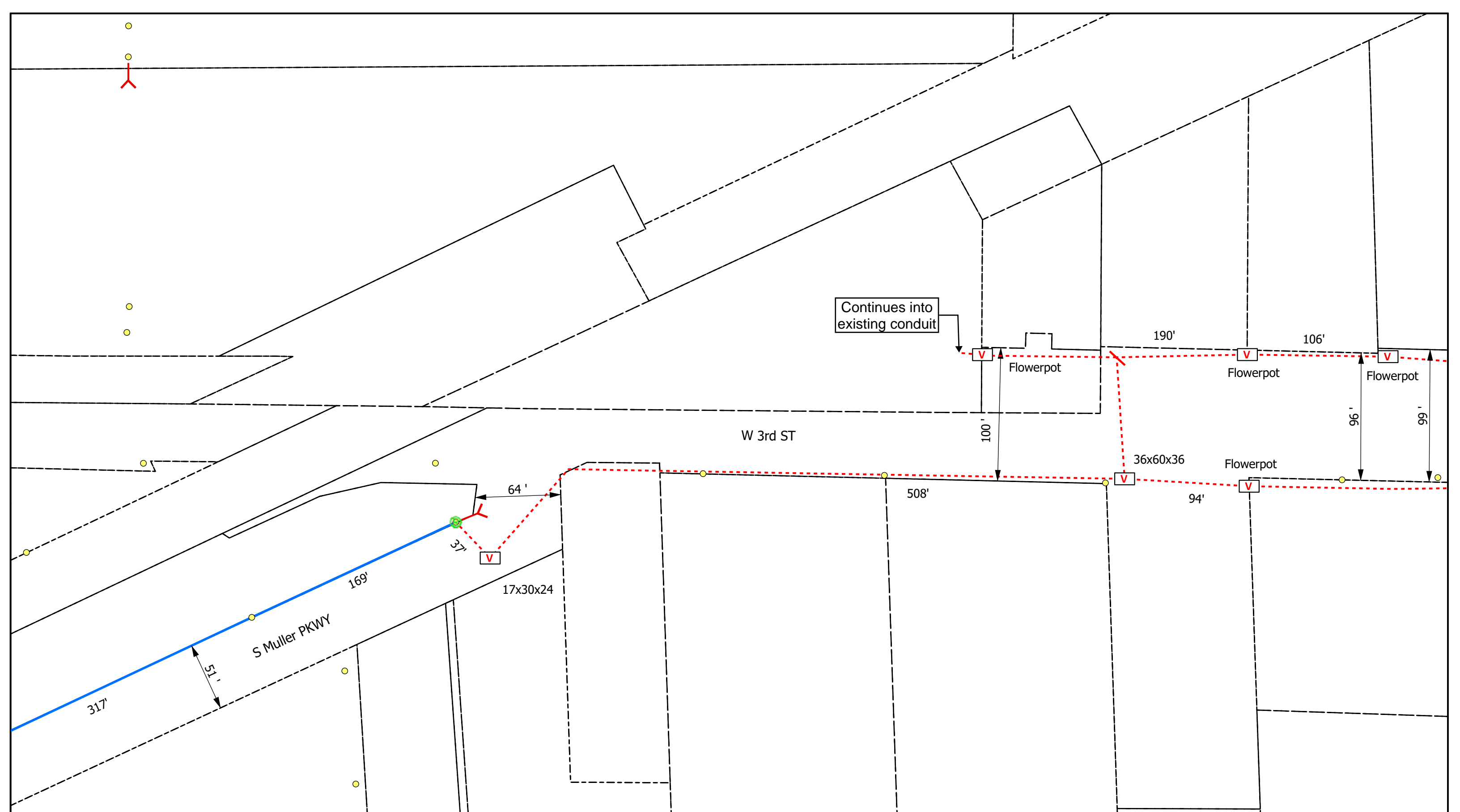
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

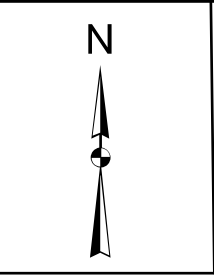
INI	BY	DATE	DESCRIPTION

Print 12 of 25



- Legend**
- Poles
 - Ⓡ Risers
 - Ⓜ Anchors
 - V Vaults
 - Overhead Strand
 - - - Conduit
 - ↖ Sidewalk
 - Bloomington_Parcels
 - Grids

All Flowerpots 12" DIA

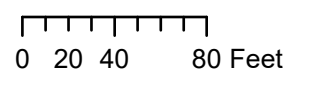
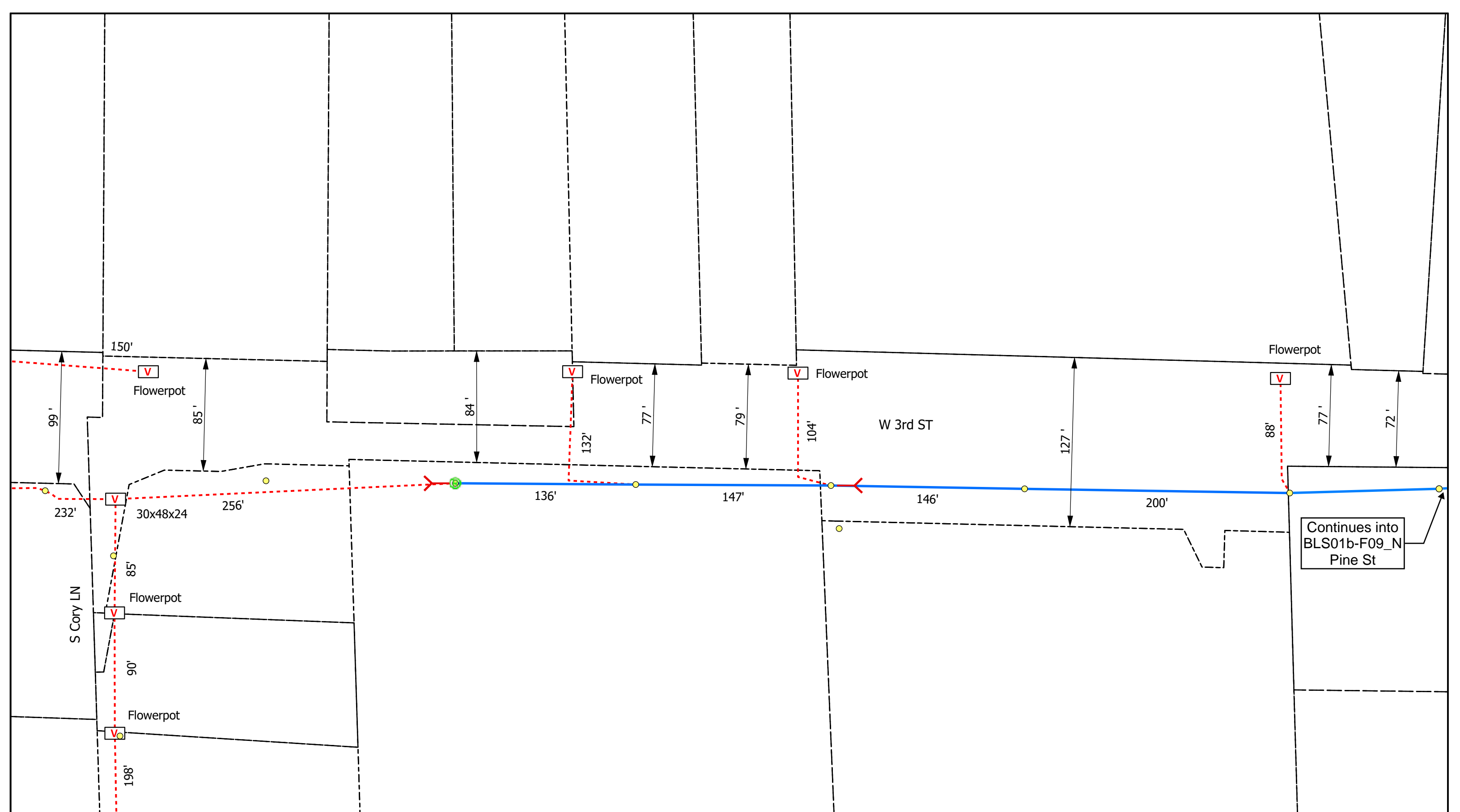


City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION



Print 13 of 25



Legend

- Poles
- V Vaults
- Overhead Strand
- Conduit
- R Risers
- Y Anchor
- ↖ Sidewalk
- Bloomington_Parcels
- Grids

All Flowerpots 12" DIA

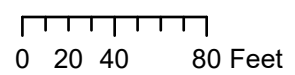
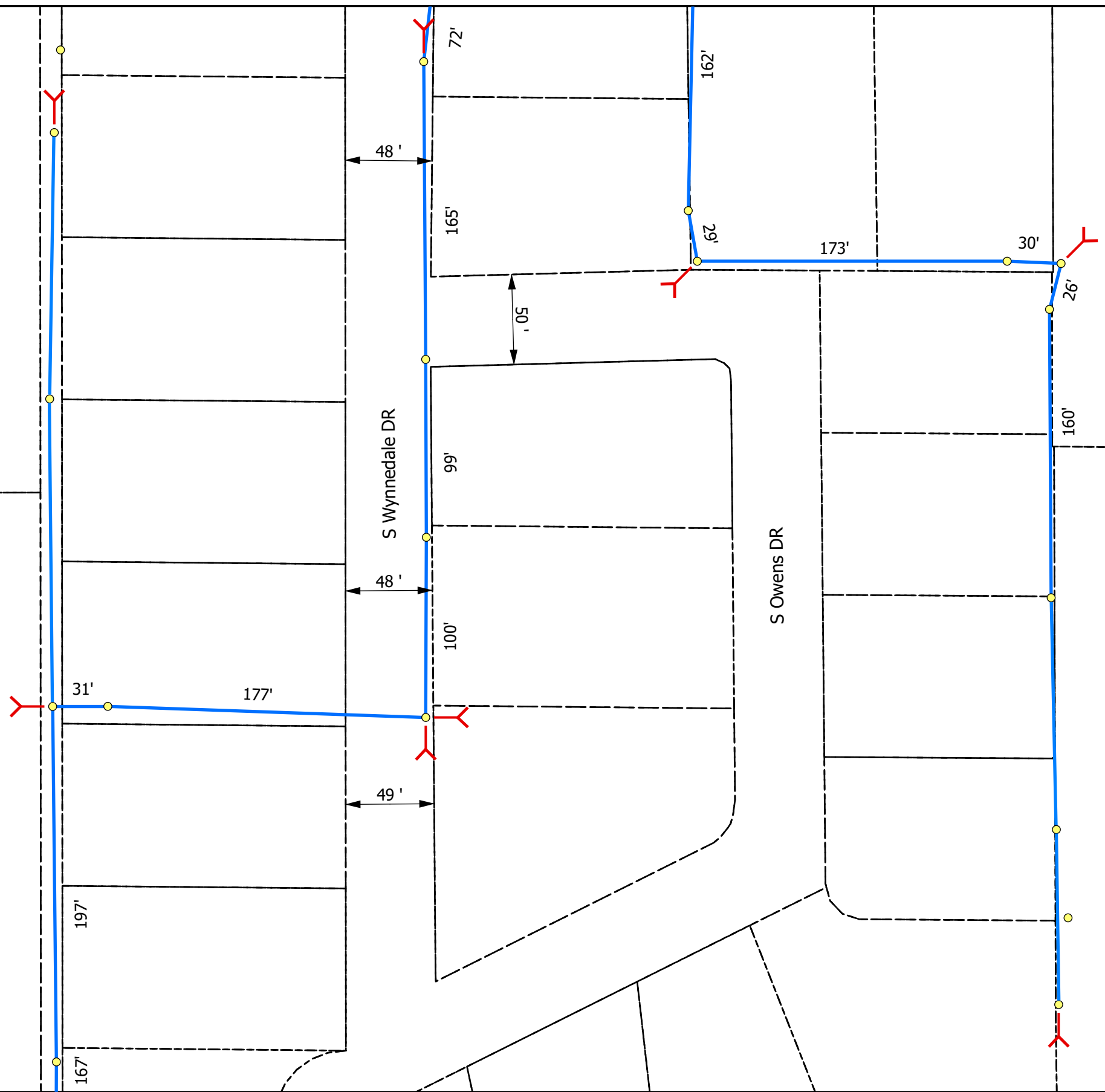


City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION



Access Drive to Showplace West



Legend

- Poles
- Ⓡ Risers
- ⋈ Anchors
- V Vaults
- Overhead Strand
- Conduit
- └ Sidewalk
- Bloomington_Parcels
- Grids

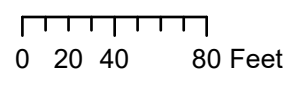
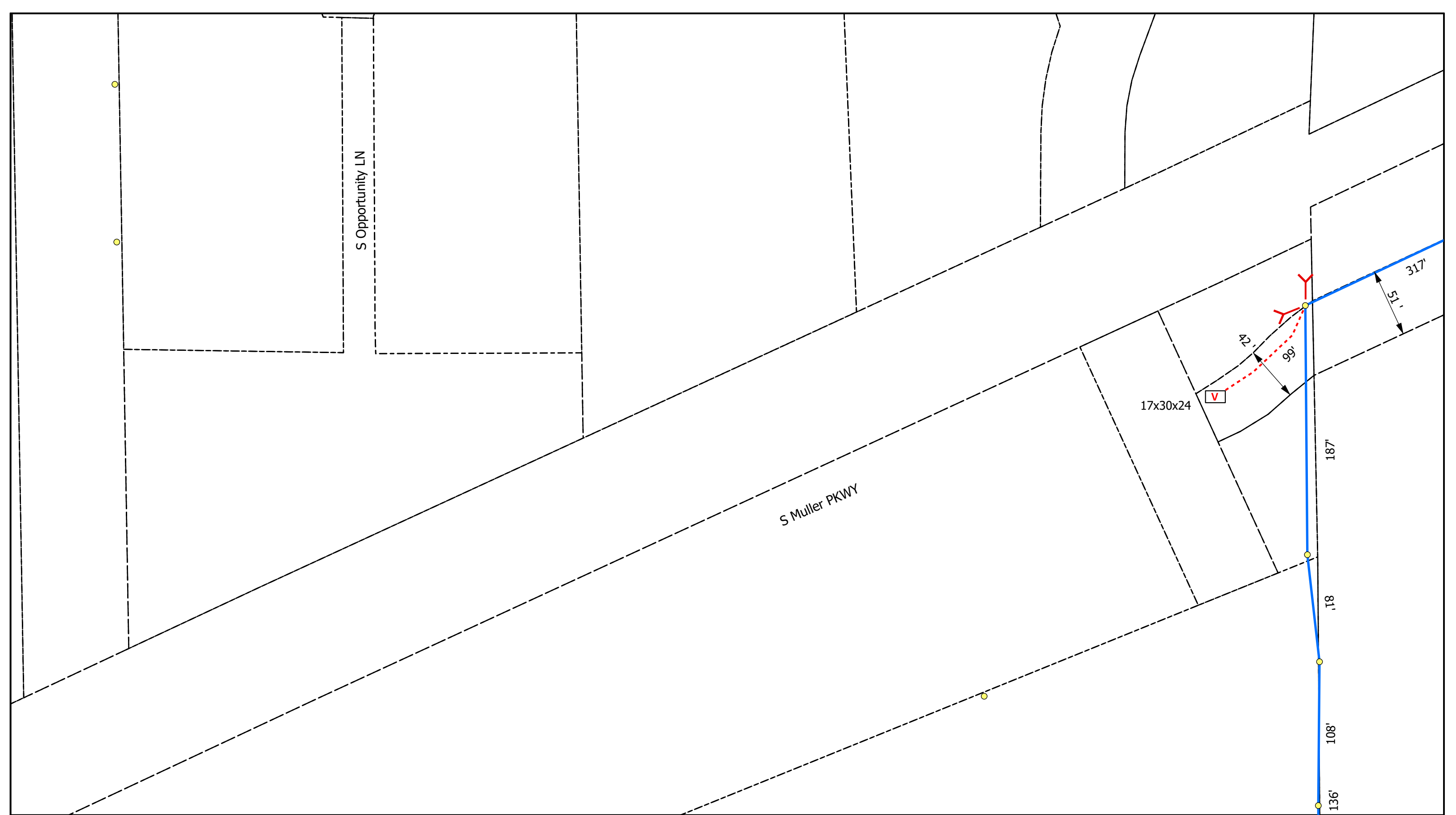
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION





Legend

- Poles
- Ⓡ Risers
- ⋈ Anchor
- V Vaults
- └┬┘ Sidewalk
- Bloomington_Parcels
- Overhead Strand
- - - Conduit
- Grids

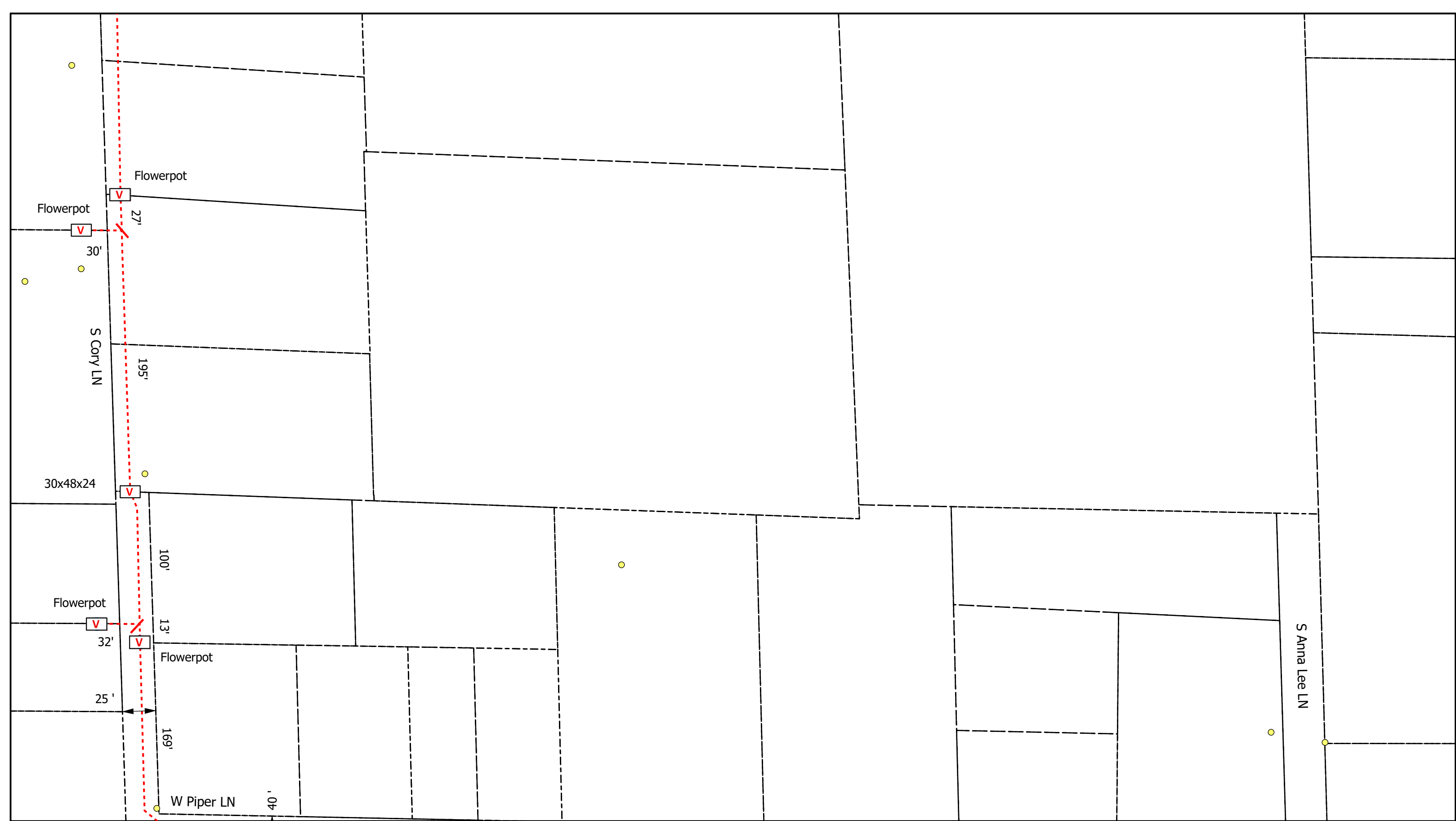
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION





0 20 40 80 Feet

Legend

- Poles
- Ⓡ Risers
- ⋈ Sidewalk
- V Vaults
- Overhead Strand
- Y Anchor
- Bloomington_Parcels
- Grids
- - - Conduit

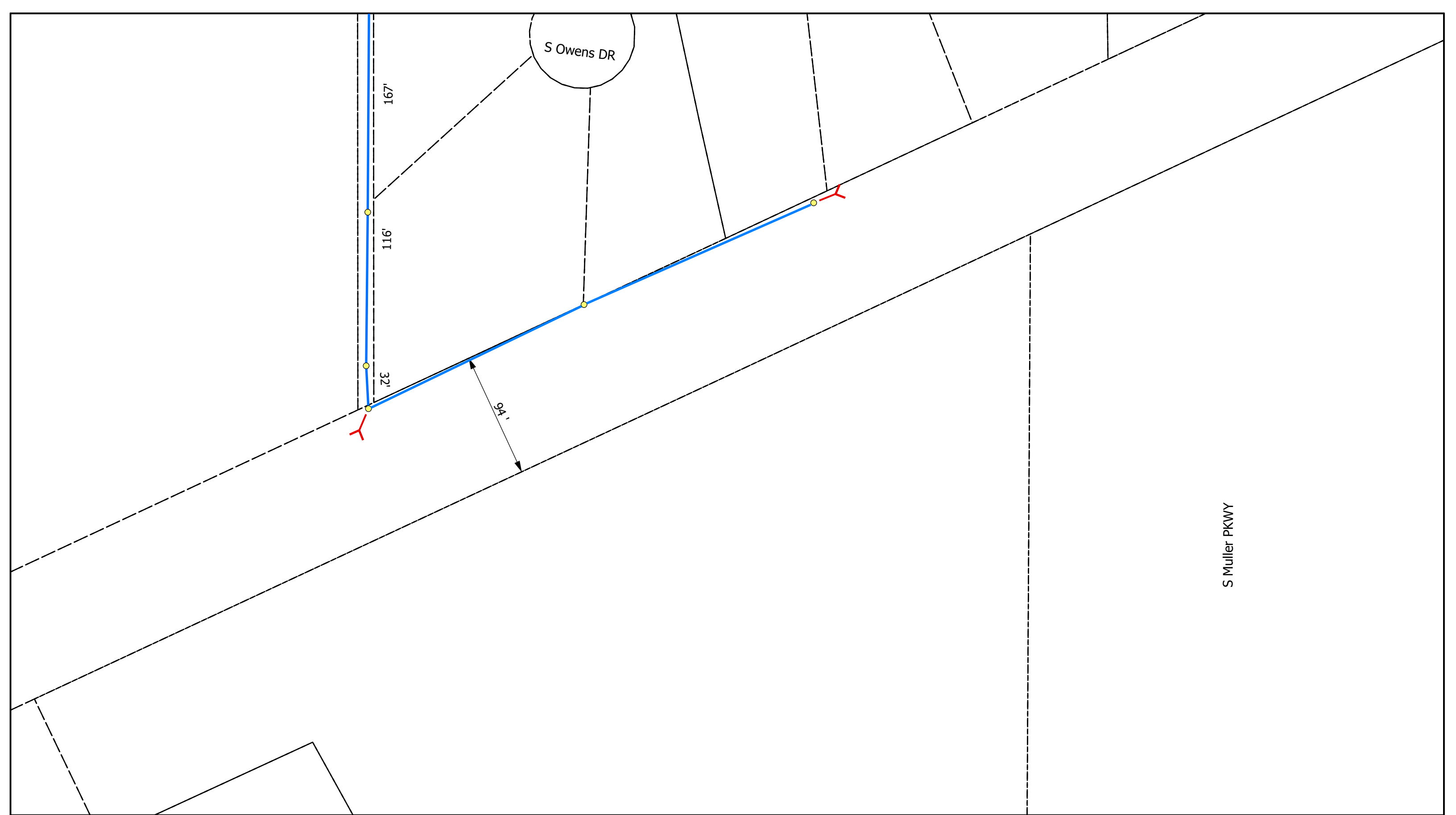
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION





S Muller PKWY

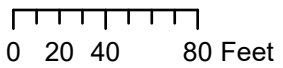
S Owens DR

167'

116'

32'

94'



Legend

- Poles
- Ⓡ Risers
- Ⓜ Sidewalk
- V Vaults
- Y Anchor
- Bloomington_Parcels
- Grids
- Overhead Strand
- Conduit

All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION



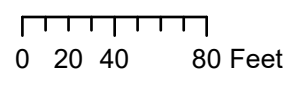
S Muller PKWY

136'










138'

107'

372'



Legend

-  Poles
-  Risers
-  Anchor
-  Vaults
-  Sidewalk
-  Bloomington_Parcels
-  Overhead Strand
-  Conduit
-  Grids

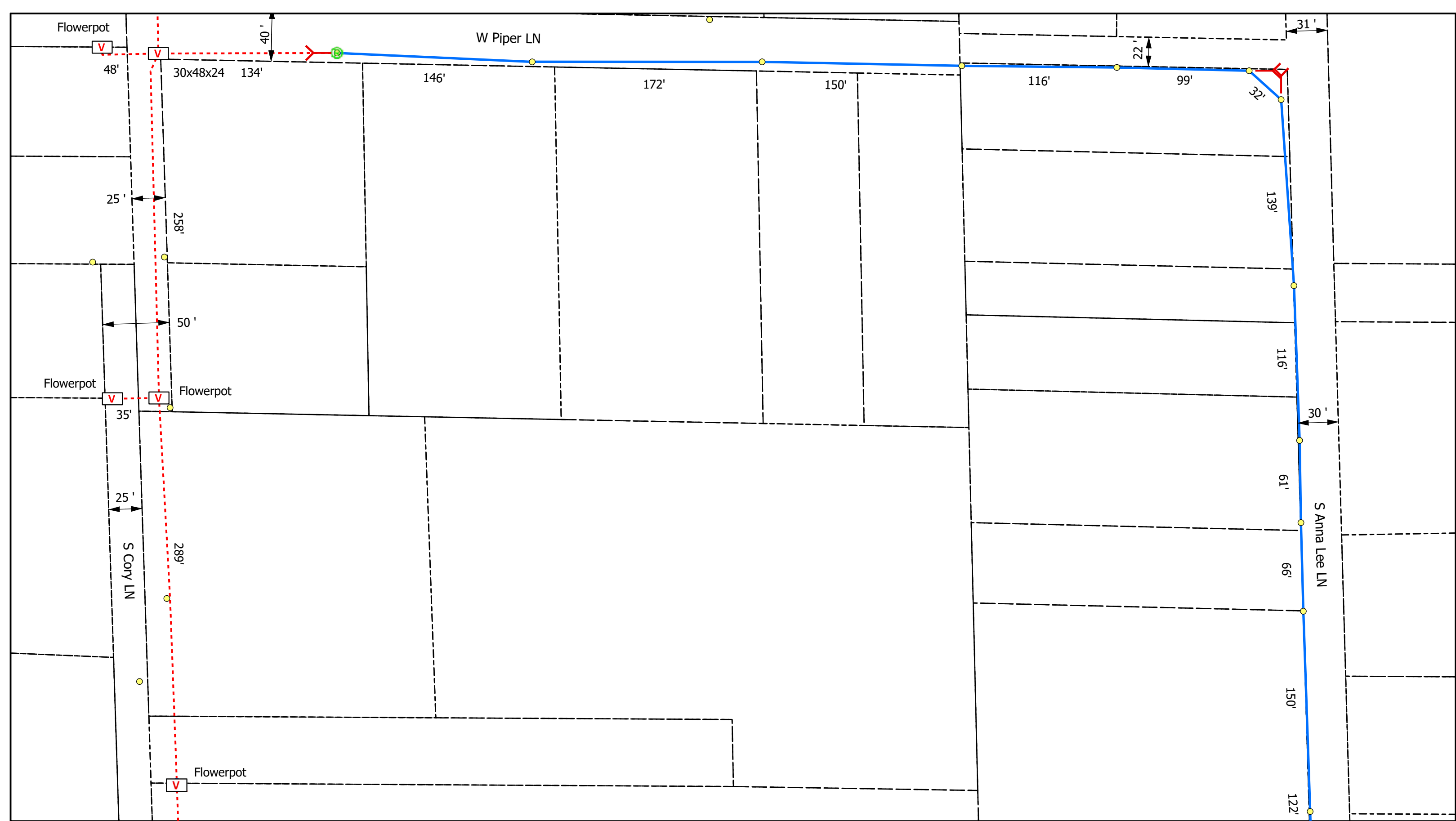
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION





