

CLERK'S CONTRACT and AGREEMENT COVER PAGE

Legistar File ID#: 2025-0176

Contract #: 20250158

Start date: 3/3/2025

End date: 8/1/2026

Amount: \$ 9,661,051.00

Contingency Amount: \$ 500,000.00

Department: Public Works

Total Contract Amount: \$ 10,161,051.00

Contract Type: Contractor

Contractors Name: Airy's Inc

Status of Ownership: Disabled/Veteran-Owned **Status of Sub:** N/A

Certification: Attached Self-Certifying Did not disclose

Contract Description: Catalina Subdivision 2025 Watermain Project -Phase III of III



**AGREEMENT BETWEEN THE VILLAGE OF ORLAND PARK AND
Airy's, Inc. FOR Catalina Subdivision 2025 Watermain Improvements Project**

THIS AGREEMENT (hereinafter, the "Agreement" or the "Contract") is made the 3rd day of March, 2025, by and between the Village of Orland Park (hereinafter referred to as "VILLAGE") and Airy's, Inc. (hereinafter referred to as "Contractor") to furnish all materials, supplies, tools, equipment, labor, and perform other services necessary to commence and complete the Work in connection with the Catalina Subdivision 2025 Watermain Improvements Project (hereinafter referred to as "Project", the "Work", or the "Services").

WITNESSETH:

In consideration of these premises and the mutual covenants set forth herein by the Village and the Contractor (hereinafter referred to collectively as the "Parties"), the Parties agree as follows:

1. Scope of Work: The Contractor agrees to and shall timely perform and fully complete the "Scope of Work" as set forth in:
 - The Contractor's Proposal dated February 7, 2025, and revised Unit Price Sheet dated February 14, 2025; and/or
 - Village of Orland Park ITB/RFP/Purchase Order No.RFP 25-012.which is/are attached hereto and made a part of this Agreement as Exhibit A (the "Work" or the "Project"). The terms, conditions and specifications set forth in Village's Request for Proposal ("RFP"), Invitation To Bid ("ITB") and/or Purchase Order and any other Village document shall supersede, govern, and prevail over any inconsistent terms, conditions, and/or specifications on any other documents submitted by the Contractor. Any provisions in the Contractor's Proposal or Bid or other submittals which are in conflict with or inconsistent with any of the same provisions in the Village's RFP, ITB, and/or Purchase Order shall be void to the extent of such conflict or inconsistency and the terms of the Village's RFP, ITB, and/or Purchase Order shall control.
2. Payment:
 - A. Compensation: The Village agrees to pay the Contractor as compensation for all Work required by this Agreement as follows:
 - the amount(s) set forth on Exhibit A (the "Contractor's Proposal");
 - the amount(s) based upon Schedule of Fees or Prices set forth on Exhibit B attached hereto and thereby made a part hereof; and
 - a not-to-exceed amount of \$10,161,051.00 ("Contract Price")
 - a not-to-exceed Proposal or Bid amount of \$9,661,051.00, plus \$500,000.00 contingency which may not be spent without prior written approval by the Village through a Change Order Request, for a total amount not-to-exceed \$10,161,051.00 ("Contract Price")
 - (i) It is expressly understood and agreed to by both Parties that in no event shall the total amount to be paid by the Village for the complete and satisfactory performance of services, under this Agreement exceed \$10,161,051.00. Said price shall be the total compensation for Contractor's performance hereunder including, but not limited to, all work, deliverables, materials, supplies, equipment, subcontractor's fees, and all reimbursable travel and miscellaneous or incidental expenses to be incurred by Contractor. In the event the Contractor incurs cost in excess of the sum authorized for service under this Agreement, the Contractor shall pay such excess from its own funds, and the Village

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shall not be required to pay any part of such excess, and the Contractor shall have no claim against the Village on account thereof. For the avoidance of doubt, in no event shall Contractor be entitled to receive more than this not-to-exceed amount and this amount includes all costs incurred by Contractor in connection with the work and services authorized hereby, including, but not limited to: (i) any known or unknown and/or unexpected condition(s); (ii) any and all unforeseen difficulties; (iii) any unanticipated rises in the cost of labor, materials or equipment, changes in market or negotiating conditions, and errors or omissions made by others; (iv) the character of the work and/or services to be performed; and (v) any overrun in the time or cost necessary for the Contractor to complete the work due to any causes, within or beyond its control. Under no circumstances shall the Village be liable for any additional charges if Contractor's actual costs and reimbursable expenses for such work, service or deliverable exceed the not-to-exceed price. Accordingly, Contractor represents, warrants and covenants to the Village that it will not, nor will Contractor have anyone on its behalf, attempt to collect an amount in excess of the not to exceed price agreed to by the Contractor as set forth above.