- Legend**
- Poles
 - Risers
 - Vaults
 - Anchor
 - Overhead Strand
 - Sidewalk
 - Conduit
 - Bloomington_Parcels
 - Grids

All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION












S Muller PKWY

372'

250'

324'

Legend

-  Poles
-  Risers
-  Anchor
-  Vaults
-  Sidewalk
-  Bloomington_Parcels
-  Overhead Strand
-  Conduit
-  Grids

All Flowerpots 12" DIA



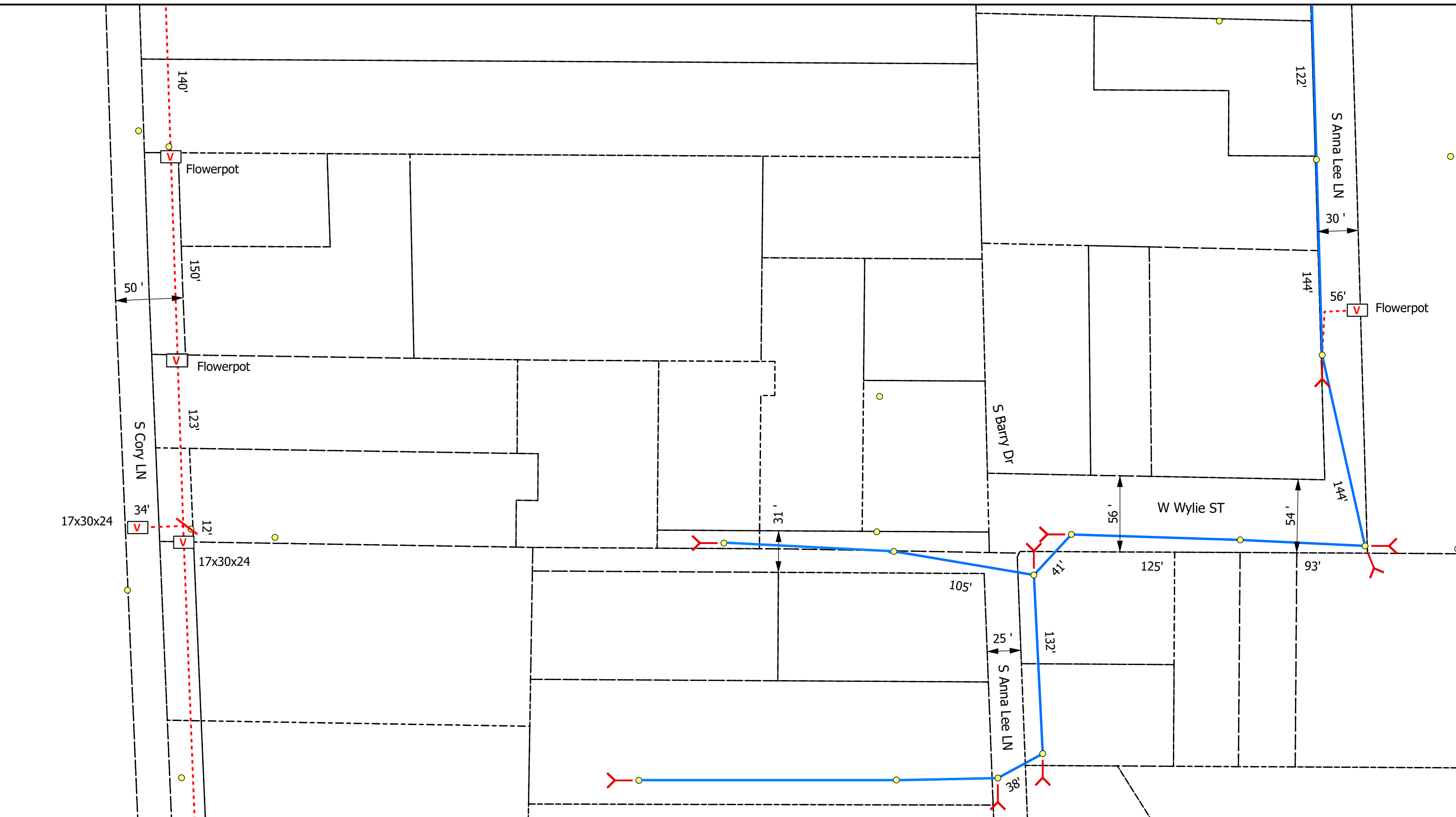
City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION



0 20 40 80 Feet





Legend

- Poles
- Ⓡ Risers
- ⋈ Anchors
- V Vaults
- Overhead Strand
- Conduit
- └ Sidewalk
- Bloomington_Parcels
- Grids

All Flowerpots 12" DIA



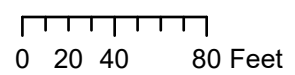
City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION












S Basswood DR

324'



Legend

-  Poles
-  Risers
-  Anchor
-  Sidewalk
-  Bloomington_Parcels
-  Vaults
-  Overhead Strand
-  Conduit
-  Grids

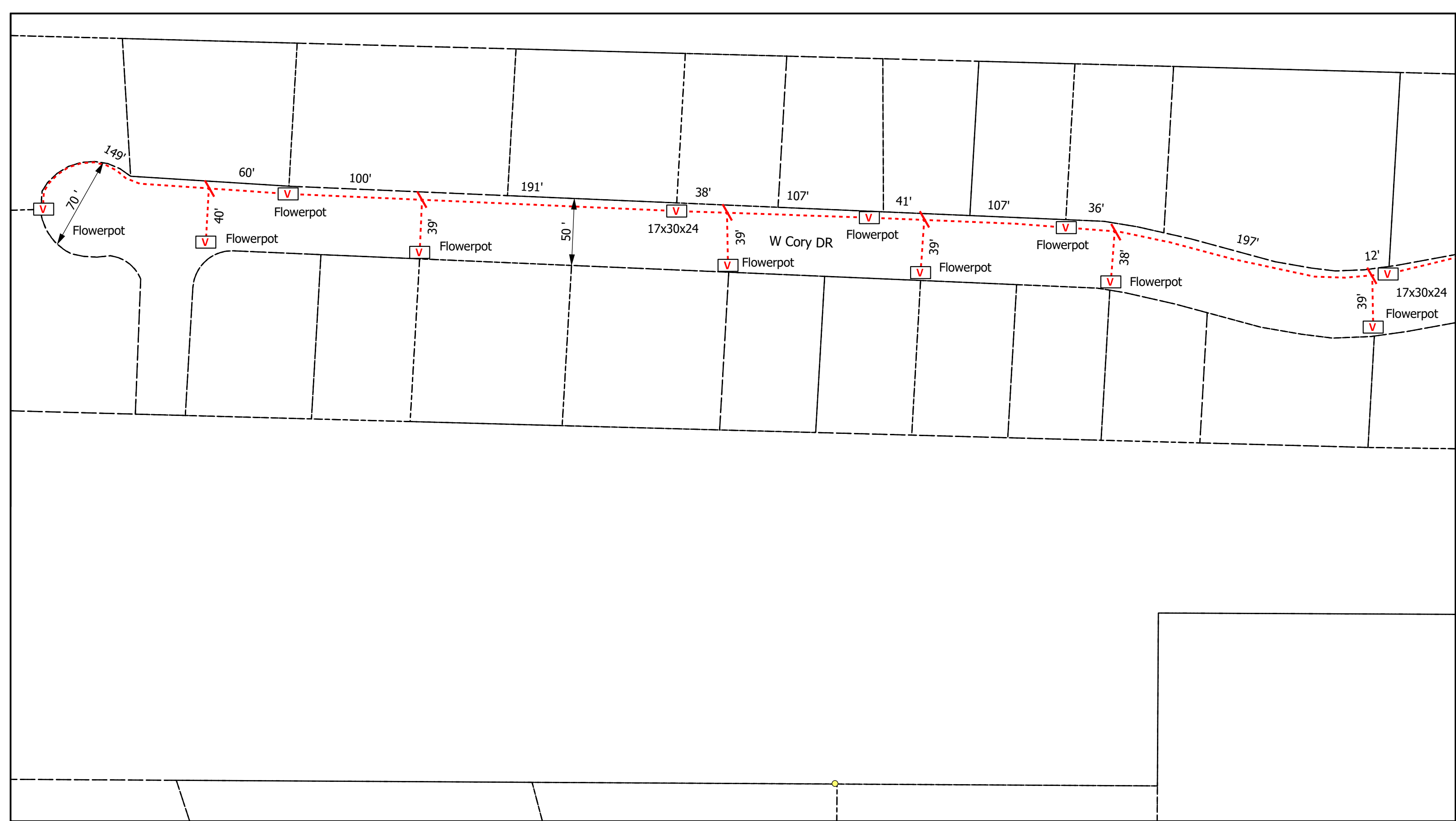
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION

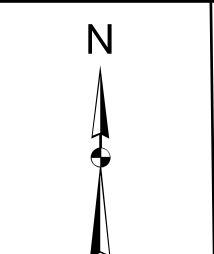




Legend

- Poles
- Ⓡ Risers
- ⋈ Anchors
- V Vaults
- Overhead Strand
- Conduit
- ↖ Sidewalk
- Bloomington_Parcels
- Grids

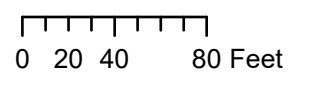
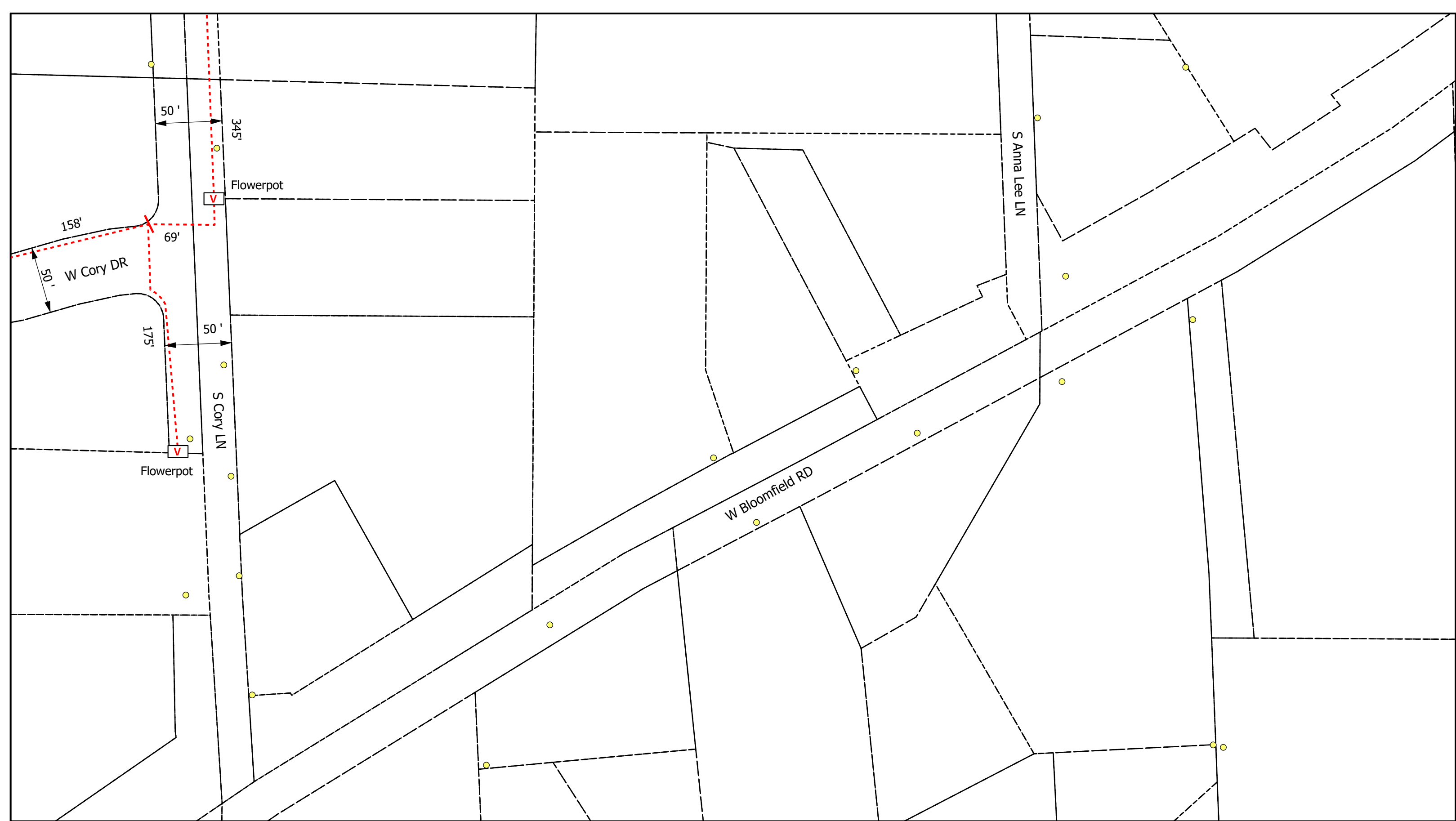
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION

Print 24 of 25



Legend

- Poles
- Ⓡ Risers
- ⋈ Sidewalk
- V Vaults
- Overhead Strand
- Y Anchor
- Bloomington_Parcels
- Grids
- Conduit

All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION



Carlton® PV-Mold® Nonmetallic Pole Riser System

Carlton PV-Mold is a nonmetallic pole riser system designed to protect communications power cable installed on poles.

Features:

- Meets or exceeds requirements outlined in the National Electric Safety Code (NESC).
- Designed in accordance with NEMA TC-19 specifications.
- Ultraviolet, cold temperature and corrosive atmosphere resistant.
- Schedule 40 wall meets Schedule 80 PVC conduit impact requirements per NEMA TC-19.
- No grounding required.
- Belled end fits over each added section or conduit.
- Flame retardant.
- Requires no maintenance.
- PV-Mold acts as an insulator against electrical shock.
- Interchangeable parts and accessories to match the needs of specific requirements.

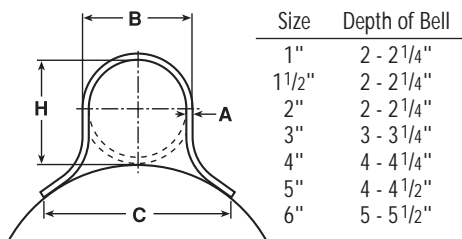


Steel U-Guard requires grounding strapping and does not have belled ends.



PV-Mold has belled ends, flanged design and does not require grounding.

Flanged Overall Length 10 Feet, Including Bell

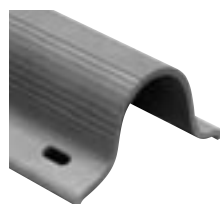


Slots are 1/2" from side to side, and allow for expansion and contraction.

Slot Dimensions: for sizes 2" through 6" are 5/16" wide, 3/4" long.

Slot Dimensions: for 1" and 1 1/2" are 3/16" wide, 3/4" long.

Slot Spacing: 18" from center, beginning 6" from end.



Standard Duty

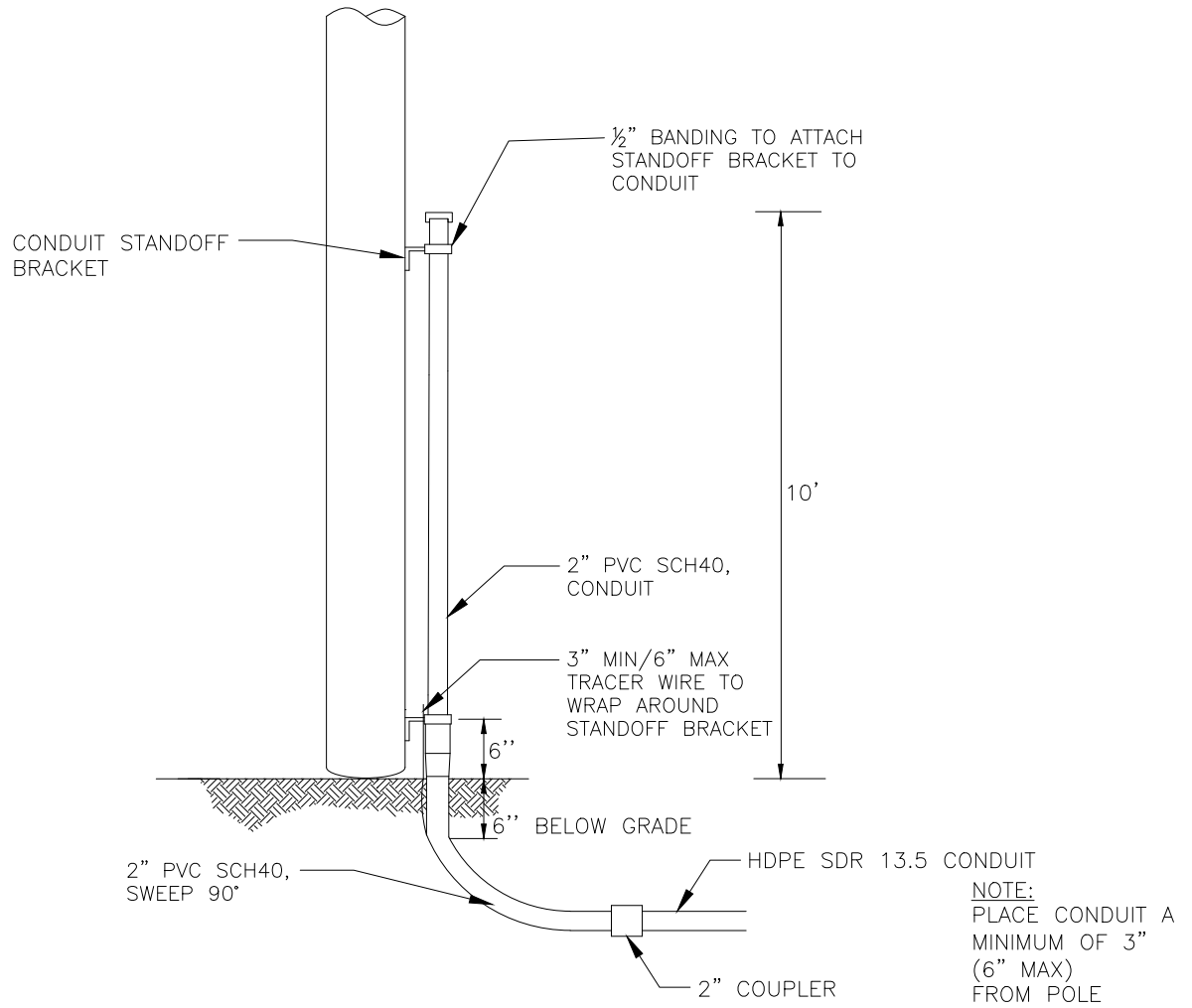
Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)	Dimensions				Actual Impact @ 0°C 20 Pound Top
				A	B	C	H	
59208N	1"	294	1059	0.100"	1 5/8"	2 3/8"	1 5/8"	40 Ft.-Lbs.
59211N	2"	136	726	0.100"	2 3/8"	4 1/2"	2 3/8"	100 Ft.-Lbs.
59211X (5' length)	2"	136	363	0.100"	2 3/8"	4 1/2"	2 3/8"	100 Ft.-Lbs.
59213N	3"	66	761	0.150"	3 1/2"	6"	3 1/2"	110 Ft.-Lbs.
59213X (5' length)	3"	66	381	0.150"	3 1/2"	6"	3 1/2"	100 Ft.-Lbs.
59215N	4"	65	910	0.150"	4 1/2"	6 1/2"	4 1/2"	110 Ft.-Lbs.
59216N	5"	30	515	0.150"	5 1/2"	7 1/2"	5 1/2"	110 Ft.-Lbs.

Heavy Duty Schedule 40

59010N	1 1/2"	200	1142	0.145"	1 29/32"	3 1/2"	1 29/32"	100 Ft.-Lbs.
59011N	2"	136	1214	0.154"	2 3/8"	4 1/2"	2 3/8"	150 Ft.-Lbs.
59013N	3"	66	937	0.216"	3 1/2"	6"	3 9/32"	150 Ft.-Lbs.
59015N	4"	65	1621	0.237"	4 1/2"	6 1/2"	4 1/2"	260 Ft.-Lbs.
59015X (5' length)	4"	65	707	0.237"	4 1/2"	6 1/2"	4 1/2"	260 Ft.-Lbs.
59016N	5"	30	870	0.258"	5 1/2"	7 1/2"	5 1/2"	260 Ft.-Lbs.
59017N	6"	30	1160	0.280"	6 5/8"	8 3/4"	6 5/8"	260 Ft.-Lbs.

Extra Heavy Duty Schedule 80

59411N	2"	136	1549	0.218"	2 3/8"	4 1/2"	2 3/8"	300 Ft.-Lbs.
59413N	3"	66	1495	0.030"	3 1/2"	6"	3 1/2"	525 Ft.-Lbs.



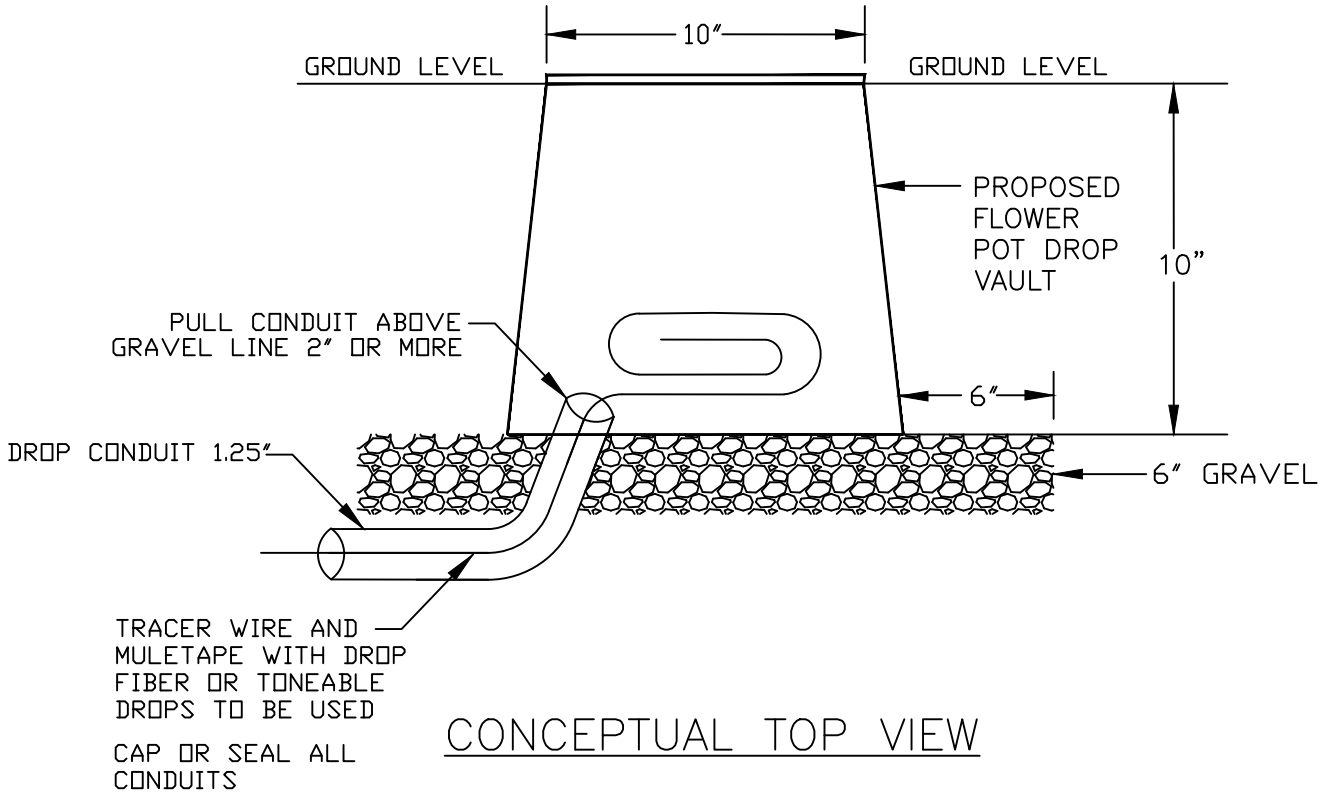
DESCRIPTION	QTY	MANUFACTURER (PREFERRED)	PART #
SCREW, LAG, 1/2" x 4-1/2"	10		
HDPE SDR 13.5 CONDUIT, VARIOUS SIZES	N/A		
2" PVC SCH40, RISER PIPE	1		
#12 TRACER WIRE	N/A		
2" PVC SCH40, SWEEP, 90 DEG	1		
CONDUIT STANDOFF BRACKET	VARIES		
CONDUIT STRAP KIT	VARIES		
2" COUPLER	1		



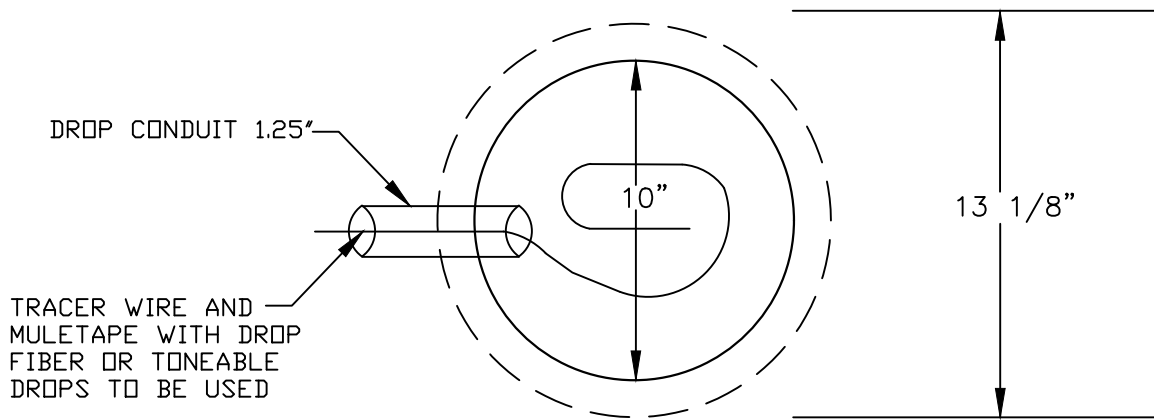
TYPICAL RISER
CONDUIT
WOOD POLE

(R2-W)

CONCEPTUAL SIDE VIEW



CONCEPTUAL TOP VIEW

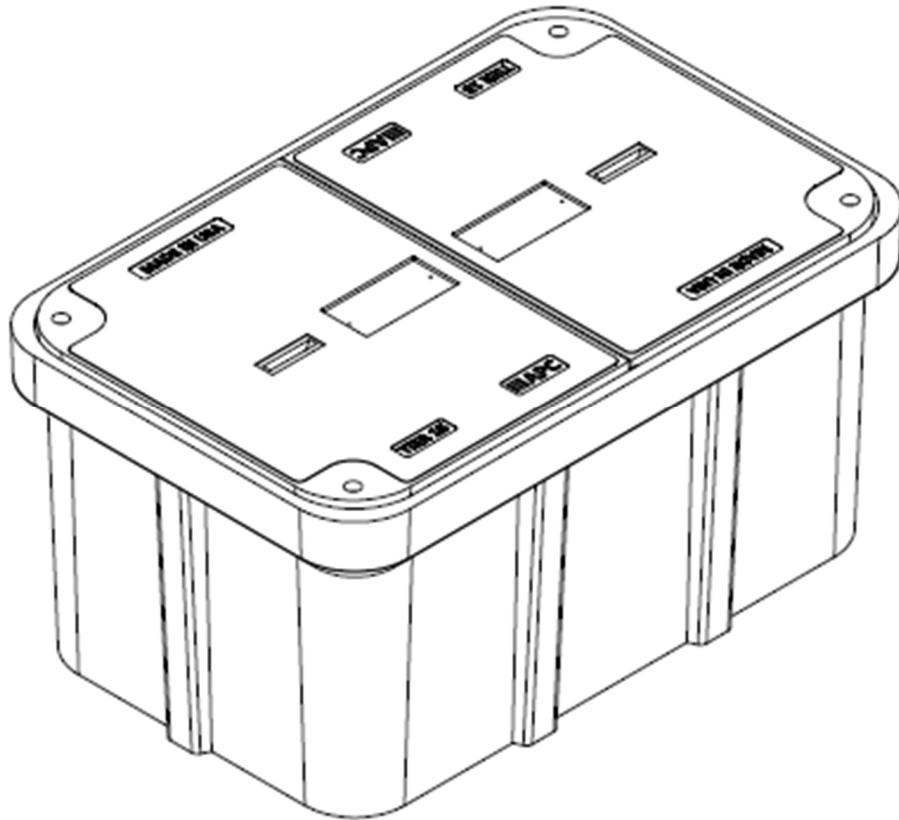


FLOWER POT

30"x48" PC UNIT, 2PC TIER 15/22
 18", 24", and 36" HEIGHT



AMERICAN POLYMER COMPANY



Description	Nominal Size	ANSI Tier	Part Number	Estimated Weight
PC Unit – TIER 15	30"x48"x18"	Tier 15	P304818HU15...	460 lbs.
PC Unit – TIER 22	30"x48"x18"	Tier 22	P304818HU22...	525 lbs.
PC Unit – TIER 15	30"x48"x24"	Tier 15	P304824HU15...	510 lbs.
PC Unit – TIER 22	30"x48"x24"	Tier 22	P304824HU22...	575 lbs.
PC Unit – TIER 15	30"x48"x36"	Tier 15	P304836HU15...	615 lbs.
PC Unit – TIER 22	30"x48"x36"	Tier 22	P304836HU22...	680 lbs.

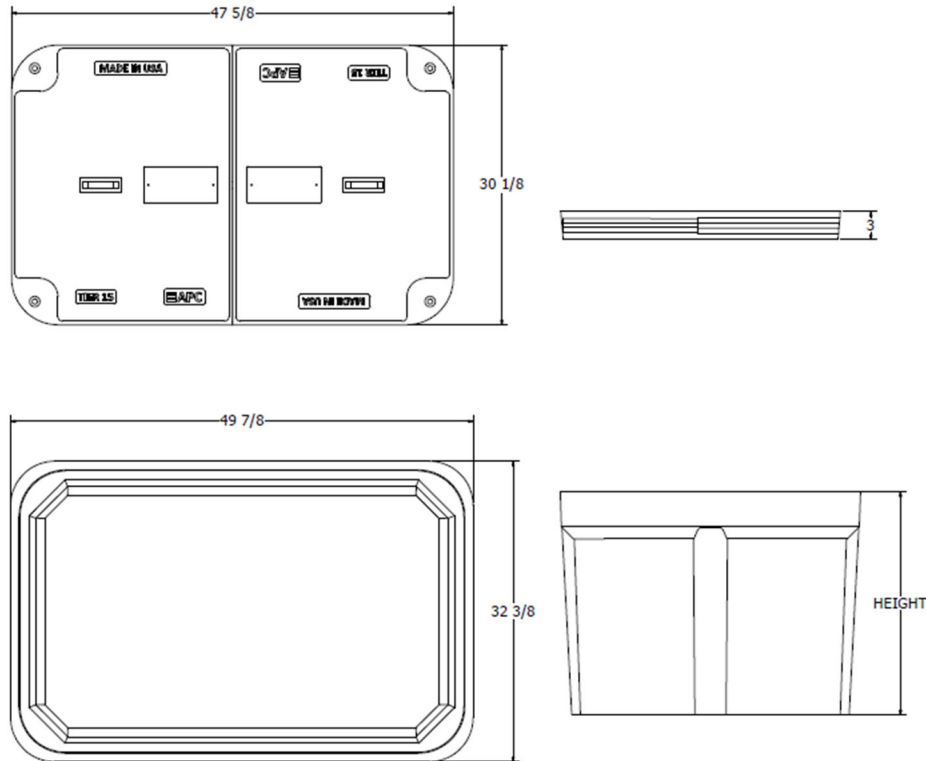


30"x48" PC UNIT, 2PC TIER 15/22

18", 24", and 36" HEIGHT



AMERICAN POLYMER COMPANY



Components	Nominal Size	ANSI Tier	Part Number	Estimated Weight
Replacement Box	30"x48"x18"	Tier 22	P304818B22	185 lbs.
Replacement Box	30"x48"x24"	Tier 22	P304824B22	235 lbs.
Replacement Box	30"x48"x36"	Tier 22	P304836B22	340 lbs.
Replacement Lids - T15	30"x48" (half)	Tier 15	Various	150 lbs.
Replacement Lids - T22	30"x48" (half)	Tier 22	Various	170 lbs.

Bolt options



Machine Thread



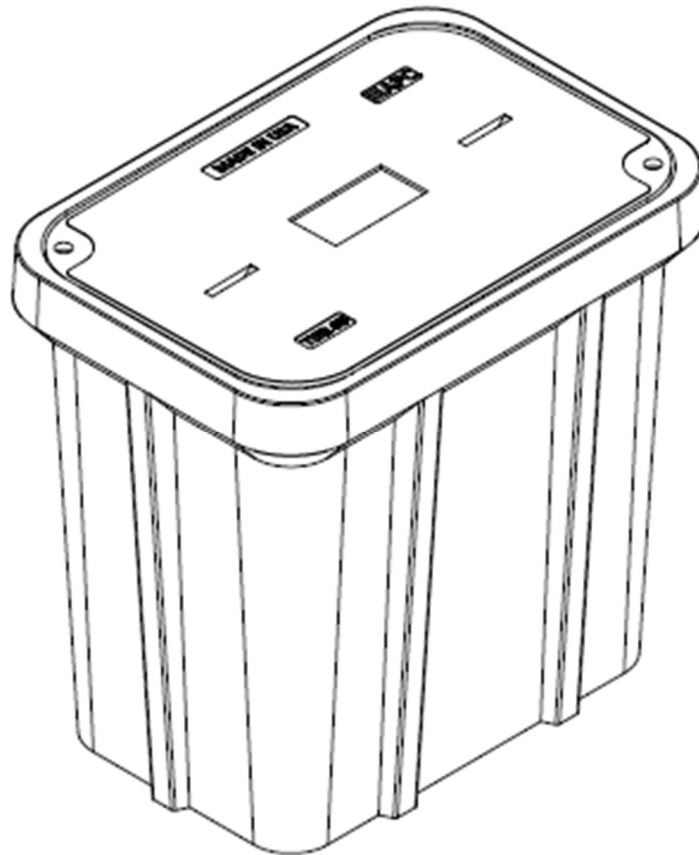
Auger Thread



24"x36" PC UNIT, TIER 15/22
 18", 24", 30", and 36" HEIGHT



AMERICAN POLYMER COMPANY



Description	Nominal Size	ANSI Tier	Part Number	Estimated Weight
PC Unit – TIER 15	24x36"x18"	Tier 15	P243618U15...	335 lbs.
PC Unit – TIER 22	24x36"x18"	Tier 22	P243618U22...	355 lbs.
PC Unit – TIER 15	24x36"x24"	Tier 15	P243624U15...	365 lbs.
PC Unit – TIER 22	24x36"x24"	Tier 22	P243624U22...	385 lbs.
PC Unit – TIER 15	24x36"x30"	Tier 15	P243630U15...	395 lbs.
PC Unit – TIER 22	24x36"x30"	Tier 22	P243630U22...	415 lbs.
PC Unit – TIER 15	24x36"x36"	Tier 15	P243636U15...	425 lbs.
PC Unit – TIER 22	24x36"x36"	Tier 22	P243636U22...	445 lbs.

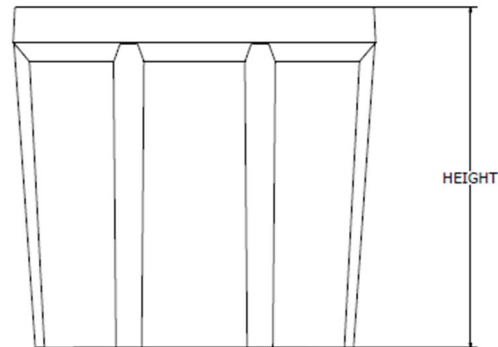
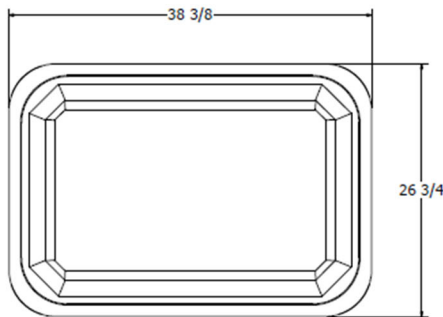
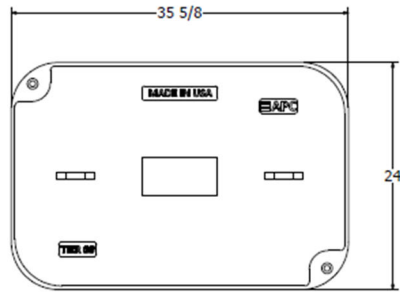


24"x36" PC UNIT, TIER 15/22

18", 24", 30", and 36" HEIGHT



AMERICAN POLYMER COMPANY



Components	Nominal Size	ANSI Tier	Part Number	Estimated Weight
Replacement Box	24"x36"x18"	Tier 22	P243618B22	165 lbs.
Replacement Box	24"x36"x24"	Tier 22	P243624B22	195 lbs.
Replacement Box	24"x36"x30"	Tier 22	P243630B22	225 lbs.
Replacement Box	24"x36"x36"	Tier 22	P243636B22	255 lbs.
Replacement Lids - T15	24"x36"	Tier 15	Various	170 lbs.
Replacement Lids - T22	24"x36"	Tier 22	Various	190 lbs.

Bolt options

Hex Head



Machine Thread



Penta Head



Auger Thread

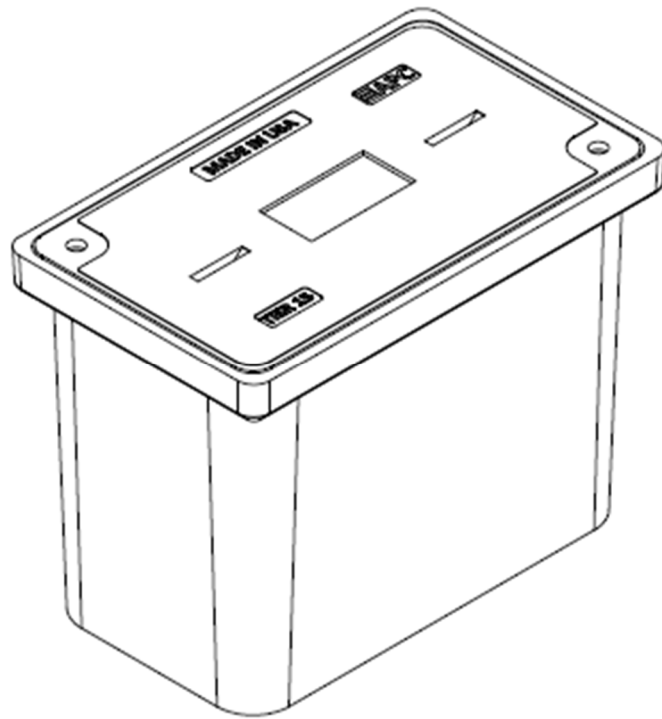


17"x30" PC UNIT, TIER 15/22

12", 18", 24", and 30" HEIGHT



AMERICAN POLYMER COMPANY



Description	Nominal Size	ANSI Tier	Part Number	Estimated Weight
PC Unit – TIER 15	17"x30"x12"	Tier 15	P173012U15...	138 lbs.
PC Unit – TIER 22	17"x30"x12"	Tier 22	P173012U22...	147 lbs.
PC Unit – TIER 15	17"x30"x18"	Tier 15	P173018U15...	172 lbs.
PC Unit – TIER 22	17"x30"x18"	Tier 22	P173018U22...	181 lbs.
PC Unit – TIER 15	17"x30"x24"	Tier 15	P173024U15...	192 lbs.
PC Unit – TIER 22	17"x30"x24"	Tier 22	P173024U22...	201 lbs.
PC Unit – TIER 15	17"x30"x30"	Tier 15	P173030U15...	217 lbs.
PC Unit – TIER 22	17"x30"x30"	Tier 22	P173030U22...	226 lbs.

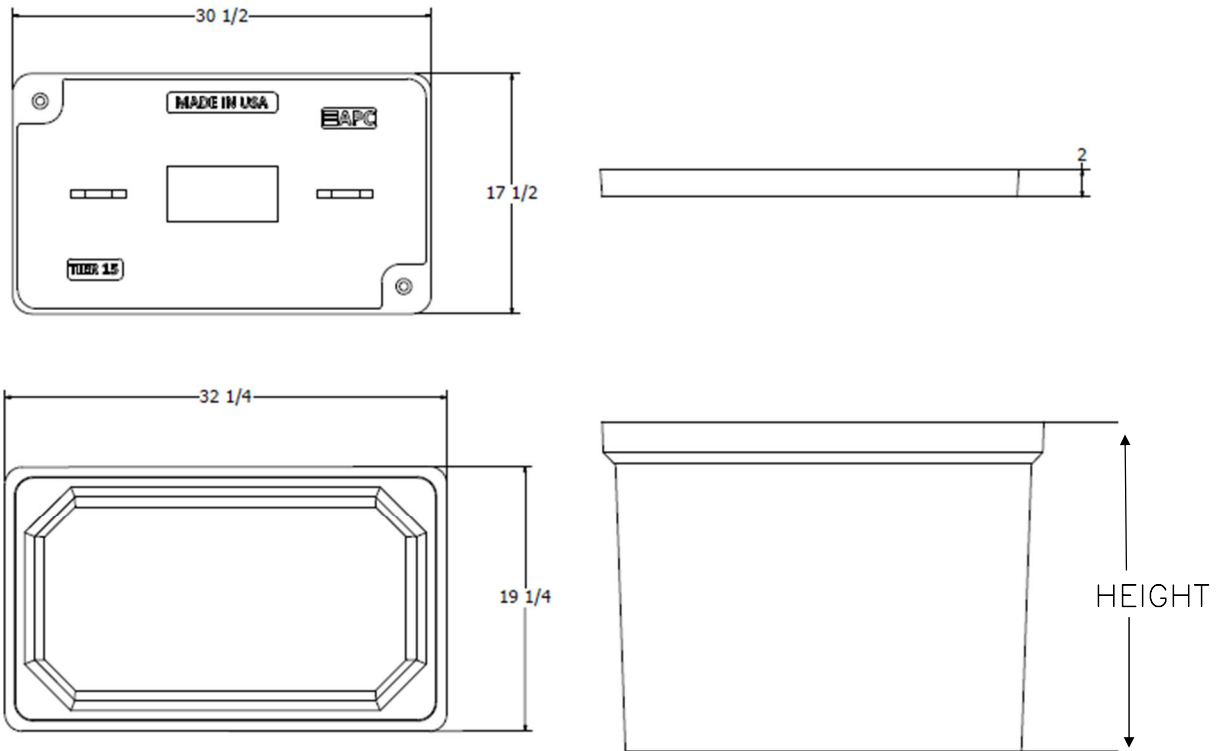


17"x30" PC UNIT, TIER 15/22

12", 18", 24", and 30" HEIGHT



AMERICAN POLYMER COMPANY



Components	Nominal Size	ANSI Tier	Part Number	Estimated Weight
Replacement Box	17"x30"X12"	Tier 22	P173012B22	66 lbs.
Replacement Box	17"x30"X18"	Tier 22	P173018B22	100 lbs.
Replacement Box	17"x30"X24"	Tier 22	P173024B22	120 lbs.
Replacement Box	17"x30"X30"	Tier 22	P173030B22	145 lbs.
Replacement Lids – T15	17"x30"	Tier 15	Various	72 lbs.
Replacement Lids – T22	17"x30"	Tier 22	Various	81 lbs.

Bolt options



Machine Thread



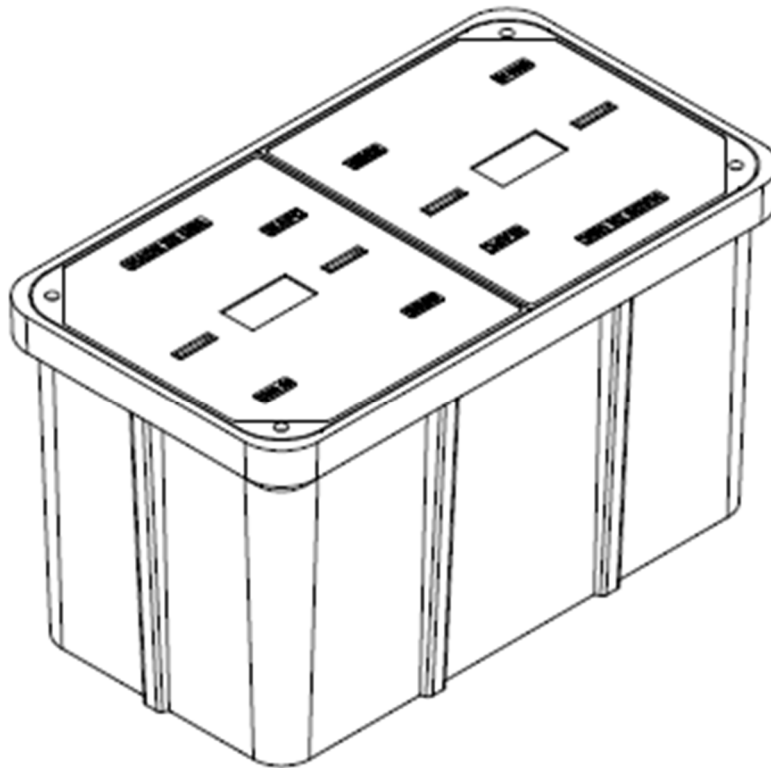
Auger Thread



33"x60" PC UNIT, 2PC TIER 15/22
36" HEIGHT



AMERICAN POLYMER COMPANY



Description	Nominal Size	ANSI Tier	Part Number	Estimated Weight
PC Unit - TIER 15	33"x60"x36"	Tier 15	P336036U15...	930 lbs.
PC Unit - TIER 22	33"x60"x36"	Tier 22	P336036U22...	1030 lbs.

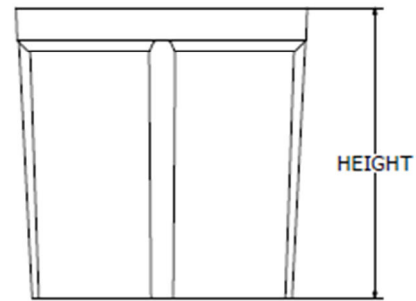
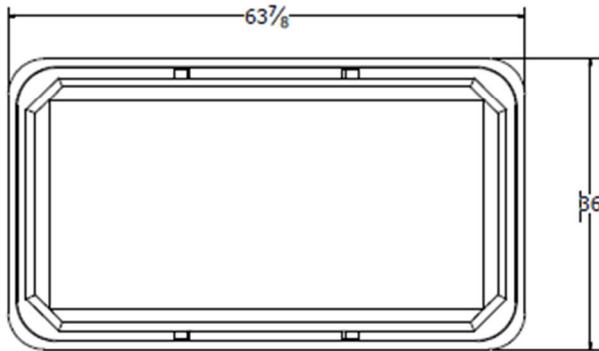
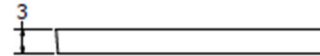
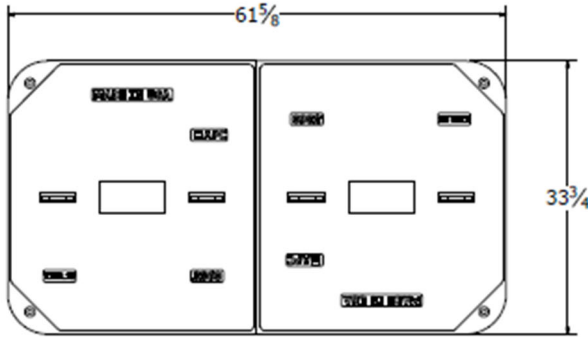


33"x60" PC UNIT, 2PC TIER 15/22

36" HEIGHT



AMERICAN POLYMER COMPANY



Components	Nominal Size	ANSI Tier	Part Number	Estimated Weight
Replacement Box	33"x60"x36"	Tier 22	P336036B22	530 lbs.
Replacement Lids - T15	33"x60" (half)	Tier 15	Various	200 lbs.
Replacement Lids - T22	33"x60" (half)	Tier 22	Various	250 lbs.

Bolt options

Hex Head



Machine Thread



Penta Head



Auger Thread






CITY OF BLOOMINGTON RIGHT-OF-WAY USE PERMIT APPLICATION

401 N Morton Street, Suite 130
P.O. Box 100
Bloomington, IN 47402

Phone: (812) 349-3913
Fax: (812) 349-3520
Email:
engineering@bloomington.in.gov

ROW EXCAVATION ROW USE

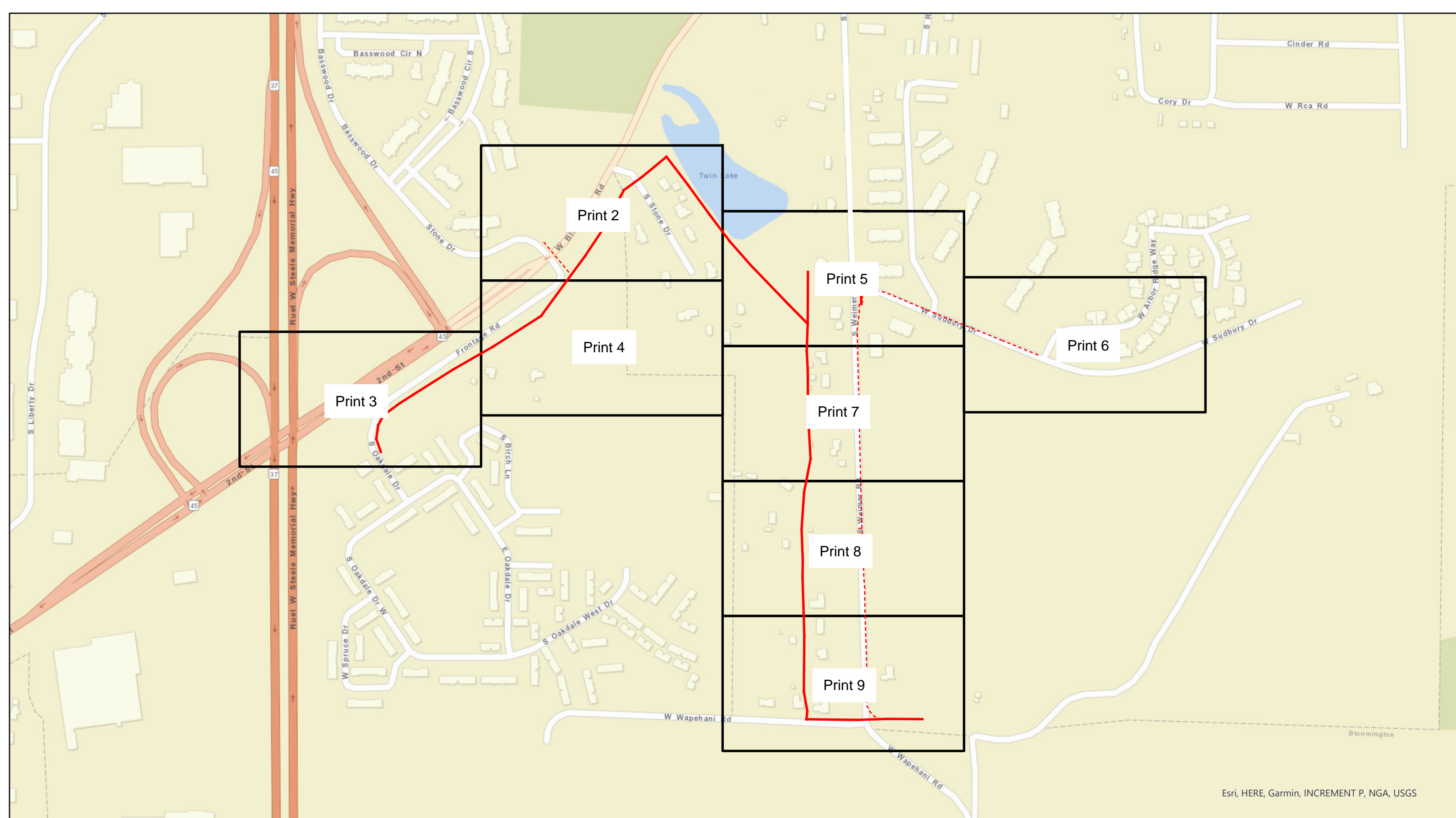
ADDRESS OF ROW ACTIVITY: BLS01b-F10_W Sudbury Dr

A. APPLICANT/AGENT INFORMATION:		D. TRAFFIC CONTROL DEVICES*:	
APPLICANT NAME: <u>Bret Simons</u>		<input checked="" type="checkbox"/> CONES <input type="checkbox"/> ARROWBOARD	
E-MAIL: <u>bret.simons@aeg.cc</u>		<input type="checkbox"/> LIGHTED BARRELS <input checked="" type="checkbox"/> TYPE 3 BARRICADES	
COMPANY: <u>Atlantic Engineering Group</u>		<input checked="" type="checkbox"/> FLAGGERS <input type="checkbox"/> BPD OFFICER	
ADDRESS: <u>P.O. Box 349</u>		*PROVIDING MUTCD COMPLIANT TEMPORARY TRAFFIC CONTROL DEVICES AND MAINTENANCE OF TRAFFIC (MOT) PLAN IS YOUR RESPONSIBILITY AND REQUIRED. See page 3 for additional MOT resources; the graph paper can be used for your MOT site plan if needed or you can submit a separate sheet	
CITY, STATE, ZIP: <u>Buford, GA 30515</u>			
24-HR EMERGENCY CONTACT NAME: <u>(706)654-2298</u>		E. METERED PARKING SPACES NEEDED: <input type="checkbox"/> Y <input type="checkbox"/> N	
24-HR CONTACT PHONE #: _____		IT IS THE RESPONSIBILITY OF THE APPLICANT TO RESERVE PARKING METER(S) APPLICATION LOCATED: https://bloomington.in.gov/transportation/parking/moving OR CONTACT PARKING SERVICES WITH QUESTIONS AT (812)349-3436	
INSURANCE #*: <u>TB5-691-473497-082</u> COMPANY: <u>ACORD</u>		F. IS THIS A <input type="checkbox"/> CBU* <input type="checkbox"/> COUNTY* <input type="checkbox"/> IU* <input type="checkbox"/> NP* PROJECT?	
BOND #*: <u>1160465</u> COMPANY: <u>LEXON</u>		PROJECT NAME: <u>BLS01b-F10 W Sudbury Dr</u>	
*INSURANCE & BOND MUST BE ON FILE WITH THE CITY BEFORE PERMIT WILL BE ISSUED		PROJECT #: <u>BLS01b-F10 W Sudbury Dr</u>	
SUBCONTRACTOR INFORMATION		PROJECT MGR.: <u>Patrick Brigman</u>	
(LIST ALL COMPANIES WORKING UNDER PRIMARY CONTRACTOR PERMIT)		PROJECT MGR. #: <u>215-847-8819</u>	
COMPANY NAME: _____		*CBU = CITY OF BLOOMINGTON UTILITIES *COUNTY = MONROE COUNTY	
B. WORK DESCRIPTION:		*IU = INDIANA UNIVERSITY *NP = NOT-FOR-PROFIT AGENCY	
<input type="checkbox"/> POD/DUMPSTER <input type="checkbox"/> CRANE <input type="checkbox"/> SCAFFOLDING <input checked="" type="checkbox"/> CONSTRUCTION USE*		G. EXCAVATIONS:	
(EXPLAIN): <u>Excavation</u>		SQ FT OF PAVEMENT* EXCAVATIONS: <u>N/A</u>	
*EXCAVATION, LONG TERM USE FOR STORAGE OF MATERIAL/EQUIPMENT/WALKAROUND		*PAVEMENT INCLUDES: IN OR UNDER CONCRETE, OR ASPHALT INCLUDING CURBS	
C. RIGHT OF WAY TO BE USED/CLOSED:		SQ FT OF NON-PAVEMENT* EXCAVATIONS: <u>31.7 Sq Ft</u>	
STREET NAME 1: <u>W Sudbury Dr</u>		*DIRT, GRASS, GRAVEL, LANDSCAPE AREA OR OTHER UNPAVED SURFACE	
1ST INTERSECTING STREET NAME: _____		LINEAL FT OF BORE*: <u>2,695 Lineal Ft</u>	
2ND INTERSECTING STREET NAME: _____		*BORE PITS SHALL BE CALCULATED AS SQ FT EXCAVATIONS	
<input type="checkbox"/> ROAD CLOSURE <input checked="" type="checkbox"/> LANE CLOSURE 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/>		# OF POLE INSTALLATIONS/REMOVAL: <u>N/A</u>	
<input checked="" type="checkbox"/> SIDEWALK* <input type="checkbox"/> BIKE LANE <input type="checkbox"/> OTHER		SQ FT OF SIDEWALK RECONSTRUCTION*: <u>N/A</u>	
TRANSIT STOP? <input type="checkbox"/> Y <input type="checkbox"/> N PARKING LANE(S)** <input type="checkbox"/> Y <input type="checkbox"/> N **NON-METERED		*CONCRETE OR ASPHALT SIDEWALK/PATH BEING IMPROVED/REPLACED	
START DATE: <u>Mar 22nd</u> END DATE: _____ # OF DAYS*: <u>30</u>		SQ FT OF SIDEWALK NEW CONSTRUCTION*: <u>N/A</u>	
STREET NAME 2: _____		*CONCRETE OR ASPHALT SIDEWALK/PATH THAT IS NEW INFRASTRUCTURE	
1ST INTERSECTING STREET NAME: _____		#RESIDENTIAL DRIVEWAY INSTALLATION: <u>N/A</u>	
2ND INTERSECTING STREET NAME: _____		 <p>TO SUBMIT A LOCATE REQUEST 24 HRS A DAY, 7 DAYS A WEEK CALL 811 OR 800-382-5544 CALL 2 WORKING DAYS BEFORE YOU DIG. IT'S THE LAW.</p>	
<input type="checkbox"/> ROAD CLOSURE <input type="checkbox"/> LANE CLOSURE 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/>			
<input type="checkbox"/> SIDEWALK* <input type="checkbox"/> BIKE LANE <input type="checkbox"/> OTHER		H. INDEMNIFICATION AGREEMENT:	
TRANSIT STOP? <input type="checkbox"/> Y <input type="checkbox"/> N PARKING LANE(S)** <input type="checkbox"/> Y <input type="checkbox"/> N **NON-METERED		The petitioner/applicant hereby agrees to hold harmless, defend and to indemnify the City of Bloomington from or against all claims, action, damages and expenses, including but not limited to reasonable attorney's fees or any alleged injury and/or death to any person or damage to any property arising, or alleged to have arisen out of any act of commission or omission on the part of the petitioner/applicant, his/her heirs, successors, or assigns regardless of whether such acts are the direct or indirect result of the public right-of-way use pursuant to this permit grant.	
START DATE: _____ END DATE: _____ # OF DAYS*: _____		I AFFIRM, UNDER THE PENALTIES FOR PERJURY, THAT THE FOREGOING REPRESENTATIONS ARE TRUE.	
*SIDEWALK CLOSURES FOR A PERIOD OR PERIODS TOTALING 24HRS OR MORE SHALL INSTALL A WALKAROUND UNLESS OTHERWISE APPROVED DURING REVIEW		PRINT NAME: <u>Bret Simons</u>	
STANDARD CLOSURE HOURS MON-FRI*: 9:00 AM - 3:00 PM & 6:00 PM - 9:00 PM		SIGNATURE: <u>Bret Simons</u>	
STANDARD CLOSURE HOURS <input checked="" type="checkbox"/> *NON-STANDARD CLOSURE HOURS <input type="checkbox"/>		DATE: <u>2/27/2024</u>	
REQUESTED CLOSURE HOURS: _____ AM - _____ PM			
*non-standard hours may not be allowed near schools, on arterials, or other circumstances and are subject to approval during the permitting process			
BMC 14.09.040 allows work from 6 AM to 10 PM without violating the noise ordinance (7AM to 9PM for pneumatic hammers)			

For Administration Use Only (applicable to CLOSURE approval)

Approved By: _____ BPW City Engineer Director Date: _____

Staff Representative: _____ Phone#: _____ Date: _____

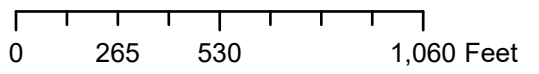


Esri, HERE, Garmin, INCREMENT P, NGA, USGS



Legend BLS01b-F10_W Sudbury Dr

- Proposed Aerial
- - - Conduit
- Grids

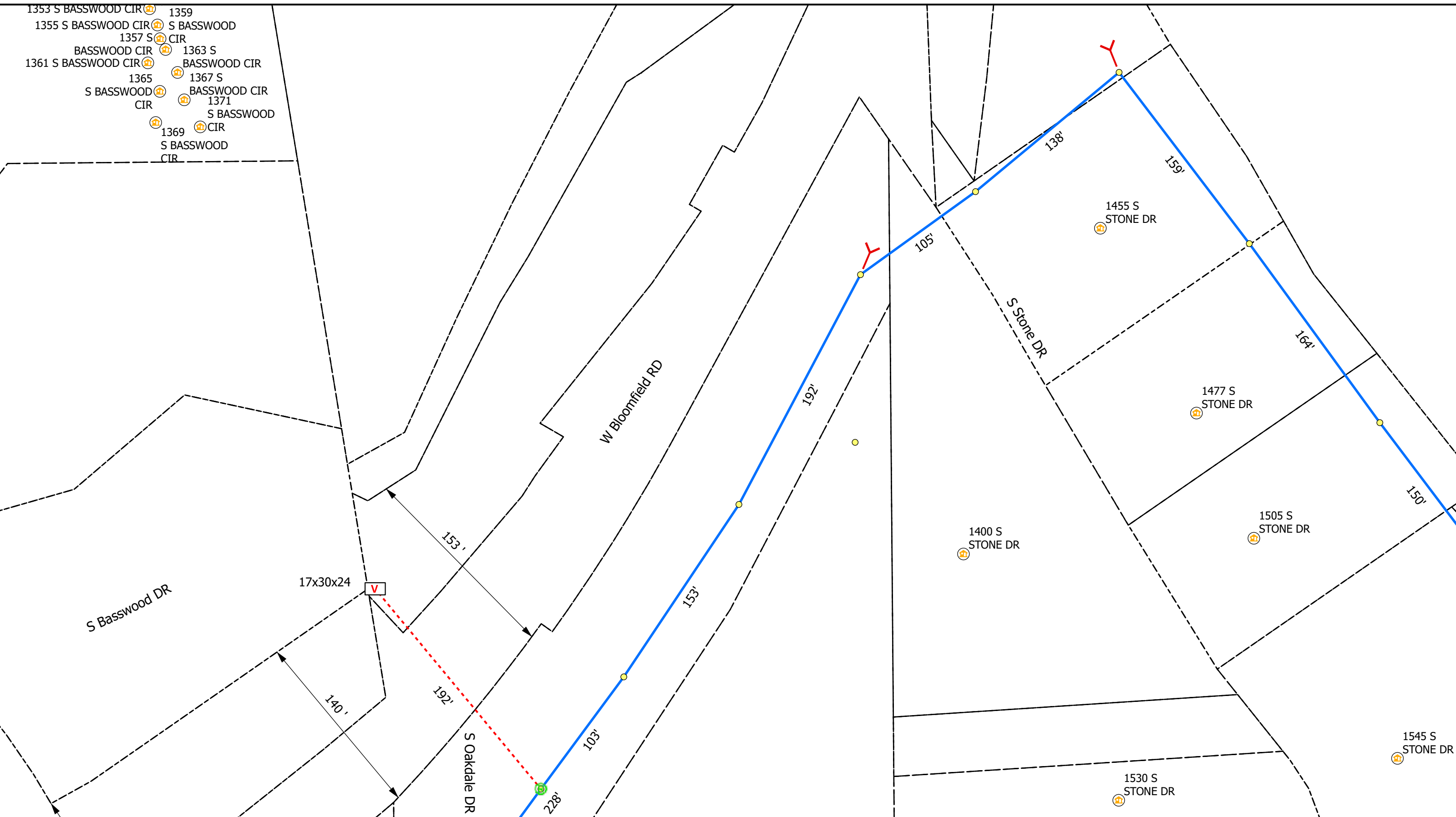


City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION



1353 S BASSWOOD CIR
 1355 S BASSWOOD CIR
 1357 S BASSWOOD CIR
 1361 S BASSWOOD CIR
 1365 S BASSWOOD CIR
 1369 S BASSWOOD CIR
 1359 S BASSWOOD CIR
 1363 S BASSWOOD CIR
 1367 S BASSWOOD CIR
 1371 S BASSWOOD CIR
 1369 S BASSWOOD CIR



0 20 40 80 Feet

Legend

- Poles
- Risers
- ⋈ Sidewalk
- V Vaults
- 🏠 Address
- Bloomington_Parcels
- Overhead Strand
- Y Anchor
- Grids
- - - Conduit

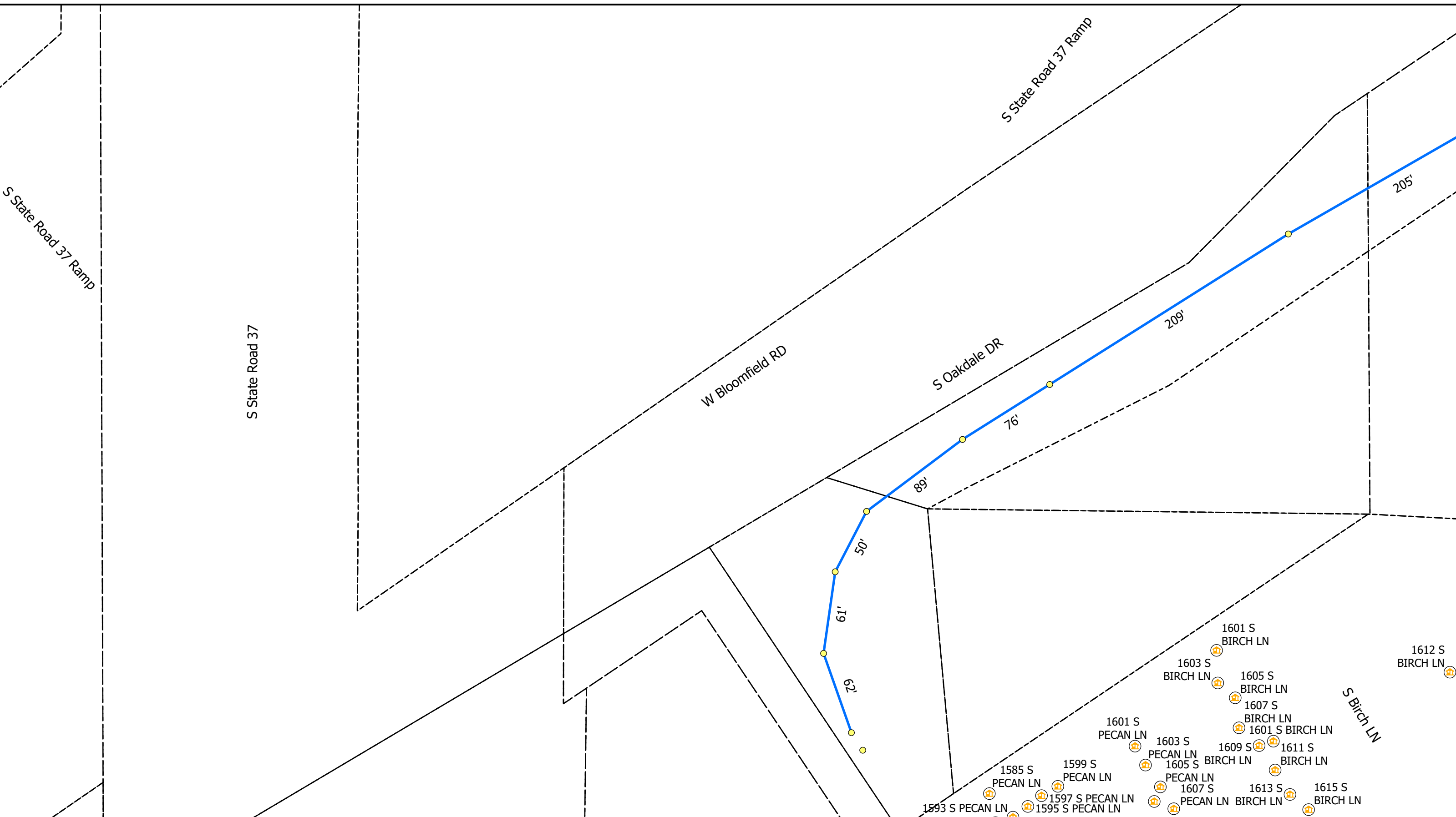
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION



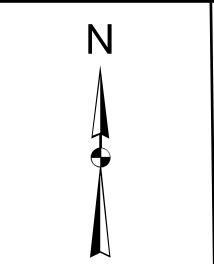


0 20 40 80 Feet

Legend

- Poles
- Ⓡ Risers
- 🏠 Address
- ⚓ Anchor
- V Vaults
- ↖ Sidewalk
- Bloomington_Parcels
- Grids
- Overhead Strand
- Conduit

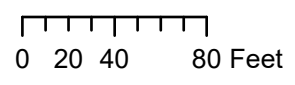
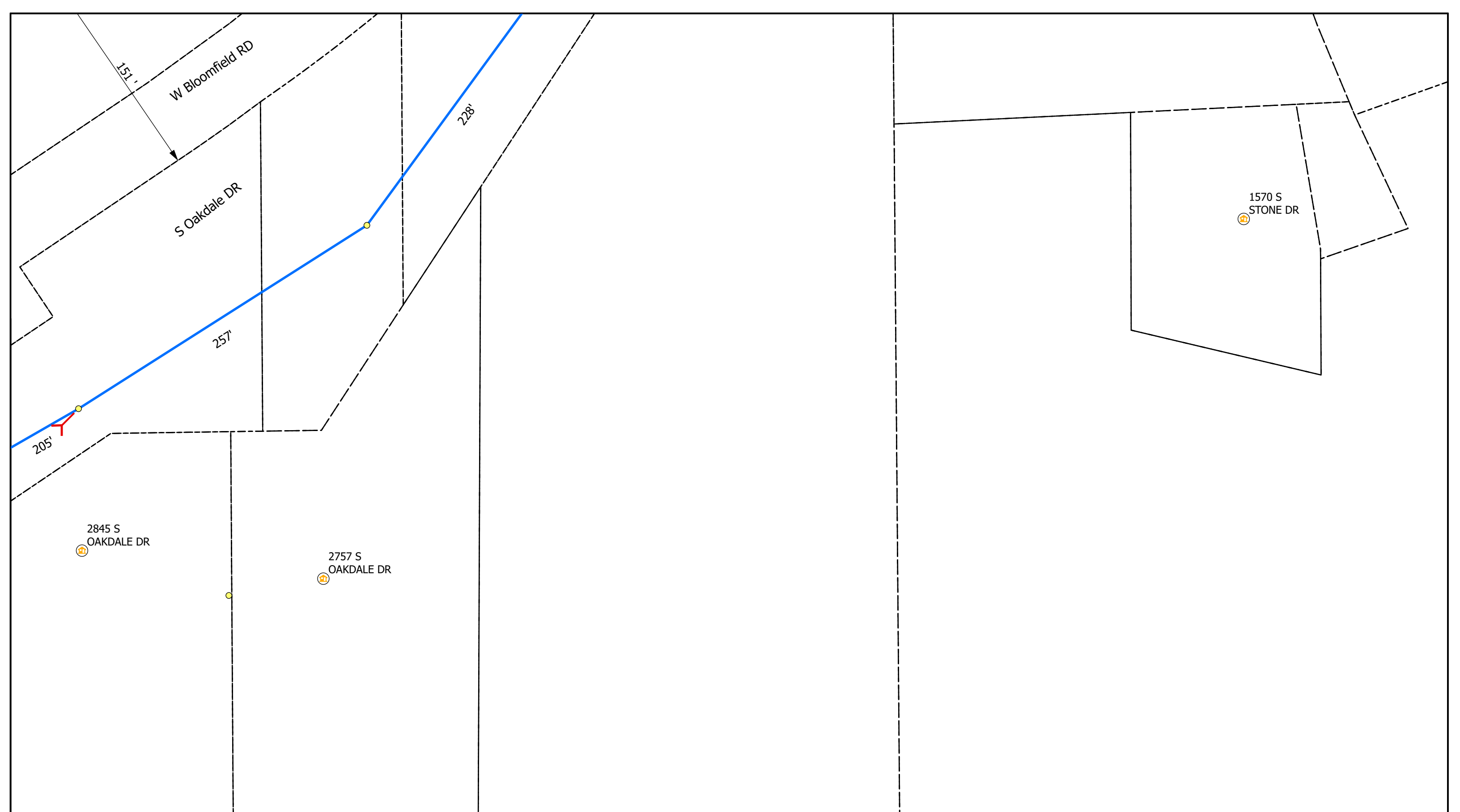
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION

Print 3 of 9



Legend

- Poles
- V Vaults
- Overhead Strand
- - - Conduit
- R Risers
- 🏠 Address
- Y Anchor
- └ Sidewalk
- Bloomington_Parcels
- Grids

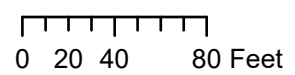
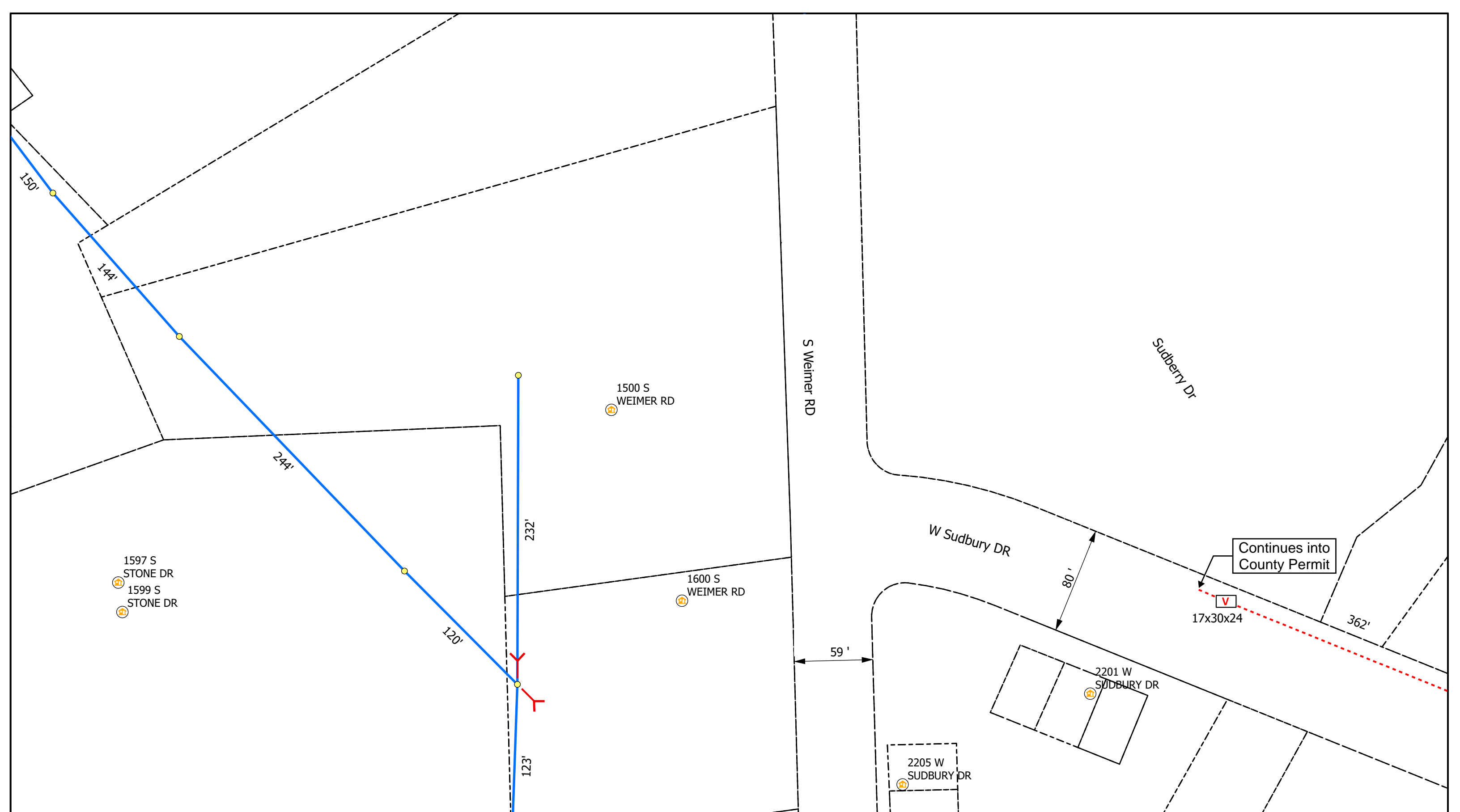
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION





Legend

- Poles
- Ⓡ Risers
- Ⓜ Address
- Ⓜ Anchor
- V Vaults
- Overhead Strand
- Y Sidewalk
- Bloomington_Parcels
- Grids
- Conduit

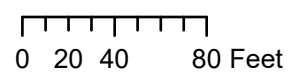
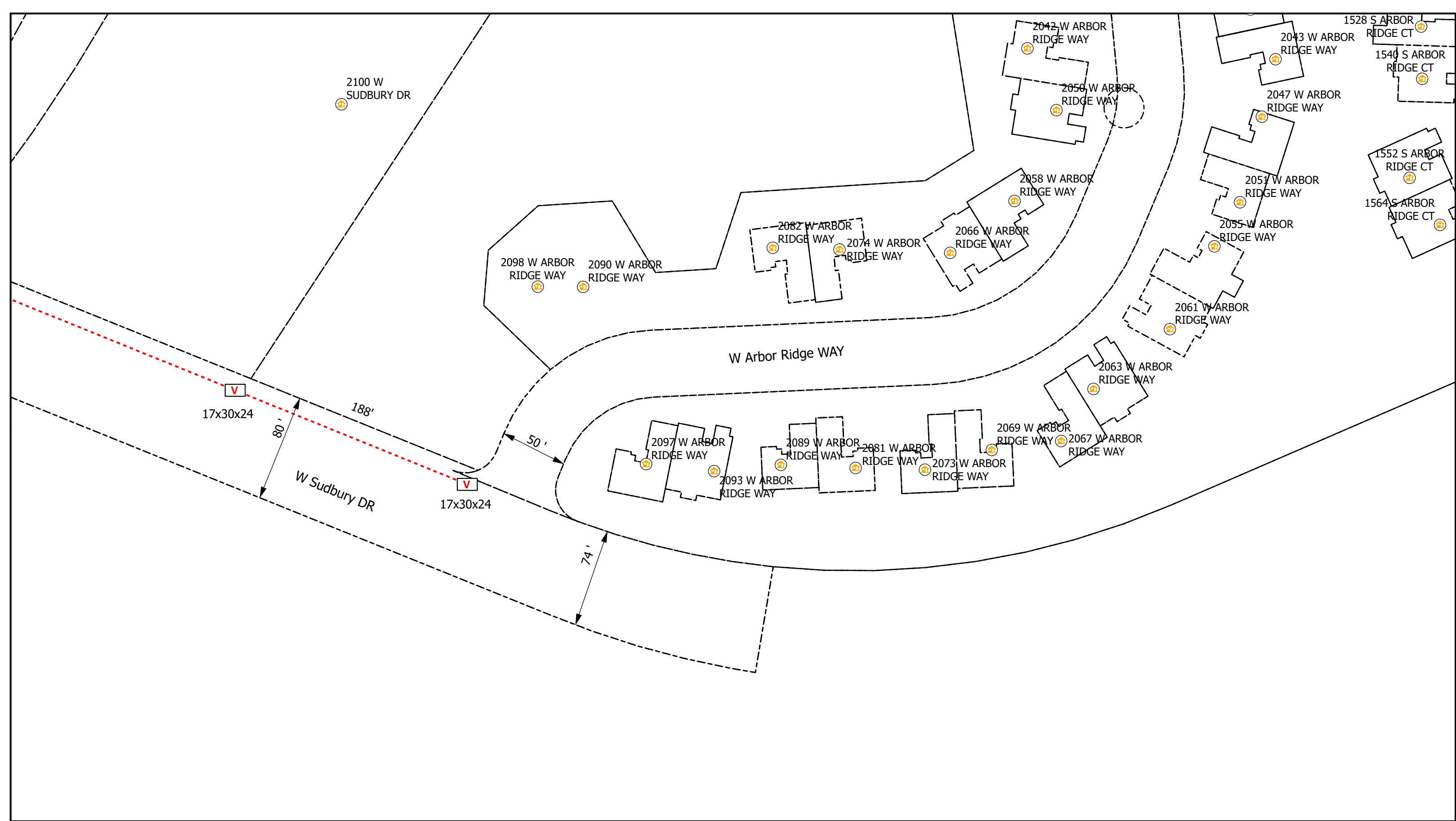
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION





Legend

- Poles
- Vaults
- Overhead Strand
- Conduit
- Risers
- Address
- Anchor
- Sidewalk
- Bloomington_Parcels
- Grids

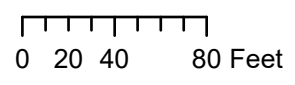
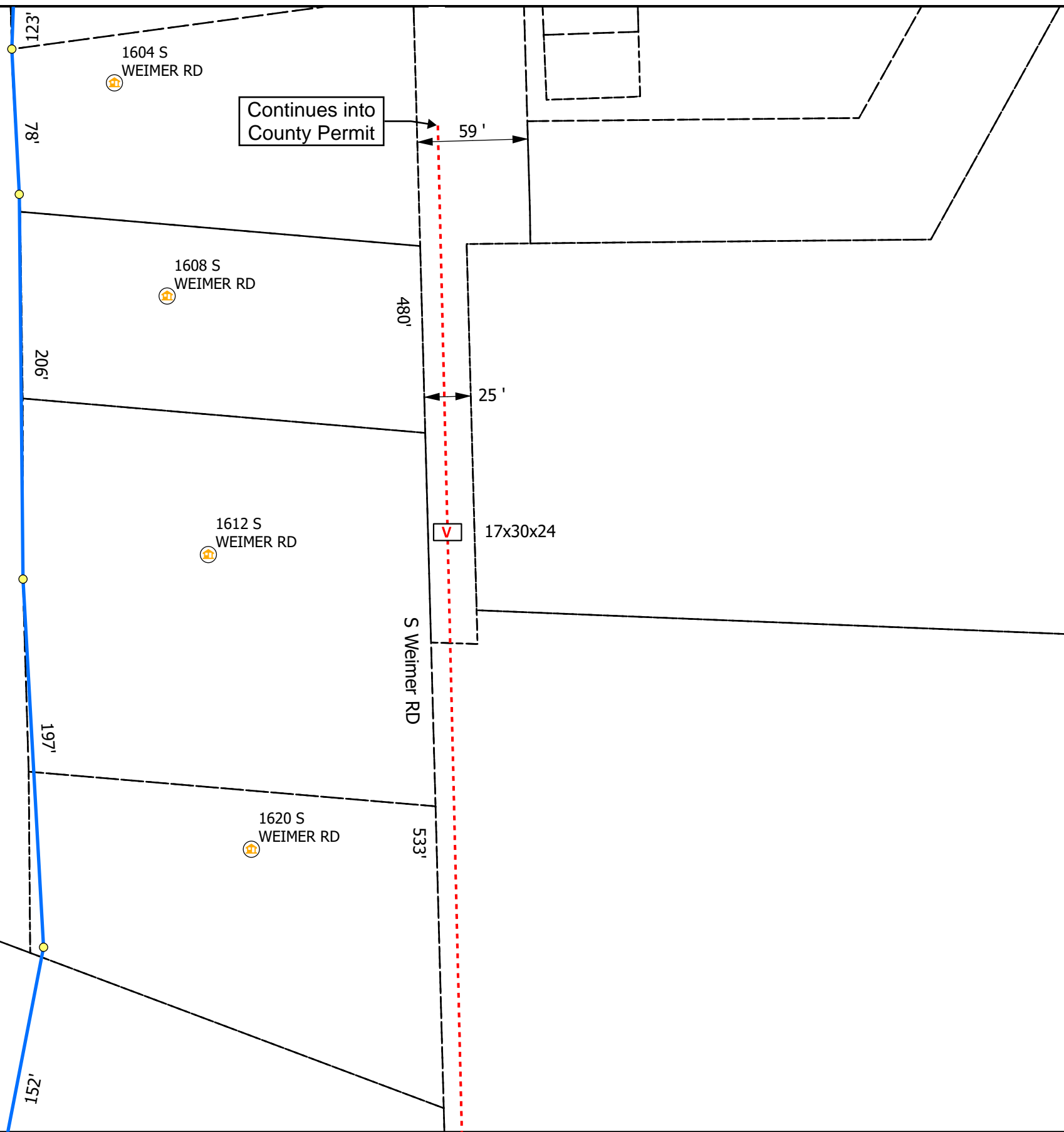
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION





Legend

- Poles
- V Vaults
- Overhead Strand
- - - Conduit
- R Risers
- A Address
- Y Anchor
- └ Sidewalk
- Bloomington_Parcels
- Grids

All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION



1704 S WEIMER RD

1708 S WEIMER RD

1770 S WEIMER RD

1804 S WEIMER RD

30x48x24

V

24'

S Weimer RD

916'

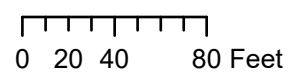
152'

167'

134'

87'

263'



Legend

- Poles
- Ⓡ Risers
- ⏏ Sidewalk
- V Vaults
- 🏠 Address
- Bloomington_Parcels
- Overhead Strand
- Y Anchor
- - - Conduit
- Grids

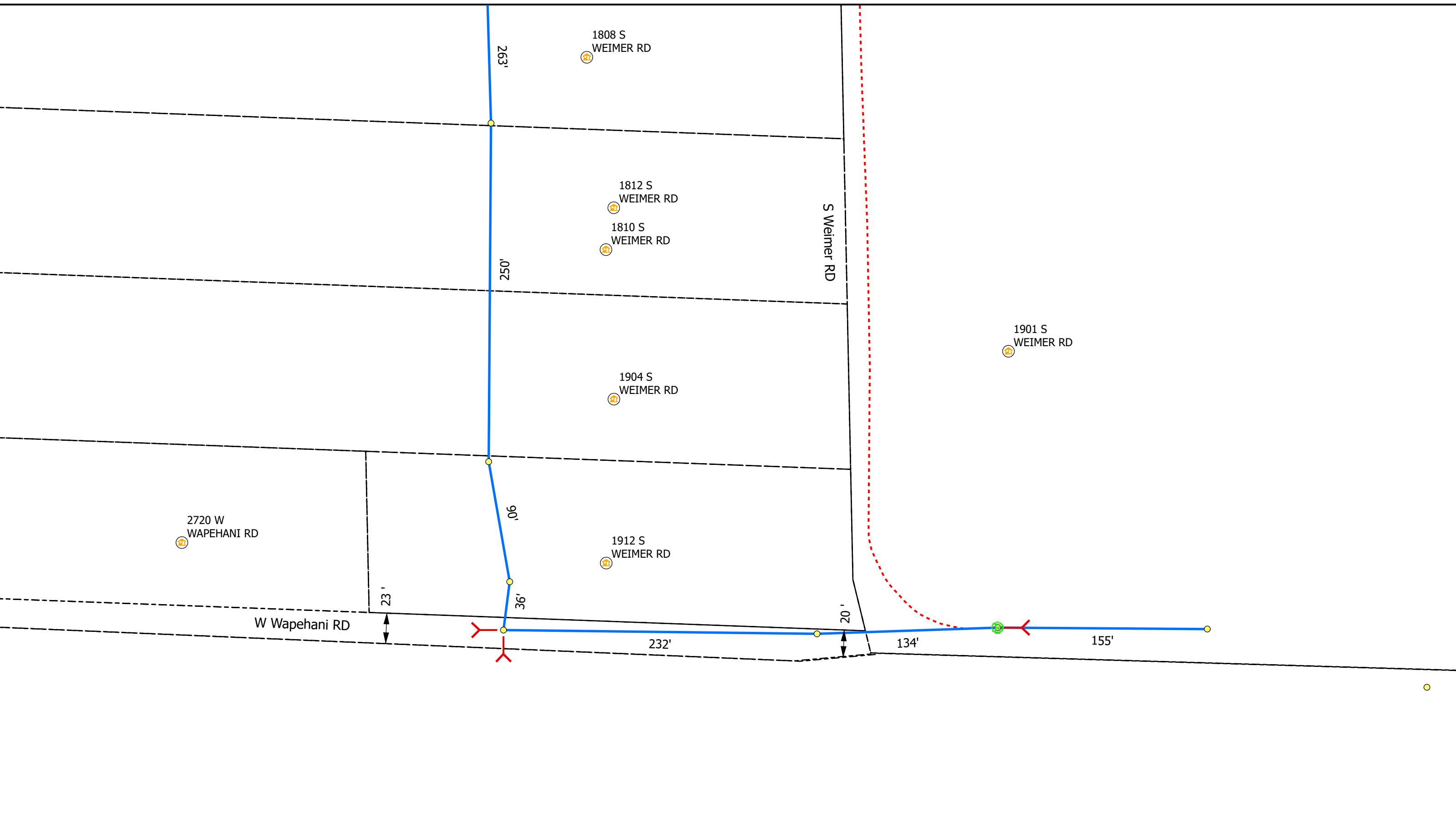
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION





- Legend**
- Poles
 - ⌞ Vaults
 - Overhead Strand
 - Conduit
 - ⊕ Risers
 - Ⓜ Address
 - Y Anchor
 - ⌞ Sidewalk
 - Bloomington_Parcels
 - Grids

All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION



Carlton® PV-Mold® Nonmetallic Pole Riser System

Carlton PV-Mold is a nonmetallic pole riser system designed to protect communications power cable installed on poles.

Features:

- Meets or exceeds requirements outlined in the National Electric Safety Code (NESC).
- Designed in accordance with NEMA TC-19 specifications.
- Ultraviolet, cold temperature and corrosive atmosphere resistant.
- Schedule 40 wall meets Schedule 80 PVC conduit impact requirements per NEMA TC-19.
- No grounding required.
- Belled end fits over each added section or conduit.
- Flame retardant.
- Requires no maintenance.
- PV-Mold acts as an insulator against electrical shock.
- Interchangeable parts and accessories to match the needs of specific requirements.

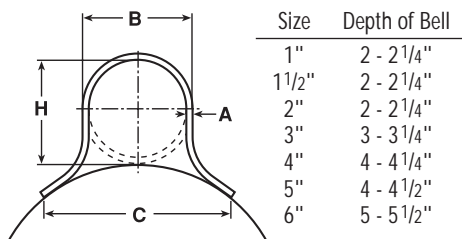


Steel U-Guard requires grounding strapping and does not have belled ends.



PV-Mold has belled ends, flanged design and does not require grounding.

Flanged Overall Length 10 Feet, Including Bell

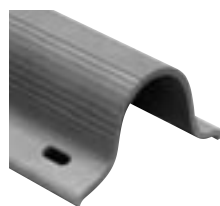


Slots are 1/2" from side to side, and allow for expansion and contraction.

Slot Dimensions: for sizes 2" through 6" are 5/16" wide, 3/4" long.

Slot Dimensions: for 1" and 1 1/2" are 3/16" wide, 3/4" long.

Slot Spacing: 18" from center, beginning 6" from end.



Standard Duty

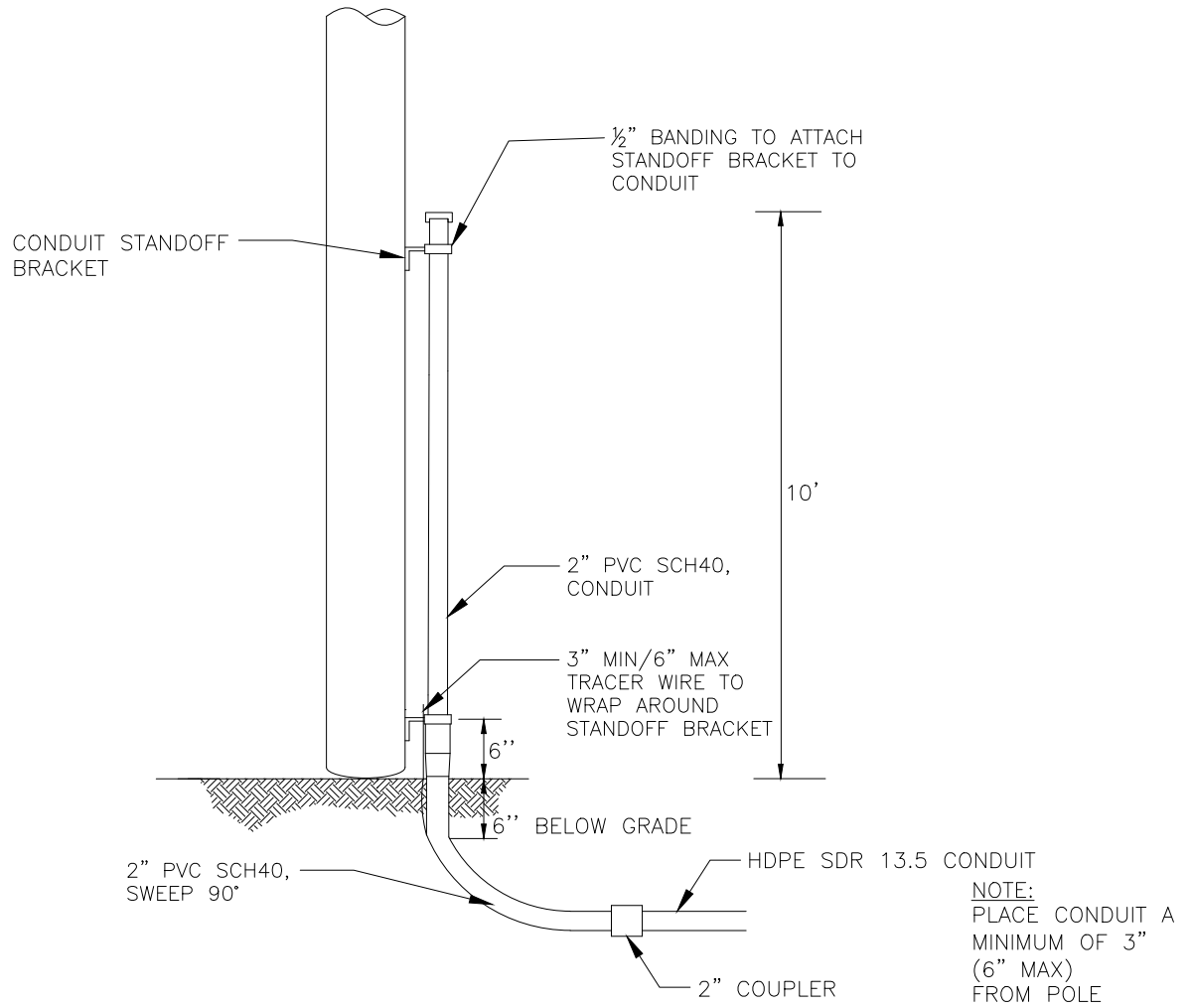
Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)	Dimensions				Actual Impact @ 0°C 20 Pound Top
				A	B	C	H	
59208N	1"	294	1059	0.100"	1 5/8"	2 3/8"	1 5/8"	40 Ft.-Lbs.
59211N	2"	136	726	0.100"	2 3/8"	4 1/2"	2 3/8"	100 Ft.-Lbs.
59211X (5' length)	2"	136	363	0.100"	2 3/8"	4 1/2"	2 3/8"	100 Ft.-Lbs.
59213N	3"	66	761	0.150"	3 1/2"	6"	3 1/2"	110 Ft.-Lbs.
59213X (5' length)	3"	66	381	0.150"	3 1/2"	6"	3 1/2"	100 Ft.-Lbs.
59215N	4"	65	910	0.150"	4 1/2"	6 1/2"	4 1/2"	110 Ft.-Lbs.
59216N	5"	30	515	0.150"	5 1/2"	7 1/2"	5 1/2"	110 Ft.-Lbs.

Heavy Duty Schedule 40

59010N	1 1/2"	200	1142	0.145"	1 29/32"	3 1/2"	1 29/32"	100 Ft.-Lbs.
59011N	2"	136	1214	0.154"	2 3/8"	4 1/2"	2 3/8"	150 Ft.-Lbs.
59013N	3"	66	937	0.216"	3 1/2"	6"	3 9/32"	150 Ft.-Lbs.
59015N	4"	65	1621	0.237"	4 1/2"	6 1/2"	4 1/2"	260 Ft.-Lbs.
59015X (5' length)	4"	65	707	0.237"	4 1/2"	6 1/2"	4 1/2"	260 Ft.-Lbs.
59016N	5"	30	870	0.258"	5 1/2"	7 1/2"	5 1/2"	260 Ft.-Lbs.
59017N	6"	30	1160	0.280"	6 5/8"	8 3/4"	6 5/8"	260 Ft.-Lbs.

Extra Heavy Duty Schedule 80

59411N	2"	136	1549	0.218"	2 3/8"	4 1/2"	2 3/8"	300 Ft.-Lbs.
59413N	3"	66	1495	0.030"	3 1/2"	6"	3 1/2"	525 Ft.-Lbs.



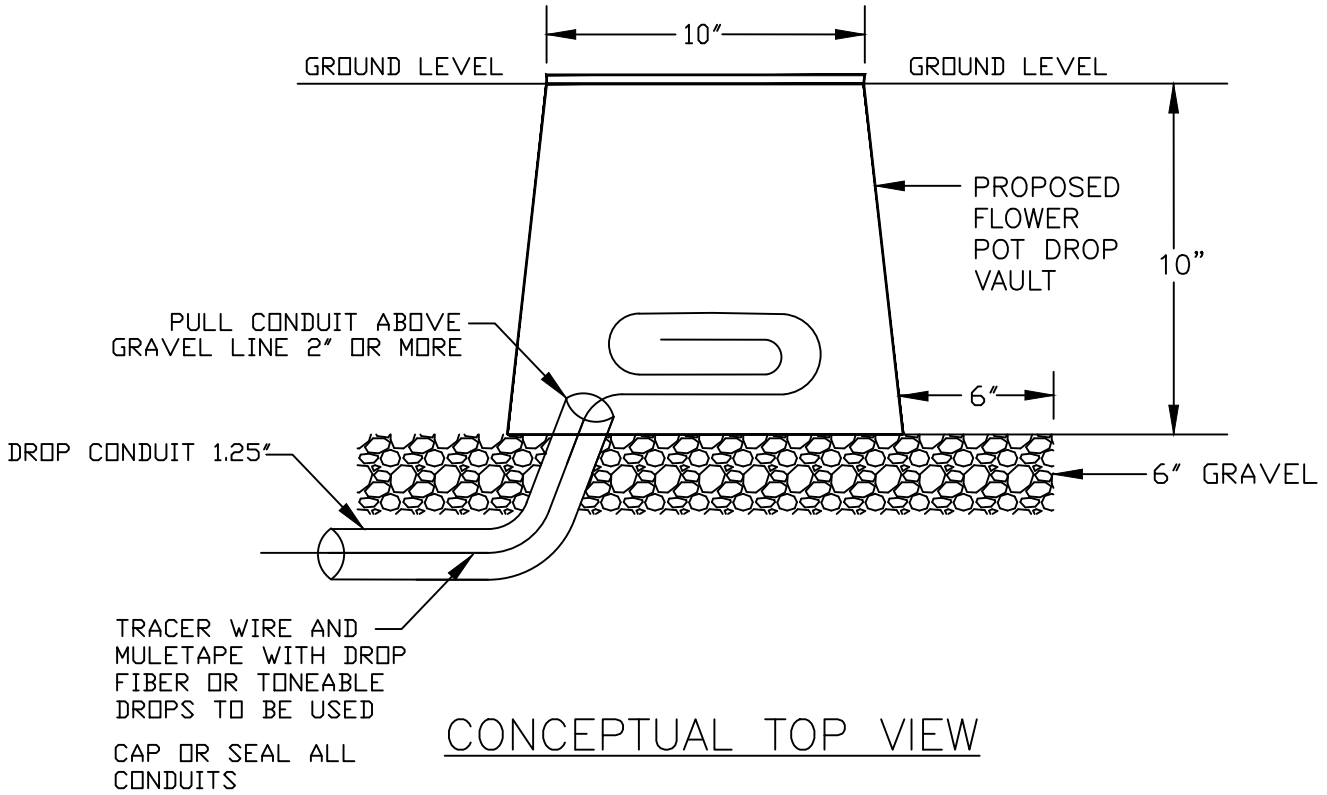
DESCRIPTION	QTY	MANUFACTURER (PREFERRED)	PART #
SCREW, LAG, 1/2" x 4-1/2"	10		
HDPE SDR 13.5 CONDUIT, VARIOUS SIZES	N/A		
2" PVC SCH40, RISER PIPE	1		
#12 TRACER WIRE	N/A		
2" PVC SCH40, SWEEP, 90 DEG	1		
CONDUIT STANDOFF BRACKET	VARIES		
CONDUIT STRAP KIT	VARIES		
2" COUPLER	1		



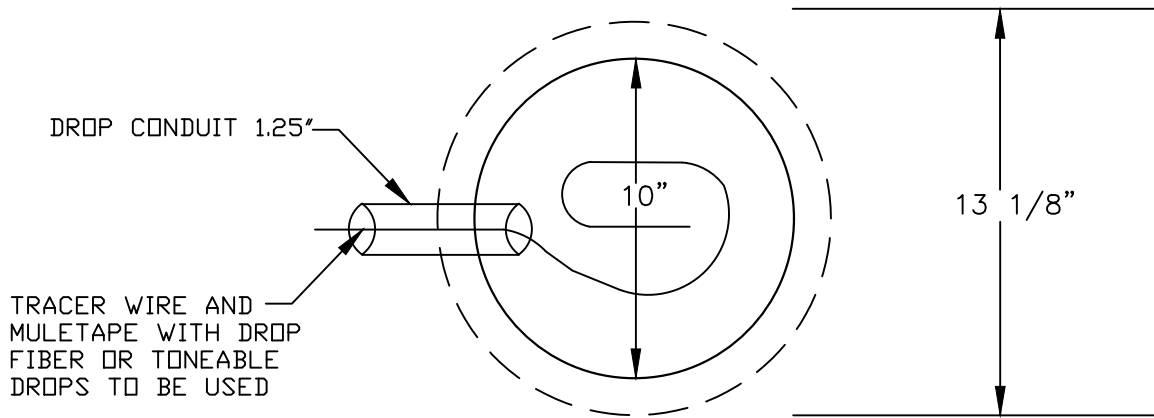
TYPICAL RISER
CONDUIT
WOOD POLE

(R2-W)

CONCEPTUAL SIDE VIEW



CONCEPTUAL TOP VIEW

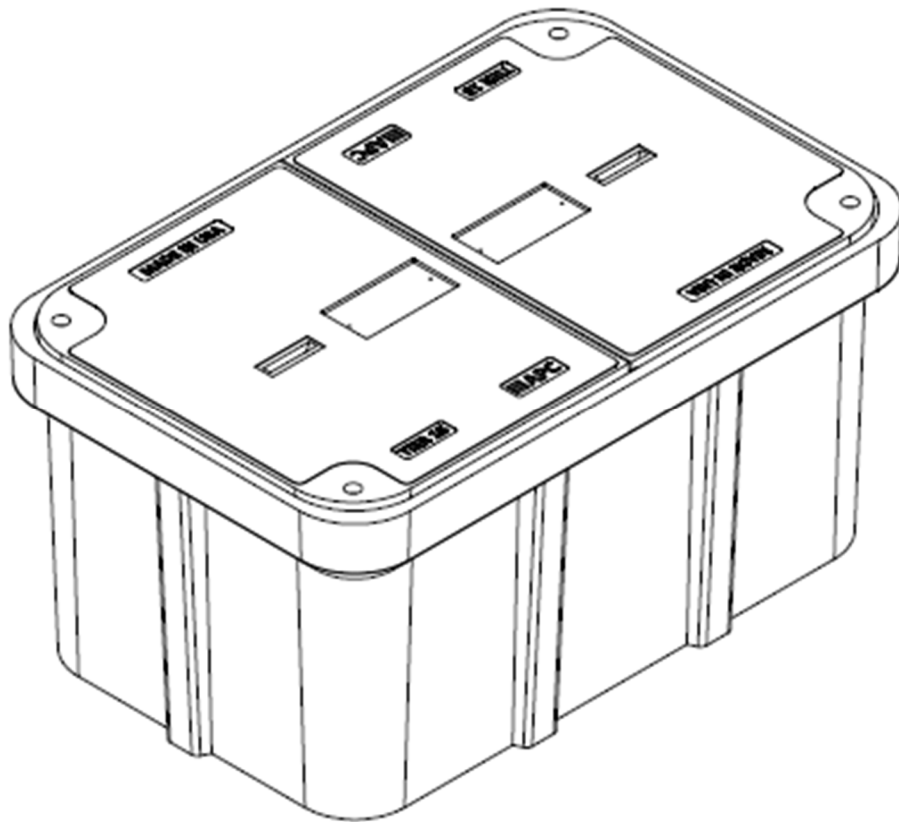


FLOWER POT

30"x48" PC UNIT, 2PC TIER 15/22
 18", 24", and 36" HEIGHT



AMERICAN POLYMER COMPANY



Description	Nominal Size	ANSI Tier	Part Number	Estimated Weight
PC Unit – TIER 15	30"x48"x18"	Tier 15	P304818HU15...	460 lbs.
PC Unit – TIER 22	30"x48"x18"	Tier 22	P304818HU22...	525 lbs.
PC Unit – TIER 15	30"x48"x24"	Tier 15	P304824HU15...	510 lbs.
PC Unit – TIER 22	30"x48"x24"	Tier 22	P304824HU22...	575 lbs.
PC Unit – TIER 15	30"x48"x36"	Tier 15	P304836HU15...	615 lbs.
PC Unit – TIER 22	30"x48"x36"	Tier 22	P304836HU22...	680 lbs.

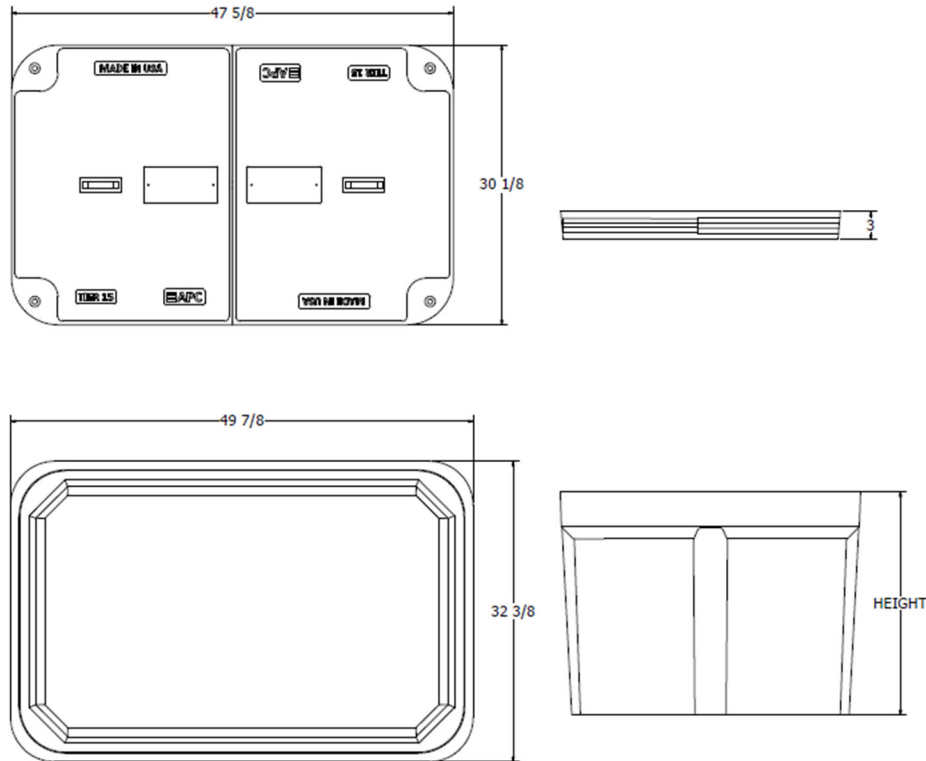


30"x48" PC UNIT, 2PC TIER 15/22

18", 24", and 36" HEIGHT



AMERICAN POLYMER COMPANY



Components	Nominal Size	ANSI Tier	Part Number	Estimated Weight
Replacement Box	30"x48"x18"	Tier 22	P304818B22	185 lbs.
Replacement Box	30"x48"x24"	Tier 22	P304824B22	235 lbs.
Replacement Box	30"x48"x36"	Tier 22	P304836B22	340 lbs.
Replacement Lids - T15	30"x48" (half)	Tier 15	Various	150 lbs.
Replacement Lids - T22	30"x48" (half)	Tier 22	Various	170 lbs.

Bolt options



Machine Thread



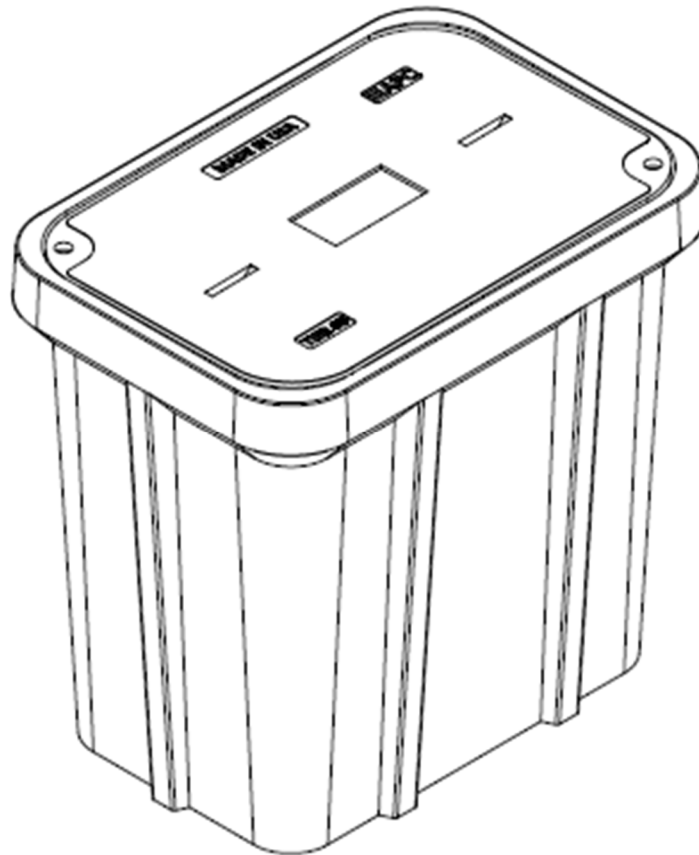
Auger Thread



24"x36" PC UNIT, TIER 15/22
 18", 24", 30", and 36" HEIGHT



AMERICAN POLYMER COMPANY



Description	Nominal Size	ANSI Tier	Part Number	Estimated Weight
PC Unit – TIER 15	24x36"x18"	Tier 15	P243618U15...	335 lbs.
PC Unit – TIER 22	24x36"x18"	Tier 22	P243618U22...	355 lbs.
PC Unit – TIER 15	24x36"x24"	Tier 15	P243624U15...	365 lbs.
PC Unit – TIER 22	24x36"x24"	Tier 22	P243624U22...	385 lbs.
PC Unit – TIER 15	24x36"x30"	Tier 15	P243630U15...	395 lbs.
PC Unit – TIER 22	24x36"x30"	Tier 22	P243630U22...	415 lbs.
PC Unit – TIER 15	24x36"x36"	Tier 15	P243636U15...	425 lbs.
PC Unit – TIER 22	24x36"x36"	Tier 22	P243636U22...	445 lbs.

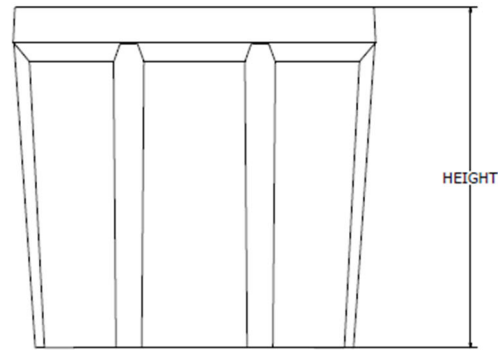
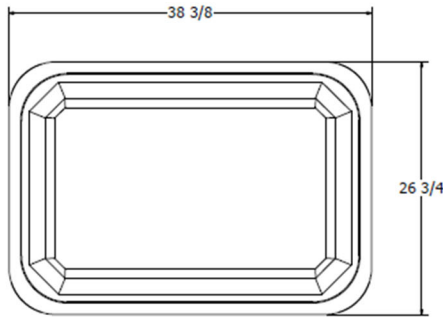
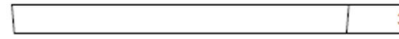
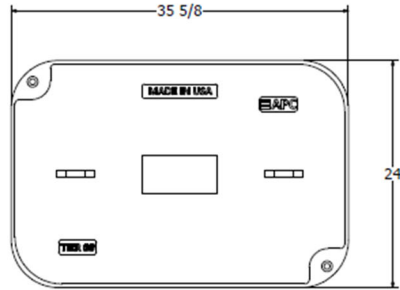


24"x36" PC UNIT, TIER 15/22

18", 24", 30", and 36" HEIGHT



AMERICAN POLYMER COMPANY



Components	Nominal Size	ANSI Tier	Part Number	Estimated Weight
Replacement Box	24"x36"x18"	Tier 22	P243618B22	165 lbs.
Replacement Box	24"x36"x24"	Tier 22	P243624B22	195 lbs.
Replacement Box	24"x36"x30"	Tier 22	P243630B22	225 lbs.
Replacement Box	24"x36"x36"	Tier 22	P243636B22	255 lbs.
Replacement Lids - T15	24"x36"	Tier 15	Various	170 lbs.
Replacement Lids - T22	24"x36"	Tier 22	Various	190 lbs.

Bolt options

Hex Head



Machine Thread



Penta Head



Auger Thread

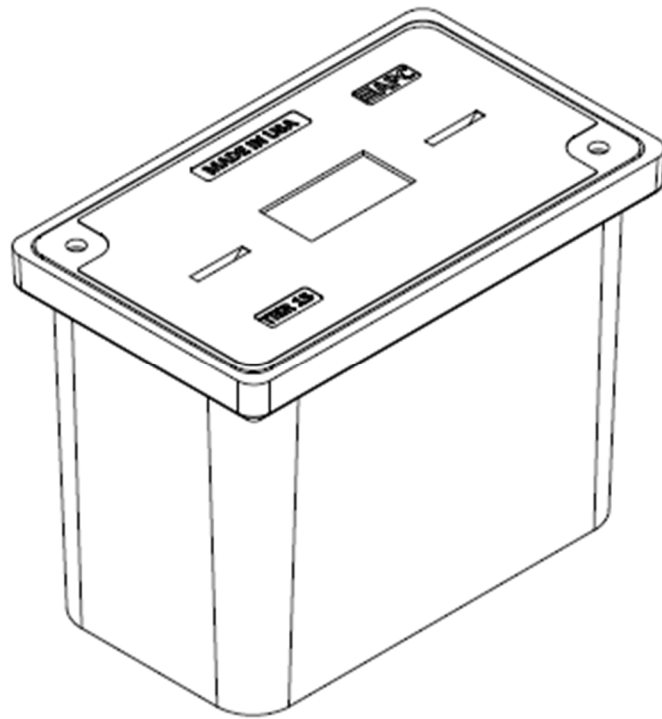


17"x30" PC UNIT, TIER 15/22

12", 18", 24", and 30" HEIGHT



AMERICAN POLYMER COMPANY



Description	Nominal Size	ANSI Tier	Part Number	Estimated Weight
PC Unit – TIER 15	17"x30"x12"	Tier 15	P173012U15...	138 lbs.
PC Unit – TIER 22	17"x30"x12"	Tier 22	P173012U22...	147 lbs.
PC Unit – TIER 15	17"x30"x18"	Tier 15	P173018U15...	172 lbs.
PC Unit – TIER 22	17"x30"x18"	Tier 22	P173018U22...	181 lbs.
PC Unit – TIER 15	17"x30"x24"	Tier 15	P173024U15...	192 lbs.
PC Unit – TIER 22	17"x30"x24"	Tier 22	P173024U22...	201 lbs.
PC Unit – TIER 15	17"x30"x30"	Tier 15	P173030U15...	217 lbs.
PC Unit – TIER 22	17"x30"x30"	Tier 22	P173030U22...	226 lbs.

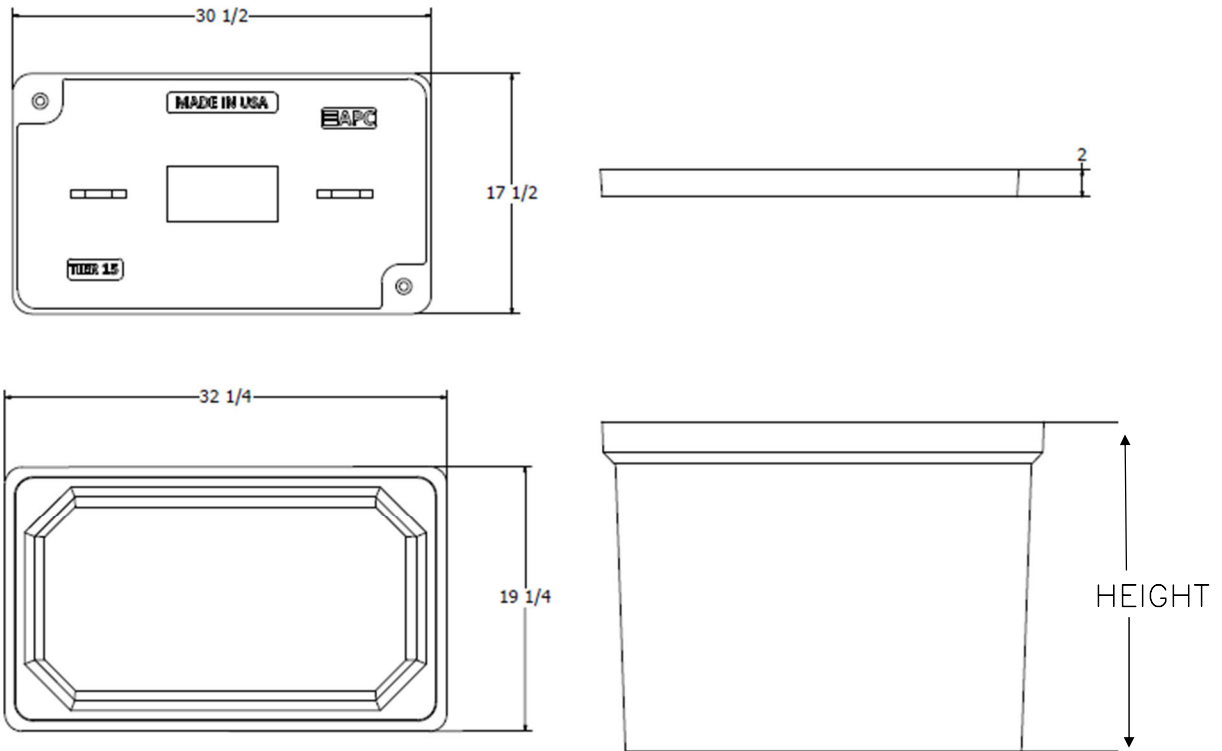


17"x30" PC UNIT, TIER 15/22

12", 18", 24", and 30" HEIGHT



AMERICAN POLYMER COMPANY



Components	Nominal Size	ANSI Tier	Part Number	Estimated Weight
Replacement Box	17"x30"x12"	Tier 22	P173012B22	66 lbs.
Replacement Box	17"x30"x18"	Tier 22	P173018B22	100 lbs.
Replacement Box	17"x30"x24"	Tier 22	P173024B22	120 lbs.
Replacement Box	17"x30"x30"	Tier 22	P173030B22	145 lbs.
Replacement Lids – T15	17"x30"	Tier 15	Various	72 lbs.
Replacement Lids – T22	17"x30"	Tier 22	Various	81 lbs.

Bolt options



Machine Thread



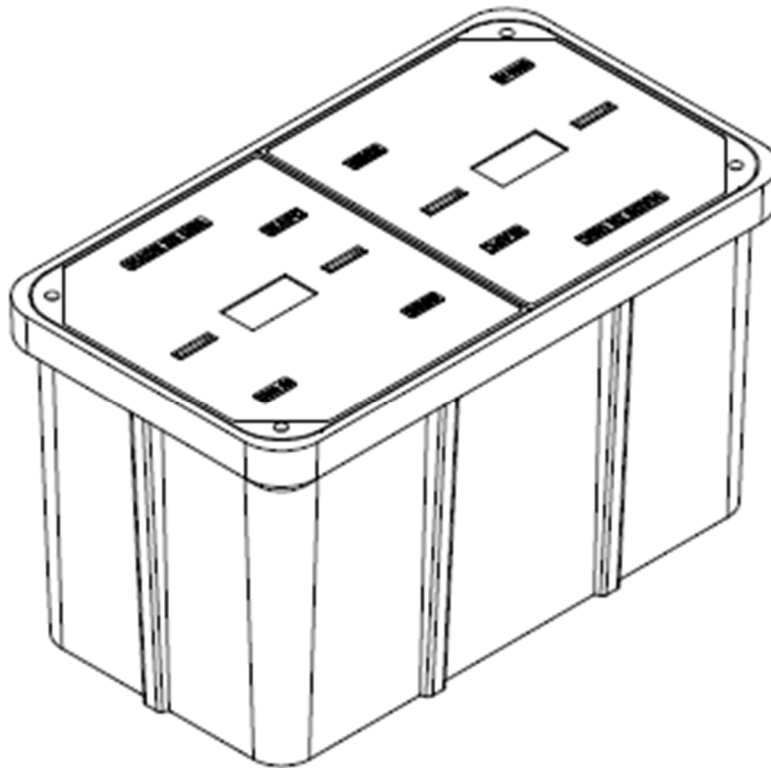
Auger Thread



33"x60" PC UNIT, 2PC TIER 15/22
36" HEIGHT



AMERICAN POLYMER COMPANY



Description	Nominal Size	ANSI Tier	Part Number	Estimated Weight
PC Unit - TIER 15	33"x60"x36"	Tier 15	P336036U15...	930 lbs.
PC Unit - TIER 22	33"x60"x36"	Tier 22	P336036U22...	1030 lbs.

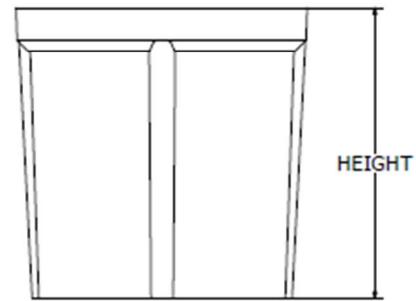
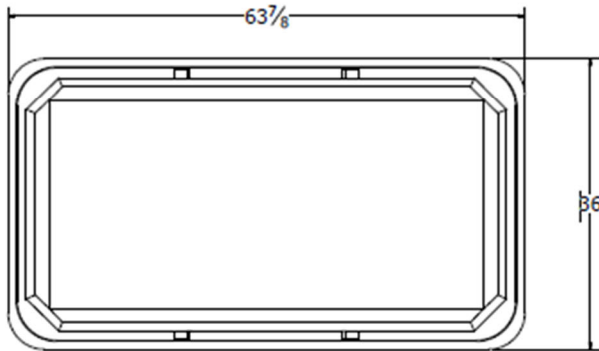
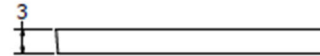
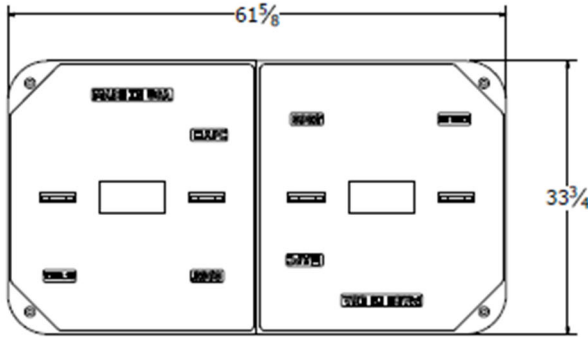


33"x60" PC UNIT, 2PC TIER 15/22

36" HEIGHT



AMERICAN POLYMER COMPANY



Components	Nominal Size	ANSI Tier	Part Number	Estimated Weight
Replacement Box	33"x60"x36"	Tier 22	P336036B22	530 lbs.
Replacement Lids - T15	33"x60" (half)	Tier 15	Various	200 lbs.
Replacement Lids - T22	33"x60" (half)	Tier 22	Various	250 lbs.

Bolt options

Hex Head



Machine Thread



Penta Head



Auger Thread



Speed (MPH) Prior To Road Work	SIGN SPACING, FT.		Must be Approved by an Engineer				
	Non-Divided Highways	Divided Highways	BUFFER SPACE, FT.	TAPER LENGTH, FT.	CHANNELIZING SPACING, FT.		
	Length	Shoulder (10 ft. Width)	Lane (12 ft. Width)	Through Taper	Through Buffer/Work Area	Through Buffer/Work Area	
0-35	200	200	250	70	245	35	50
40-45	350	500	360	150	540	40	80
50-55	500	1000	495	185	660	50	100
60-70	SA-1000, SB-1500, SC-2640		730	235	840	60	120
Urban Low Speed - 100 FT							

APPROVED/ACCEPTED BY:
ENGINEER, OWNER, or PRIME CONTRACTOR
 Check for Notice to Proceed.

Signature: _____

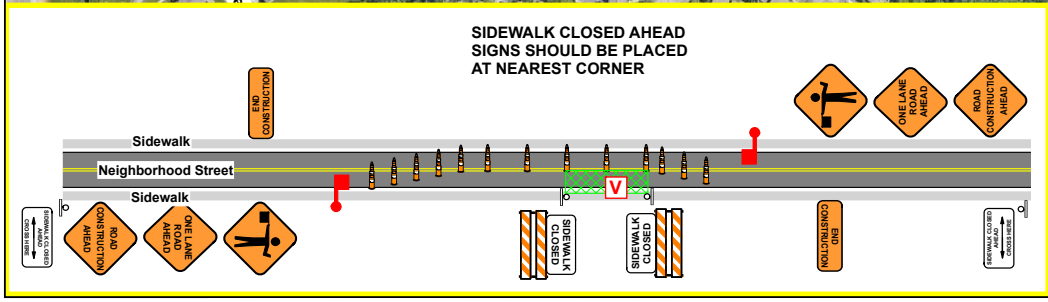
Company: _____



Date: 2/27/2024 Project: BLS01b-F10. W Sudbury Dr TCP1 :
Traffic Control Suggestion For: ATLANTIC ENGINEERING (AEG) :
By: Road Runner Safety Services, Inc. : Nathan

Comments:
Drawing not to scale. Traffic control plan must be approved by an engineer. This is a suggestion only. Road Runners Safety Services, Inc. has no liability for this suggested traffic control plan. Actual placement and spacing of all traffic control devices will depend on field conditions and must conform to MUTCD standards.

- Legend**
- ADA Barricade
 - Channelizer
 - Conduit
 - Flagger (Person)
 - Overhead Strand
 - Sign
 - Vault
 - Work Area






CITY OF BLOOMINGTON RIGHT-OF-WAY USE PERMIT APPLICATION

401 N Morton Street, Suite 130
P.O. Box 100
Bloomington, IN 47402

Phone: (812) 349-3913
Fax: (812) 349-3520
Email:
engineering@bloomington.in.gov

ROW EXCAVATION ROW USE

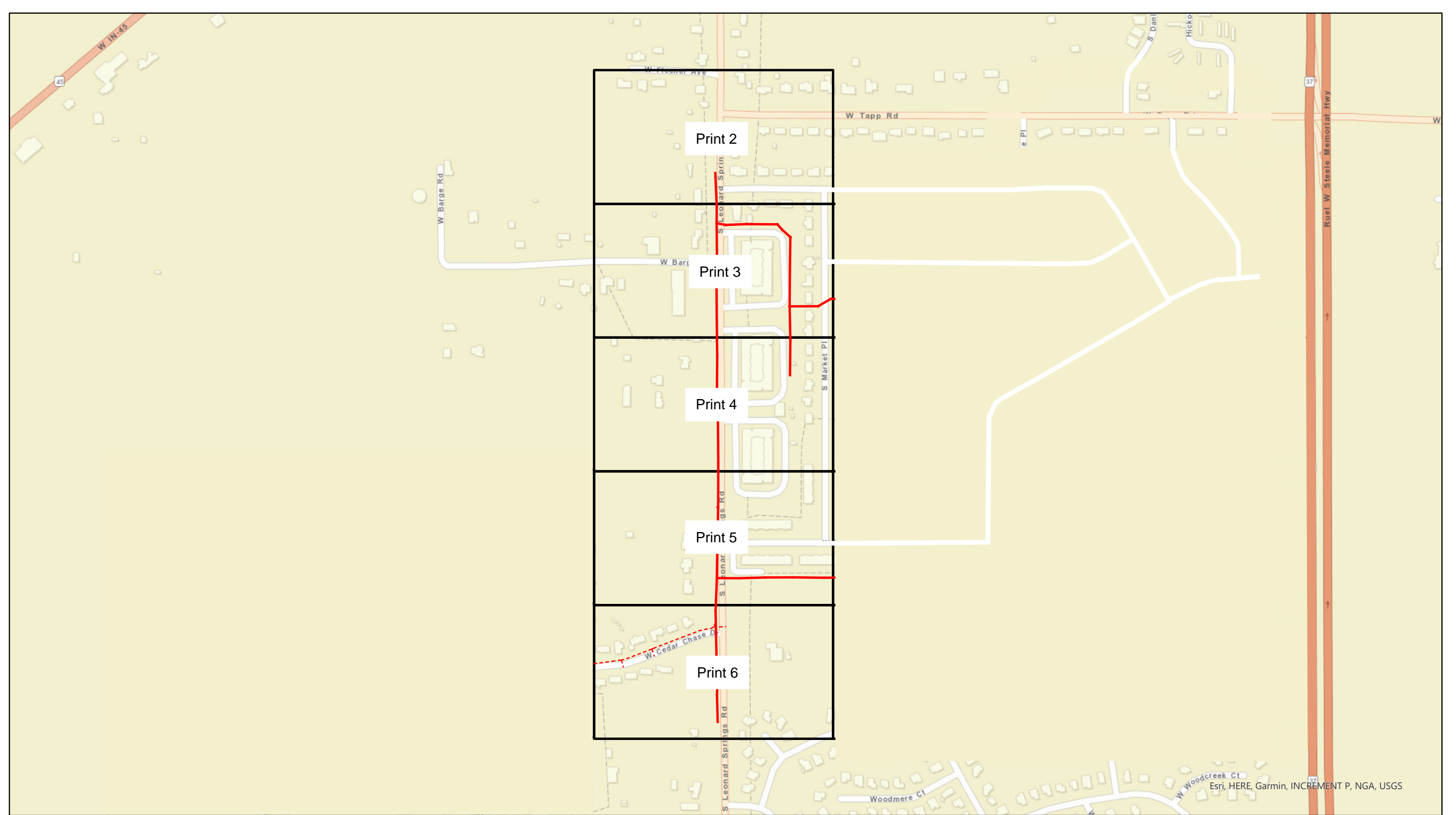
ADDRESS OF ROW ACTIVITY: BLW01a-F02_S Leonard Springs Rd

A. APPLICANT/AGENT INFORMATION: APPLICANT NAME: <u>Bret Simons</u> E-MAIL: <u>bret.simons@aeg.cc</u> COMPANY: <u>Atlantic Engineering Group</u> ADDRESS: <u>P.O. Box 349</u> CITY, STATE, ZIP: <u>Buford, GA 30515</u> 24-HR EMERGENCY CONTACT NAME: <u>(706)654-2298</u> 24-HR CONTACT PHONE #: _____ INSURANCE #*: <u>TB5-691-473497-082</u> COMPANY: <u>ACORD</u> BOND#*: <u>1160465</u> COMPANY: <u>LEXON</u> <small>* INSURANCE & BOND MUST BE ON FILE WITH THE CITY BEFORE PERMIT WILL BE ISSUED</small>	D. TRAFFIC CONTROL DEVICES*: <input checked="" type="checkbox"/> CONES <input type="checkbox"/> ARROWBOARD <input type="checkbox"/> LIGHTED BARRELS <input checked="" type="checkbox"/> TYPE 3 BARRICADES <input checked="" type="checkbox"/> FLAGGERS <input type="checkbox"/> BPD OFFICER <small>*PROVIDING MUTCD COMPLIANT TEMPORARY TRAFFIC CONTROL DEVICES AND MAINTENANCE OF TRAFFIC (MOT) PLAN IS YOUR RESPONSIBILITY AND REQUIRED. See page 3 for additional MOT resources; the graph paper can be used for your MOT site plan if needed or you can submit a separate sheet</small>
SUBCONTRACTOR INFORMATION <small>(LIST ALL COMPANIES WORKING UNDER PRIMARY CONTRACTOR PERMIT)</small> COMPANY NAME: _____	E. METERED PARKING SPACES NEEDED: <input type="checkbox"/> Y <input type="checkbox"/> N <small>IT IS THE RESPONSIBILITY OF THE APPLICANT TO RESERVE PARKING METER(S) APPLICATION LOCATED: https://bloomington.in.gov/transportation/parking/moving OR CONTACT PARKING SERVICES WITH QUESTIONS AT (812)349-3436</small>
B. WORK DESCRIPTION: <input type="checkbox"/> POD/DUMPSTER <input type="checkbox"/> CRANE <input type="checkbox"/> SCAFFOLDING <input checked="" type="checkbox"/> CONSTRUCTION USE* (EXPLAIN): <u>Excavation</u> <small>*EXCAVATION, LONG TERM USE FOR STORAGE OF MATERIAL/EQUIPMENT/WALKAROUND</small>	F. IS THIS A <input type="checkbox"/> CBU* <input type="checkbox"/> COUNTY* <input type="checkbox"/> IU* <input type="checkbox"/> NP* PROJECT? PROJECT NAME: <u>BLW01a-F02 S Leonard Springs Rd</u> PROJECT #: <u>BLW01a-F02 S Leonard Springs Rd</u> PROJECT MGR.: <u>Patrick Brigman</u> PROJECT MGR. #: <u>215-847-8819</u> <small>*CBU = CITY OF BLOOMINGTON UTILITIES *COUNTY = MONROE COUNTY *IU = INDIANA UNIVERSITY *NP = NOT-FOR-PROFIT AGENCY</small>
C. RIGHT OF WAY TO BE USED/CLOSED: STREET NAME 1: <u>S Leonard Springs Rd</u> 1ST INTERSECTING STREET NAME: _____ 2ND INTERSECTING STREET NAME: _____ <input type="checkbox"/> ROAD CLOSURE <input checked="" type="checkbox"/> LANE CLOSURE 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> <input checked="" type="checkbox"/> SIDEWALK* <input type="checkbox"/> BIKE LANE <input type="checkbox"/> OTHER TRANSIT STOP? <input type="checkbox"/> Y <input type="checkbox"/> N PARKING LANE(S)** <input type="checkbox"/> Y <input type="checkbox"/> N <small>**NON-METERED</small> START DATE: <u>Mar 22nd</u> END DATE: _____ # OF DAYS*: <u>30</u>	G. EXCAVATIONS: SQ FT OF PAVEMENT* EXCAVATIONS : <u>N/A</u> <small>*PAVEMENT INCLUDES: IN OR UNDER CONCRETE, OR ASPHALT INCLUDING CURBS</small> SQ FT OF NON-PAVEMENT* EXCAVATIONS: <u>23.54 Sq Ft</u> <small>*DIRT, GRASS, GRAVEL, LANDSCAPE AREA OR OTHER UNPAVED SURFACE</small> LINEAL FT OF BORE*: <u>209 Lineal Ft</u> <small>*BORE PITS SHALL BE CALCULATED AS SQ FT EXCAVATIONS</small> # OF POLE INSTALLATIONS/REMOVAL: <u>N/A</u> SQ FT OF SIDEWALK RECONSTRUCTION*: <u>N/A</u> <small>*CONCRETE OR ASPHALT SIDEWALK/PATH BEING IMPROVED/REPLACED</small> SQ FT OF SIDEWALK NEW CONSTRUCTION*: <u>N/A</u> <small>*CONCRETE OR ASPHALT SIDEWALK/PATH THAT IS NEW INFRASTRUCTURE</small> #RESIDENTIAL DRIVEWAY INSTALLATION: <u>N/A</u>
STREET NAME 2: _____ 1ST INTERSECTING STREET NAME: _____ 2ND INTERSECTING STREET NAME: _____ <input type="checkbox"/> ROAD CLOSURE <input type="checkbox"/> LANE CLOSURE 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> <input type="checkbox"/> SIDEWALK* <input type="checkbox"/> BIKE LANE <input type="checkbox"/> OTHER TRANSIT STOP? <input type="checkbox"/> Y <input type="checkbox"/> N PARKING LANE(S)** <input type="checkbox"/> Y <input type="checkbox"/> N <small>**NON-METERED</small> START DATE: _____ END DATE: _____ # OF DAYS*: _____ <small>*SIDEWALK CLOSURES FOR A PERIOD OR PERIODS TOTALING 24HRS OR MORE SHALL INSTALL A WALKAROUND UNLESS OTHERWISE APPROVED DURING REVIEW</small>	 <small>TO SUBMIT A LOCATE REQUEST 24 HRS A DAY, 7 DAYS A WEEK CALL 811 OR 800-382-5544 CALL 2 WORKING DAYS BEFORE YOU DIG. IT'S THE LAW.</small>
STANDARD CLOSURE HOURS MON-FRI*: 9:00 AM - 3:00 PM & 6:00 PM - 9:00 PM STANDARD CLOSURE HOURS <input checked="" type="checkbox"/> *NON-STANDARD CLOSURE HOURS <input type="checkbox"/> REQUESTED CLOSURE HOURS: _____ AM - _____ PM <small>*non-standard hours may not be allowed near schools, on arterials, or other circumstances and are subject to approval during the permitting process BMC 14.09.040 allows work from 6 AM to 10 PM without violating the noise ordinance (7AM to 9PM for pneumatic hammers)</small>	H. INDEMNIFICATION AGREEMENT: <small>The petitioner/applicant hereby agrees to hold harmless, defend and to indemnify the City of Bloomington from or against all claims, action, damages and expenses, including but not limited to reasonable attorney's fees or any alleged injury and/or death to any person or damage to any property arising, or alleged to have arisen out of any act of commission or omission on the part of the petitioner/applicant, his/her heirs, successors, or assigns regardless of whether such acts are the direct or indirect result of the public right-of-way use pursuant to this permit grant.</small> I AFFIRM, UNDER THE PENALTIES FOR PERJURY, THAT THE FOREGOING REPRESENTATIONS ARE TRUE. PRINT NAME: <u>Bret Simons</u> SIGNATURE: <u>Bret Simons</u> DATE: <u>2/28/2024</u>

For Administration Use Only (applicable to CLOSURE approval)

Approved By: _____ BPW City Engineer Director Date: _____

Staff Representative: _____ Phone#: _____ Date: _____



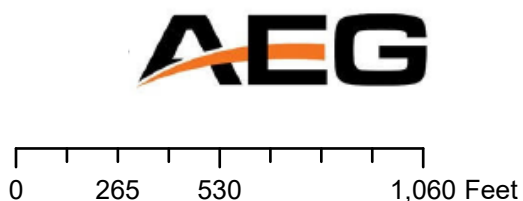
Legend BLW01a-F02_S Leonard Springs Rd

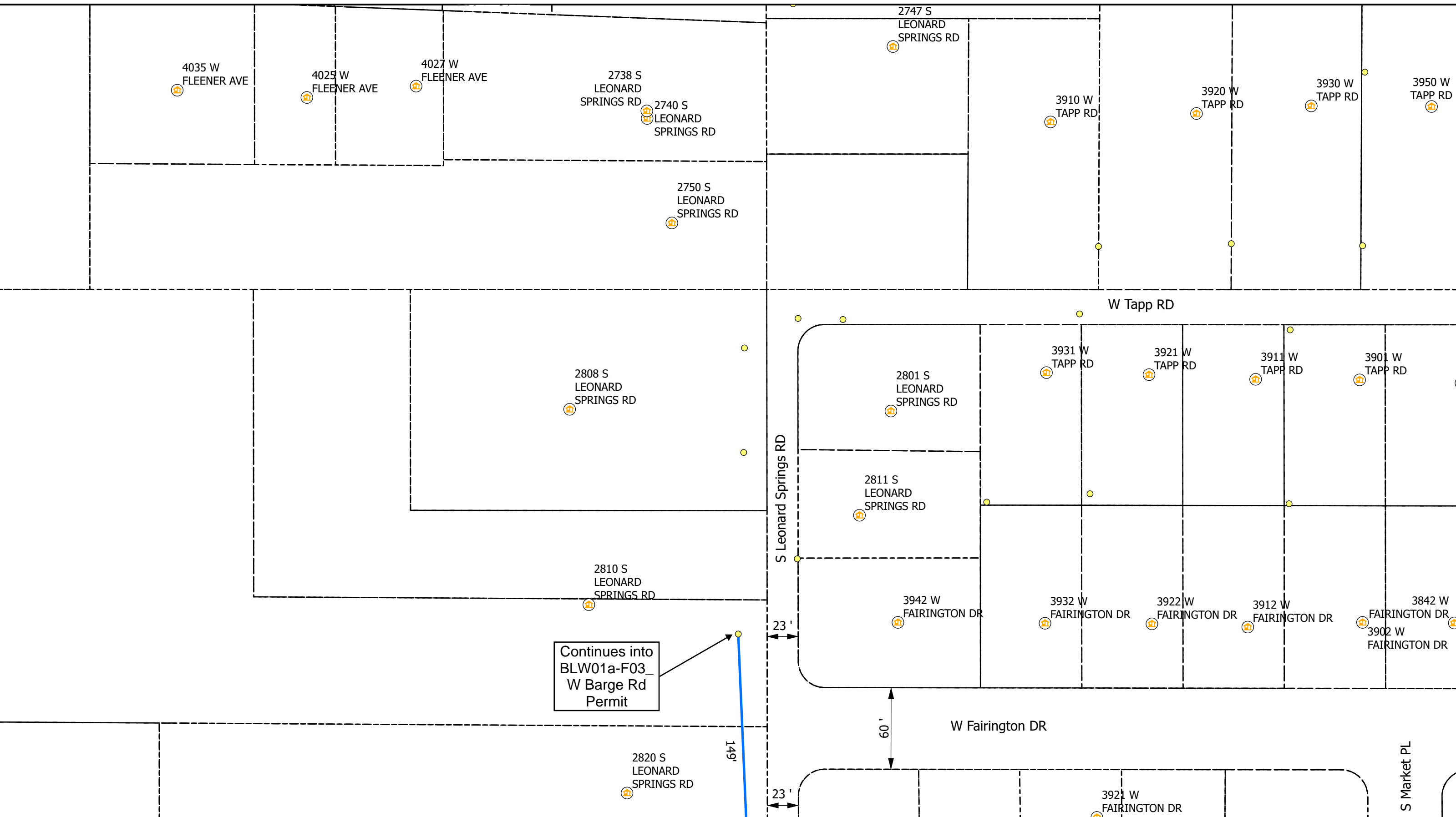
- Proposed Aerial
- - - Conduit
- Grids



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION





- Legend**
- Poles
 - Ⓡ Risers
 - Ⓜ Sidewalk
 - V Vaults
 - Ⓜ Address
 - Bloomington_Parcels
 - Overhead Strand
 - Y Anchor
 - Grids
 - - - Conduit

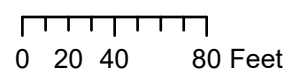
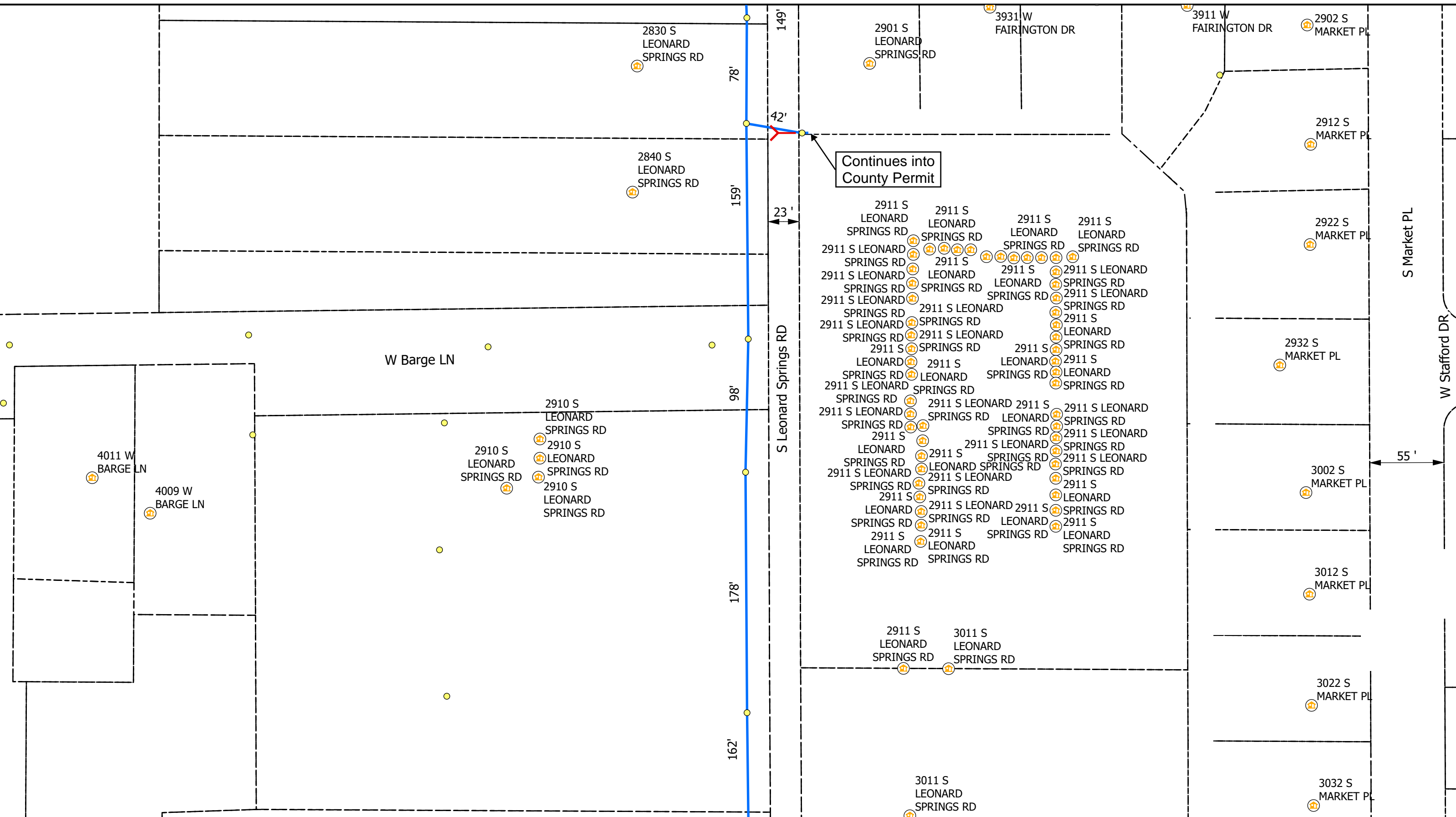
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION





Legend

- Poles
- Ⓡ Risers
- Ⓜ Sidewalk
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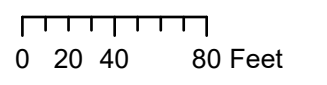
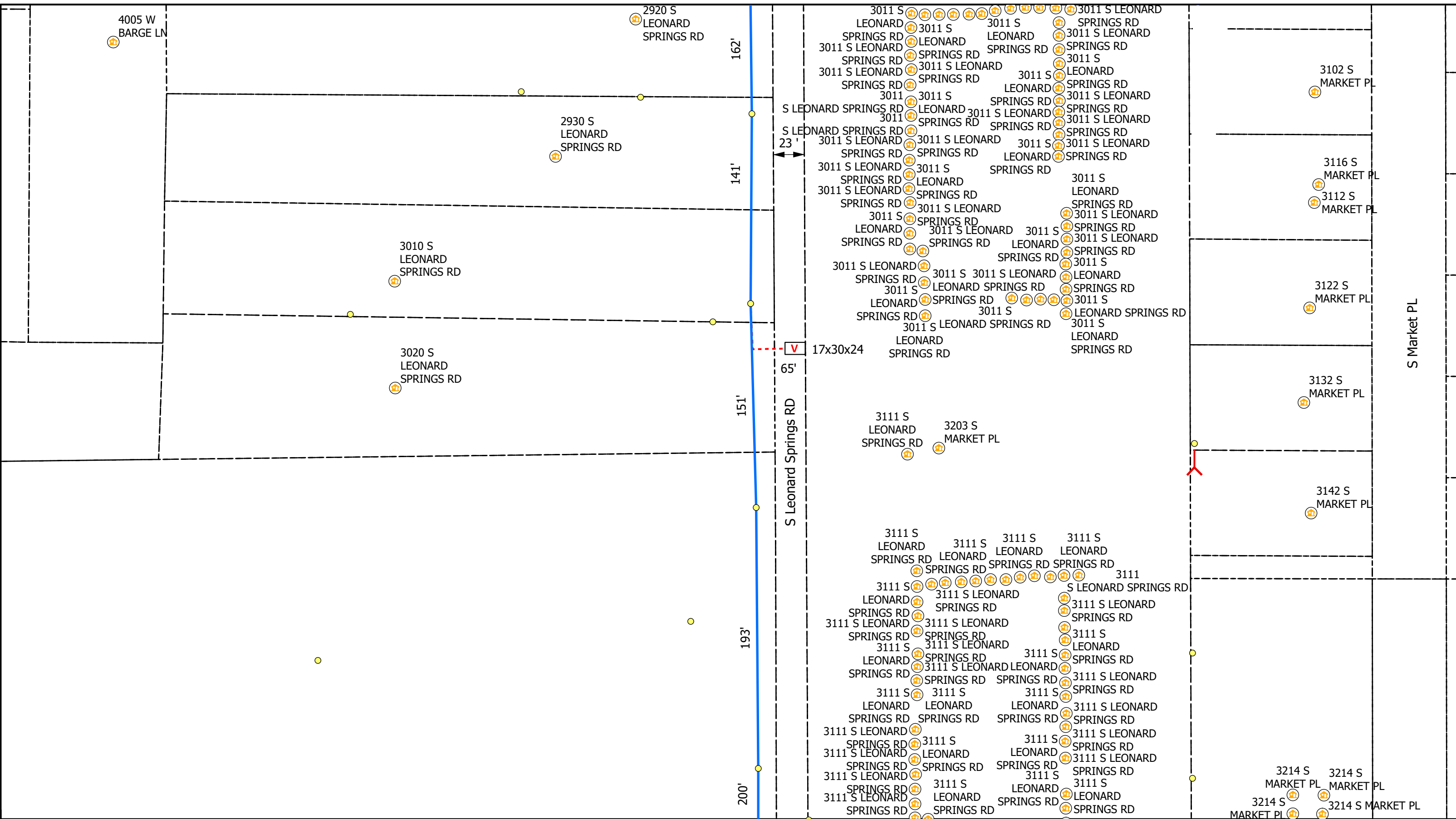
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION





Legend

- Poles
- Ⓡ Risers
- Ⓜ Address
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- — — Conduit
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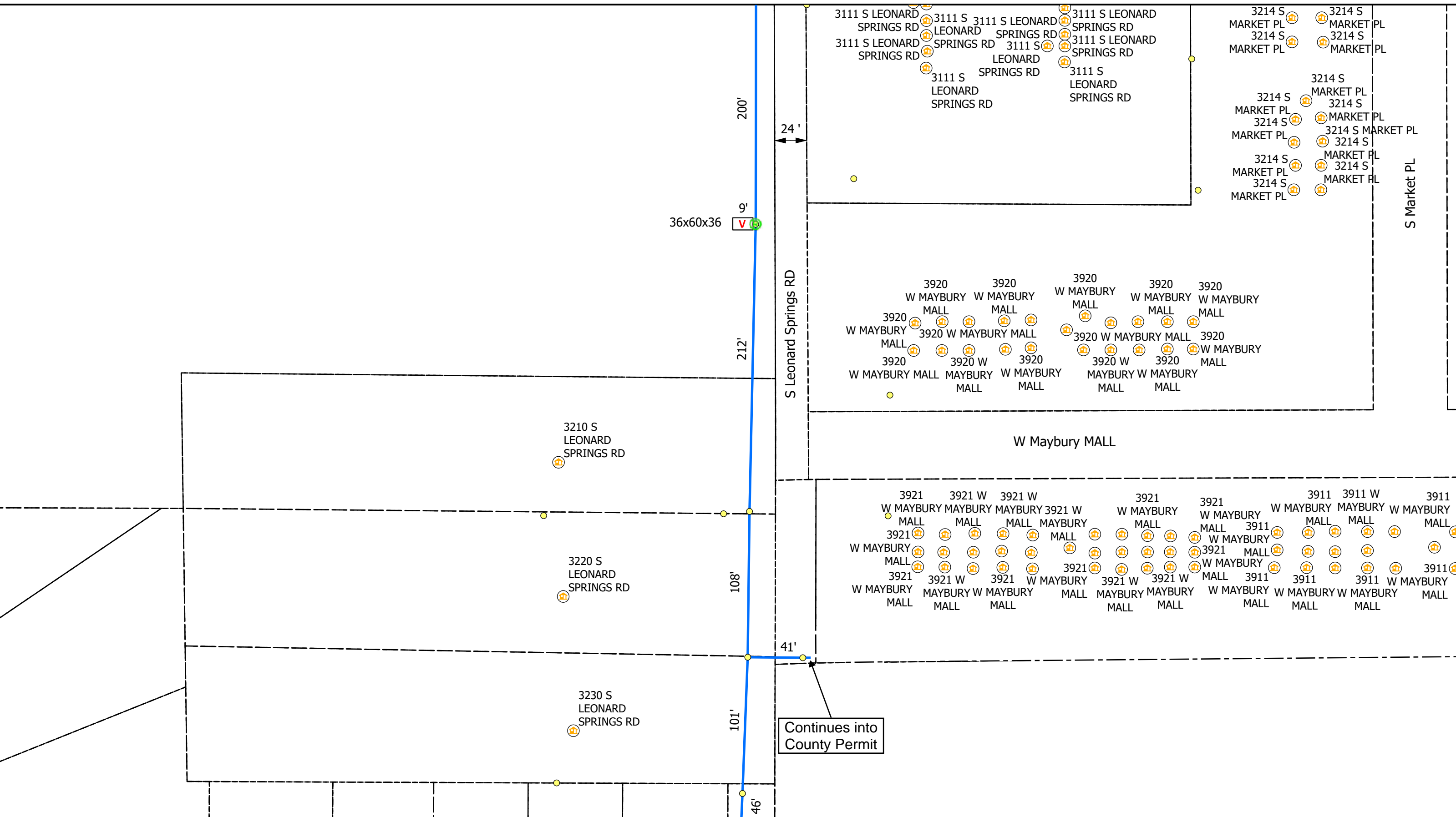
All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION

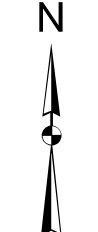




Legend

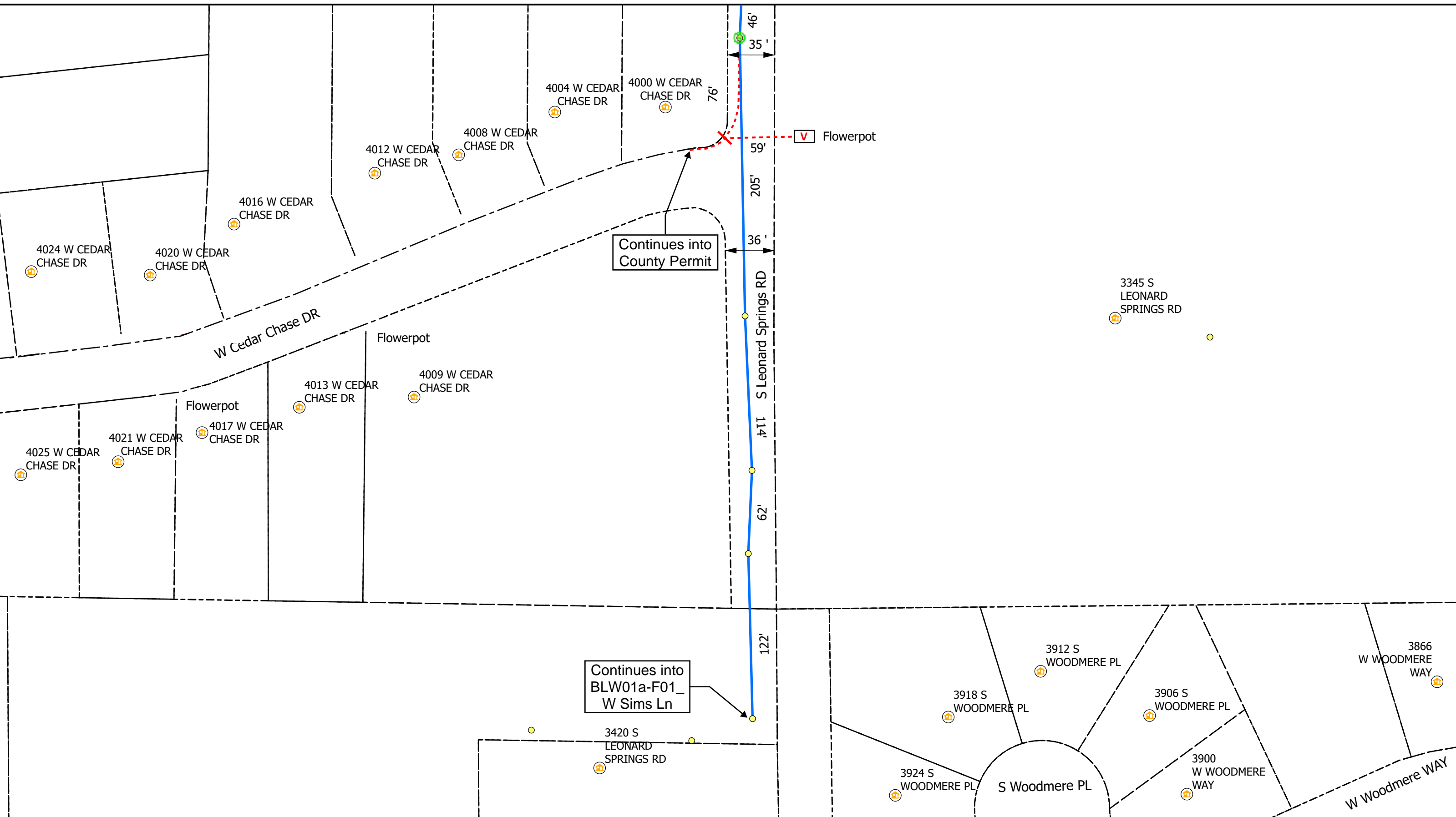
- Poles
- Risers
- Sidewalk
- Vaults
- Address
- Bloomington_Parcels
- Overhead Strand
- Anchor
- Grids
- Conduit

All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION



Legend

- Poles
- Ⓡ Risers
- V Vaults
- 🏠 Address
- Overhead Strand
- Conduit
- ↖ Sidewalk
- Bloomington_Parcels
- Grids
- Y Anchor

All Flowerpots 12" DIA



City of Bloomington, IN Permit:
Design View

INI	BY	DATE	DESCRIPTION



Carlton® PV-Mold® Nonmetallic Pole Riser System

Carlton PV-Mold is a nonmetallic pole riser system designed to protect communications power cable installed on poles.

Features:

- Meets or exceeds requirements outlined in the National Electric Safety Code (NESC).
- Designed in accordance with NEMA TC-19 specifications.
- Ultraviolet, cold temperature and corrosive atmosphere resistant.
- Schedule 40 wall meets Schedule 80 PVC conduit impact requirements per NEMA TC-19.
- No grounding required.
- Belled end fits over each added section or conduit.
- Flame retardant.
- Requires no maintenance.
- PV-Mold acts as an insulator against electrical shock.
- Interchangeable parts and accessories to match the needs of specific requirements.

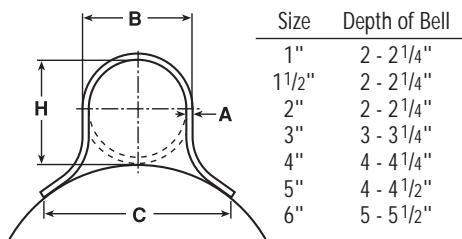


Steel U-Guard requires grounding strapping and does not have belled ends.



PV-Mold has belled ends, flanged design and does not require grounding.

Flanged Overall Length 10 Feet, Including Bell

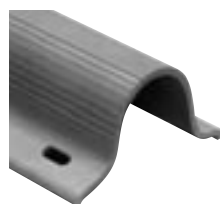


Slots are 1/2" from side to side, and allow for expansion and contraction.

Slot Dimensions: for sizes 2" through 6" are 5/16" wide, 3/4" long.

Slot Dimensions: for 1" and 1 1/2" are 3/16" wide, 3/4" long.

Slot Spacing: 18" from center, beginning 6" from end.



Standard Duty

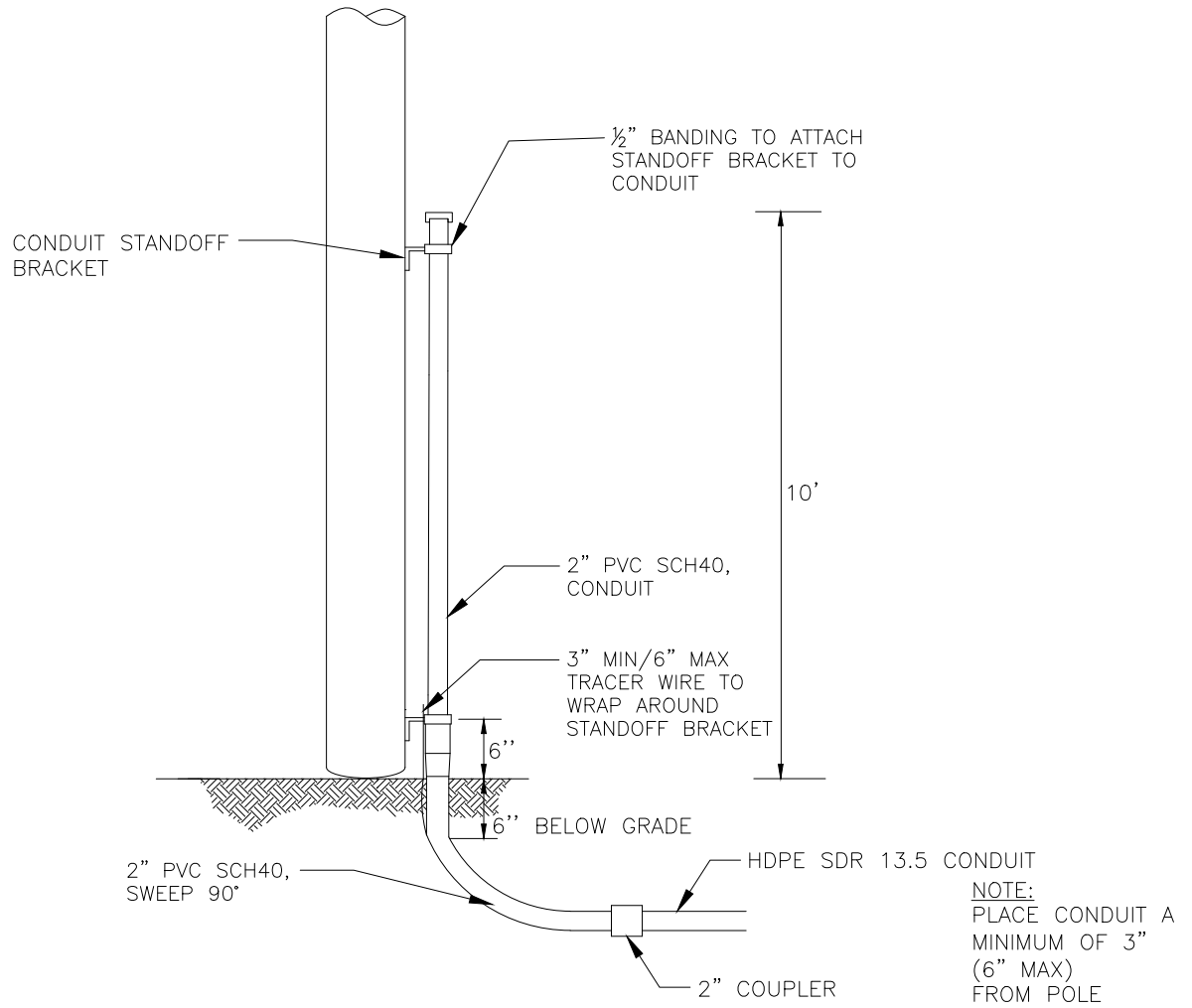
Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)	Dimensions				Actual Impact @ 0°C 20 Pound Top
				A	B	C	H	
59208N	1"	294	1059	0.100"	1 5/8"	2 3/8"	1 5/8"	40 Ft.-Lbs.
59211N	2"	136	726	0.100"	2 3/8"	4 1/2"	2 3/8"	100 Ft.-Lbs.
59211X (5' length)	2"	136	363	0.100"	2 3/8"	4 1/2"	2 3/8"	100 Ft.-Lbs.
59213N	3"	66	761	0.150"	3 1/2"	6"	3 1/2"	110 Ft.-Lbs.
59213X (5' length)	3"	66	381	0.150"	3 1/2"	6"	3 1/2"	100 Ft.-Lbs.
59215N	4"	65	910	0.150"	4 1/2"	6 1/2"	4 1/2"	110 Ft.-Lbs.
59216N	5"	30	515	0.150"	5 1/2"	7 1/2"	5 1/2"	110 Ft.-Lbs.

Heavy Duty Schedule 40

59010N	1 1/2"	200	1142	0.145"	1 29/32"	3 1/2"	1 29/32"	100 Ft.-Lbs.
59011N	2"	136	1214	0.154"	2 3/8"	4 1/2"	2 3/8"	150 Ft.-Lbs.
59013N	3"	66	937	0.216"	3 1/2"	6"	3 9/32"	150 Ft.-Lbs.
59015N	4"	65	1621	0.237"	4 1/2"	6 1/2"	4 1/2"	260 Ft.-Lbs.
59015X (5' length)	4"	65	707	0.237"	4 1/2"	6 1/2"	4 1/2"	260 Ft.-Lbs.
59016N	5"	30	870	0.258"	5 1/2"	7 1/2"	5 1/2"	260 Ft.-Lbs.
59017N	6"	30	1160	0.280"	6 5/8"	8 3/4"	6 5/8"	260 Ft.-Lbs.

Extra Heavy Duty Schedule 80

59411N	2"	136	1549	0.218"	2 3/8"	4 1/2"	2 3/8"	300 Ft.-Lbs.
59413N	3"	66	1495	0.030"	3 1/2"	6"	3 1/2"	525 Ft.-Lbs.



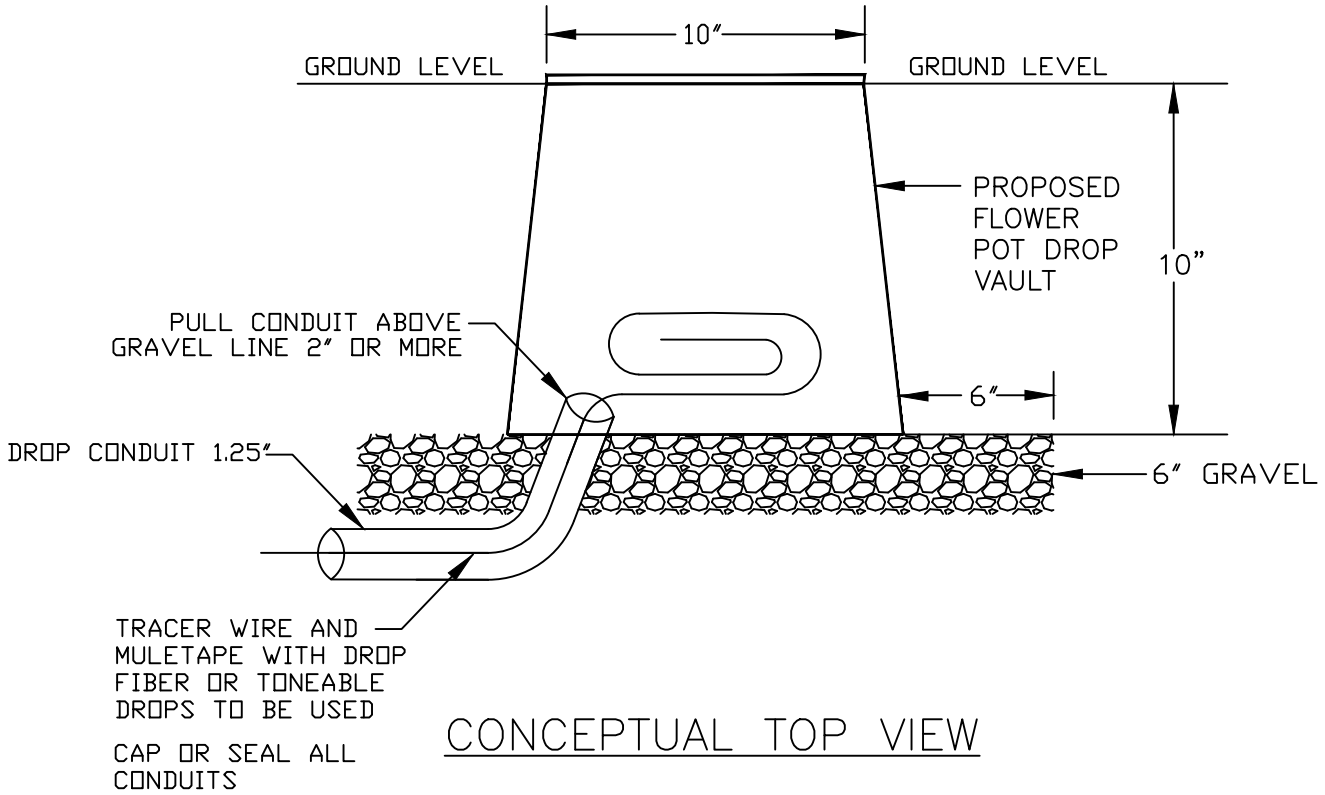
DESCRIPTION	QTY	MANUFACTURER (PREFERRED)	PART #
SCREW, LAG, 1/2" x 4-1/2"	10		
HDPE SDR 13.5 CONDUIT, VARIOUS SIZES	N/A		
2" PVC SCH40, RISER PIPE	1		
#12 TRACER WIRE	N/A		
2" PVC SCH40, SWEEP, 90 DEG	1		
CONDUIT STANDOFF BRACKET	VARIES		
CONDUIT STRAP KIT	VARIES		
2" COUPLER	1		



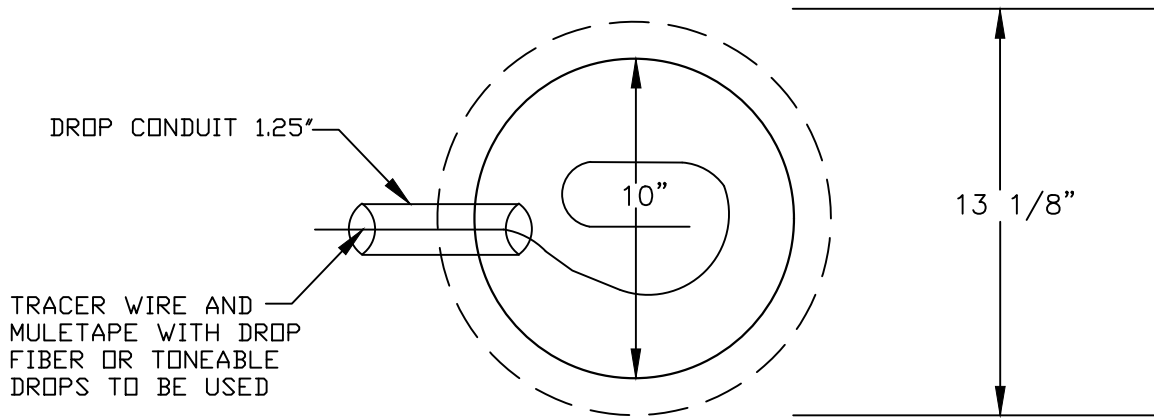
TYPICAL RISER
CONDUIT
WOOD POLE

(R2-W)

CONCEPTUAL SIDE VIEW



CONCEPTUAL TOP VIEW

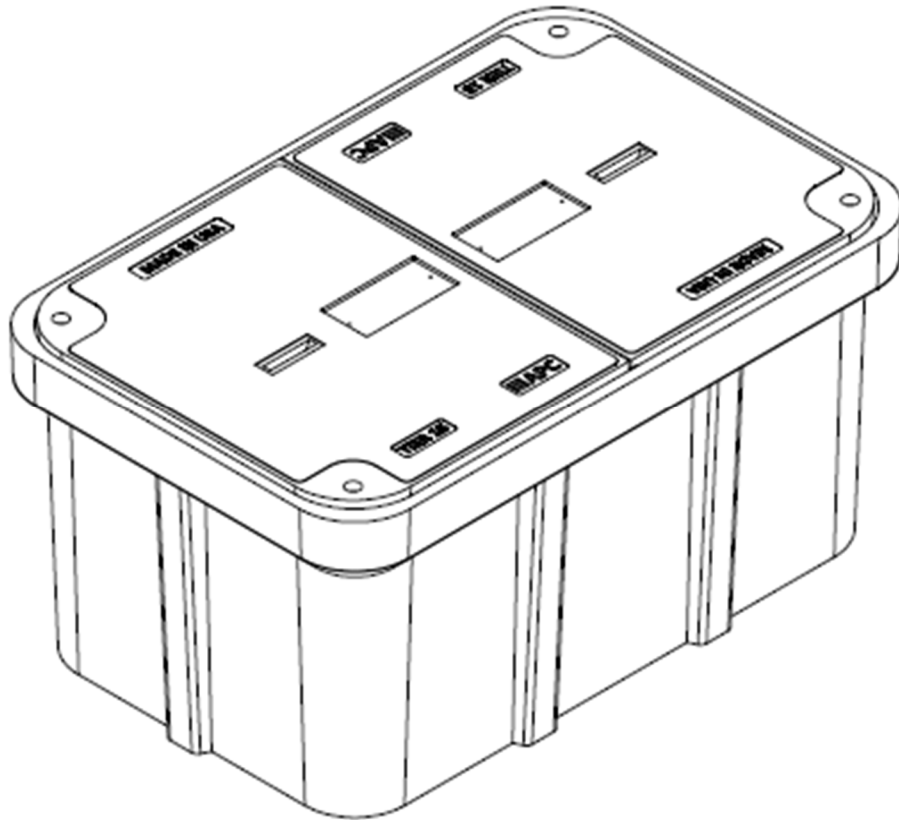


FLOWER POT

30"x48" PC UNIT, 2PC TIER 15/22
 18", 24", and 36" HEIGHT



AMERICAN POLYMER COMPANY



Description	Nominal Size	ANSI Tier	Part Number	Estimated Weight
PC Unit – TIER 15	30"x48"x18"	Tier 15	P304818HU15...	460 lbs.
PC Unit – TIER 22	30"x48"x18"	Tier 22	P304818HU22...	525 lbs.
PC Unit – TIER 15	30"x48"x24"	Tier 15	P304824HU15...	510 lbs.
PC Unit – TIER 22	30"x48"x24"	Tier 22	P304824HU22...	575 lbs.
PC Unit – TIER 15	30"x48"x36"	Tier 15	P304836HU15...	615 lbs.
PC Unit – TIER 22	30"x48"x36"	Tier 22	P304836HU22...	680 lbs.

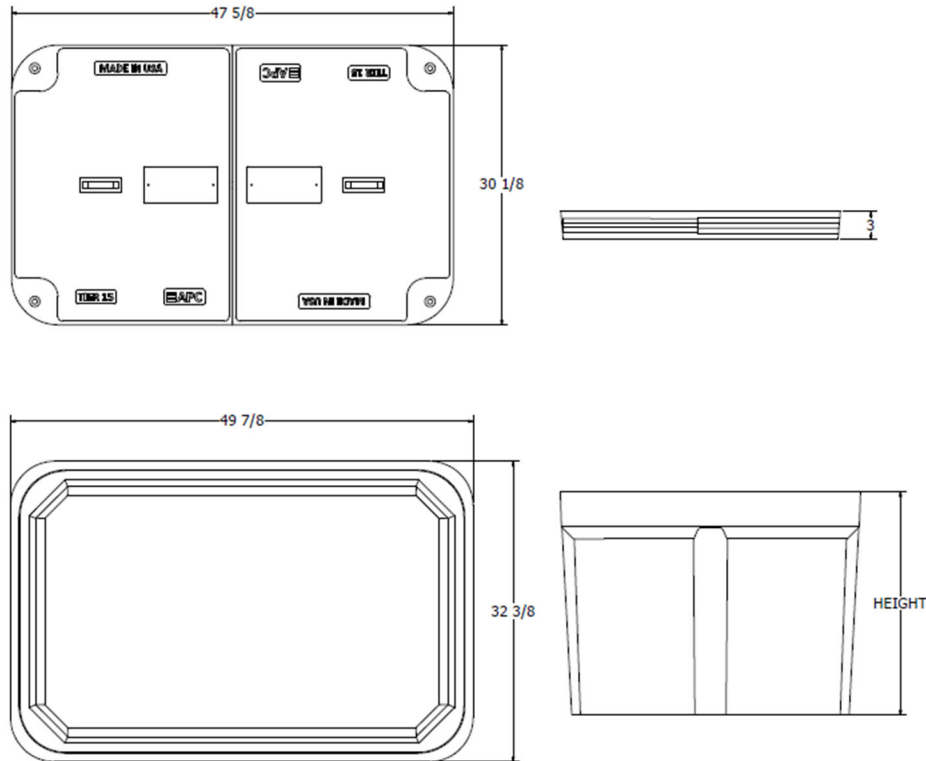


30"x48" PC UNIT, 2PC TIER 15/22

18", 24", and 36" HEIGHT



AMERICAN POLYMER COMPANY



Components	Nominal Size	ANSI Tier	Part Number	Estimated Weight
Replacement Box	30"x48"x18"	Tier 22	P304818B22	185 lbs.
Replacement Box	30"x48"x24"	Tier 22	P304824B22	235 lbs.
Replacement Box	30"x48"x36"	Tier 22	P304836B22	340 lbs.
Replacement Lids - T15	30"x48" (half)	Tier 15	Various	150 lbs.
Replacement Lids - T22	30"x48" (half)	Tier 22	Various	170 lbs.

Bolt options



Machine Thread



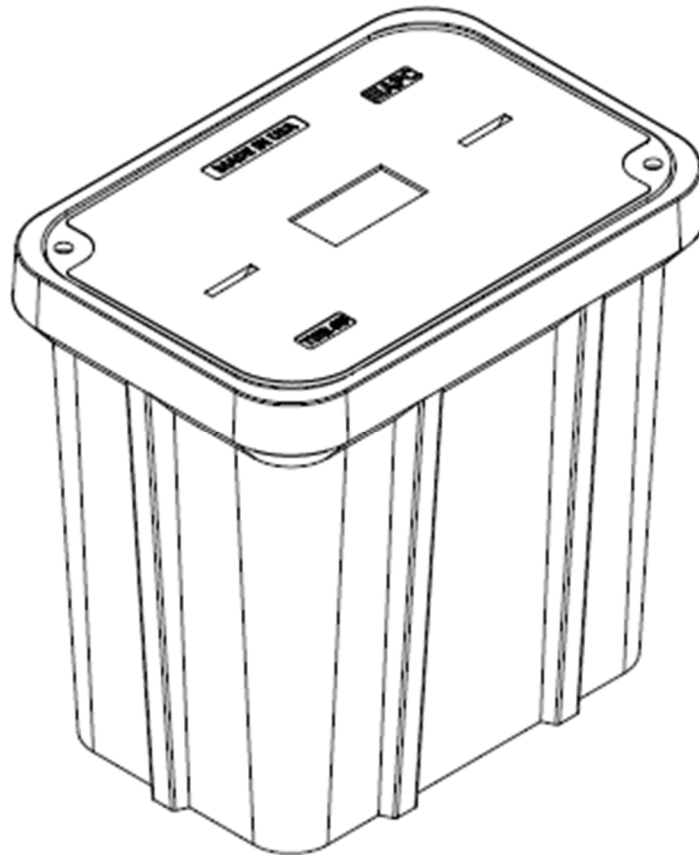
Auger Thread



24"x36" PC UNIT, TIER 15/22
 18", 24", 30", and 36" HEIGHT



AMERICAN POLYMER COMPANY



Description	Nominal Size	ANSI Tier	Part Number	Estimated Weight
PC Unit – TIER 15	24x36"x18"	Tier 15	P243618U15...	335 lbs.
PC Unit – TIER 22	24x36"x18"	Tier 22	P243618U22...	355 lbs.
PC Unit – TIER 15	24x36"x24"	Tier 15	P243624U15...	365 lbs.
PC Unit – TIER 22	24x36"x24"	Tier 22	P243624U22...	385 lbs.
PC Unit – TIER 15	24x36"x30"	Tier 15	P243630U15...	395 lbs.
PC Unit – TIER 22	24x36"x30"	Tier 22	P243630U22...	415 lbs.
PC Unit – TIER 15	24x36"x36"	Tier 15	P243636U15...	425 lbs.
PC Unit – TIER 22	24x36"x36"	Tier 22	P243636U22...	445 lbs.

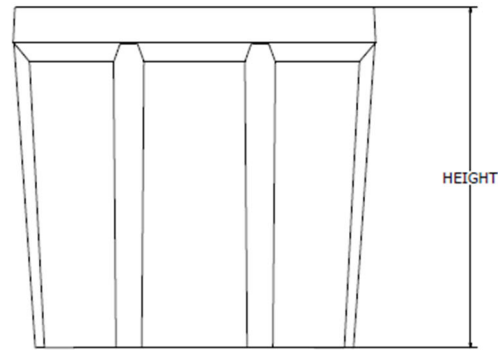
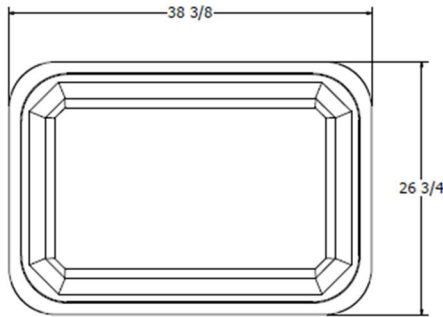
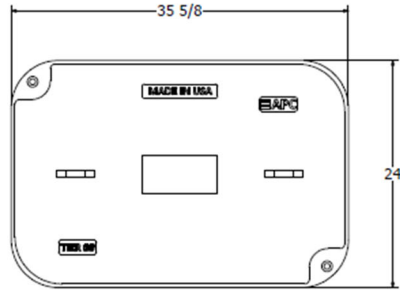


24"x36" PC UNIT, TIER 15/22

18", 24", 30", and 36" HEIGHT



AMERICAN POLYMER COMPANY



Components	Nominal Size	ANSI Tier	Part Number	Estimated Weight
Replacement Box	24"x36"x18"	Tier 22	P243618B22	165 lbs.
Replacement Box	24"x36"x24"	Tier 22	P243624B22	195 lbs.
Replacement Box	24"x36"x30"	Tier 22	P243630B22	225 lbs.
Replacement Box	24"x36"x36"	Tier 22	P243636B22	255 lbs.
Replacement Lids - T15	24"x36"	Tier 15	Various	170 lbs.
Replacement Lids - T22	24"x36"	Tier 22	Various	190 lbs.

Bolt options

Hex Head



Machine Thread



Penta Head



Auger Thread

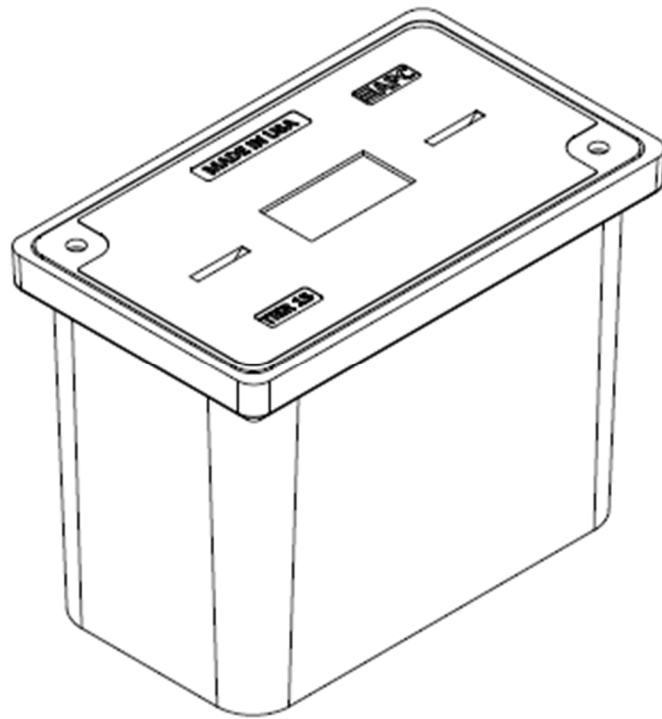


17"x30" PC UNIT, TIER 15/22

12", 18", 24", and 30" HEIGHT



AMERICAN POLYMER COMPANY



Description	Nominal Size	ANSI Tier	Part Number	Estimated Weight
PC Unit – TIER 15	17"x30"x12"	Tier 15	P173012U15...	138 lbs.
PC Unit – TIER 22	17"x30"x12"	Tier 22	P173012U22...	147 lbs.
PC Unit – TIER 15	17"x30"x18"	Tier 15	P173018U15...	172 lbs.
PC Unit – TIER 22	17"x30"x18"	Tier 22	P173018U22...	181 lbs.
PC Unit – TIER 15	17"x30"x24"	Tier 15	P173024U15...	192 lbs.
PC Unit – TIER 22	17"x30"x24"	Tier 22	P173024U22...	201 lbs.
PC Unit – TIER 15	17"x30"x30"	Tier 15	P173030U15...	217 lbs.
PC Unit – TIER 22	17"x30"x30"	Tier 22	P173030U22...	226 lbs.

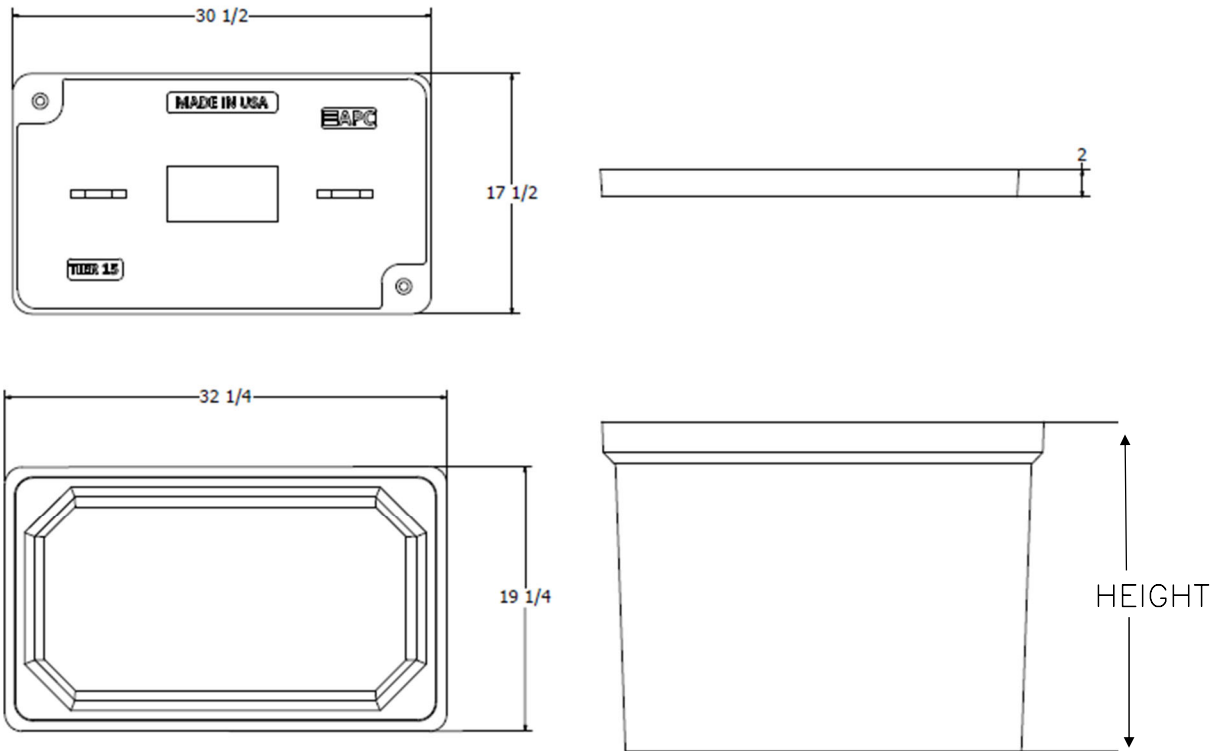


17"x30" PC UNIT, TIER 15/22

12", 18", 24", and 30" HEIGHT



AMERICAN POLYMER COMPANY



Components	Nominal Size	ANSI Tier	Part Number	Estimated Weight
Replacement Box	17"x30"x12"	Tier 22	P173012B22	66 lbs.
Replacement Box	17"x30"x18"	Tier 22	P173018B22	100 lbs.
Replacement Box	17"x30"x24"	Tier 22	P173024B22	120 lbs.
Replacement Box	17"x30"x30"	Tier 22	P173030B22	145 lbs.
Replacement Lids – T15	17"x30"	Tier 15	Various	72 lbs.
Replacement Lids – T22	17"x30"	Tier 22	Various	81 lbs.

Bolt options



Machine Thread



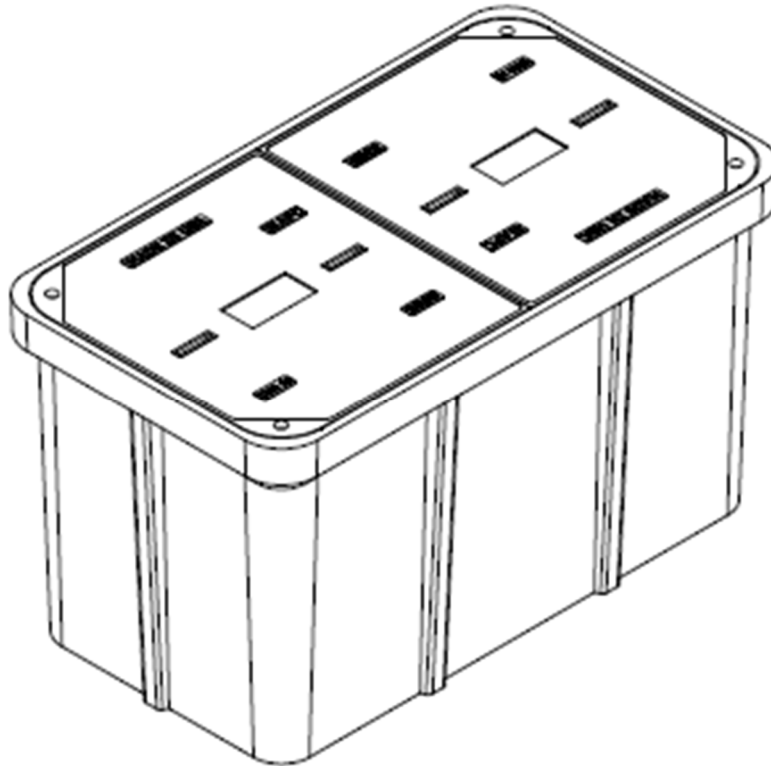
Auger Thread



33"x60" PC UNIT, 2PC TIER 15/22
36" HEIGHT



AMERICAN POLYMER COMPANY



Description	Nominal Size	ANSI Tier	Part Number	Estimated Weight
PC Unit - TIER 15	33"x60"x36"	Tier 15	P336036U15...	930 lbs.
PC Unit - TIER 22	33"x60"x36"	Tier 22	P336036U22...	1030 lbs.

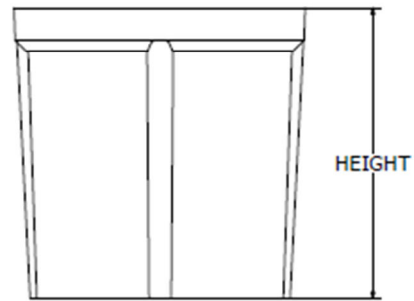
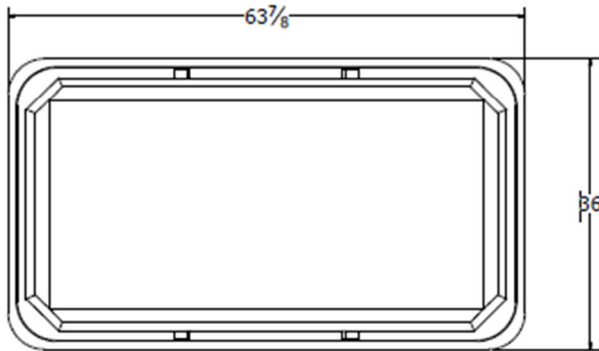
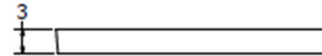


33"x60" PC UNIT, 2PC TIER 15/22

36" HEIGHT



AMERICAN POLYMER COMPANY



Components	Nominal Size	ANSI Tier	Part Number	Estimated Weight
Replacement Box	33"x60"x36"	Tier 22	P336036B22	530 lbs.
Replacement Lids - T15	33"x60" (half)	Tier 15	Various	200 lbs.
Replacement Lids - T22	33"x60" (half)	Tier 22	Various	250 lbs.

Bolt options

Hex Head



Machine Thread



Penta Head



Auger Thread



Spacing Charts Based on MUTCD		Must be Approved by an Engineer					
Speed (MPH) Prior To Road Work	SIGN SPACING, FT.		BUFFER SPACE, FT.	TAPER LENGTH, FT.		CHANNELIZING SPACING, FT.	
	Non-Divided Highways	Divided Highways	Length	Shoulder (10 ft. Width)	Lane (12 ft. Width)	Through Taper	Through Buffer/Work Area
0-35	200	200	250	70	245	35	50
40-45	350	500	360	150	540	40	80
50-55	500	1000	495	185	660	50	100
60-70	SA-1000, SB-1500, SC-2640		730	235	840	60	120
Urban Low Speed - 100 FT							

APPROVED/ACCEPTED BY:
ENGINEER, OWNER, or PRIME CONTRACTOR
 Check for Notice to Proceed.

Signature: _____

Company: _____

Date: 2/28/2024 **Project:** BLW01a-F02 S Leonard Springs Rd TCP1 ;
Traffic Control Suggestion For: ATLANTIC ENGINEERING (AEG) ;
By: Road Runner Safety Services, Inc. : Nathan

Comments:
 Drawing not to scale. Traffic control plan must be approved by an engineer. This is a suggestion only. Road Runners Safety Services, Inc. has no liability for this suggested traffic control plan. Actual placement and spacing of all traffic control devices will depend on field conditions and must conform to MUTCD standards.

- Legend**
- Channelizer
 - Conduit
 - Flagger (Person)
 - Overhead Strand
 - Vault
 - Work Area