- B. Invoices: The Contractor agrees to and shall prepare and submit:
- an invoice to the Village upon completion of and approval by the Village of the Work; or
 - invoice for progress payments to the Village as hereinafter set forth for Services completed to date. Invoices shall be prepared monthly and shall document the time/hours expended as the Work is completed to date by the Contractor.
- C. Payment: Notwithstanding any provision of the Illinois Local Government Prompt Payment Act (50 ILCS 505/1, et seq.) (the "Act") to the contrary, the Parties agree that any bill approved for payment by the Corporate Authorities shall be paid within sixty (60) days after the date of approval. If payment is not made within such sixty (60) day period, an interest penalty of 1% of any amount approved and unpaid shall be added for each full thirty (30) day period, without proration, after the expiration of the aforementioned sixty (60) day payment period, until final payment is made. No other provision of the Act shall apply to this contract.
- D. Withholding Payment: Notwithstanding anything to the contrary herein contained, no compensation will be paid to or claimed by the Contractor for services required to correct deficiencies attributable to errors or omissions of the Contractor, and all such errors or omissions must be corrected by the Contractor at their sole cost and expense. Notwithstanding anything to the contrary herein contained, the Village has the right to withhold from payment due the Contractor such sums as are reasonably necessary to protect the Village against any loss or damage which may result from: (i) the negligence of or unsatisfactory Services of the Contractor; (ii) the failure by the Contractor to perform the Contractor's obligations hereunder; or (iii) claims filed against the Village relating to the Services. Any sums withheld from the Contractor as provided in this section, and subsequently determined to be due and owing to the Contractor, will be paid to the Contractor.
- 10% retention will be withheld for this project for any payment made prior to the completion of 50% of the contract. When the contract is 50% complete, retainage withheld shall be reduced so that no more than 5% is held. After the contract is 50% complete, no more than 5% of the amount of any subsequent payments made under the contract will be held as retainage. When final acceptance is obtained the remaining 5% retention will be released in its entirety. Any further reduction below 5% in the retention amount prior to the final acceptance by the Village shall be at the sole discretion of the Village Manager and may be granted only if there are no claims or liens against the retained funds and with good cause shown as to why the Village Manager should consider a further reduction in the retention amount held by the Village.
- E. Appropriation of Funds: The Parties hereto agree that, if the term of this Agreement extends beyond the current fiscal year of the Village (the current fiscal year being the year in which the first date of the term of this Agreement falls), this Agreement is subject to the appropriation of funds by the Village Board of Trustees and/or any other funding agencies for each subsequent year. If the Village, and/or any other governmental agency providing funding for this Service, fails to make such an appropriation, the Village

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may terminate this Agreement and the Contractor will be entitled to receive, as its sole and exclusive remedy, compensation for Services properly performed to the date of termination to the extent the Village has funds available and appropriated to pay the Contractor such amount. Upon the request of the Contractor, the Village will inform the Contractor as to whether any governmental agency other than the Village is providing funding to pay all or a portion of the Services.

F. Records: The Contractor's records relating to the Services must be kept in accordance with generally accepted principles of accounting consistently applied and must be retained by the Contractor for a period of not less than five (5) years following the completion of the Services. Such records must be available to the Village or any authorized representative of the Village, upon reasonable prior notice, for audit and review during normal business hours at the Village offices, 14700 S. Ravinia Ave. Orland Park, IL 60462. In addition, such records must be available, upon reasonable prior notice, for audit and review by any other governmental agency providing funding for all or any portion of this Service.

3. Performance and Payment Bond: If the Contract Price is over \$100,000.00, prior to commencement of any Work on the Project, the Contractor shall provide to the Village a Performance and Payment Bond in compliance with the Public Construction Bond Act (30 ILCS 550/1, et seq.) and the Contract Documents.

A. Performance Bond: Guarantee to the Village that the vendor will perform its contractual obligations in accordance with the plans and specifications. The awarded contractor, within ten (10) days of the award of the contract by the Village of Orland Park, will be required to submit to the Village a Performance or Surety Bond, the value of the bond being equal to the total contract price, including any additional equipment and services hereto. The amount of the bond, the value of the bond being equal to the total contract price, among other conditions, shall be conditioned for the completion of the contract, for the payment of material used in the work and for all labor performed in the work, whether by subcontractor or otherwise. The bond must comply with the provisions found in the Illinois Revised Statutes. The cost of executing the bond, contract, and other documents required including all notarial fees and expenses are to be paid by the contractor to whom the contract is awarded. The surety on the bond shall be a company that is licensed by the Illinois Department of Insurance authorizing it to execute surety bonds and the company shall have a financial strength rating of at least A- as rated by A.M. Best Company, Inc., Moody's Investors Service, Standard & Poor's Corporation, or a similar rating agency.

B. Labor and Material Payment Bond: Ensure that subcontractors and material suppliers are paid according to contract. These bonds are typically used in conjunction with performance bonds. The awarded contractor, within ten (10) days of the award of the contract by the Village of Orland Park, will be required to submit to the Village a Labor and Material Payment Bond, the value of the bond being equal to the total contract price. The bond must comply with the provisions found in the Illinois Revised Statutes. The cost of executing the bond, contract, and other documents required including all notarial fees and expenses are to be paid by the contractor to whom the contract is awarded. The surety on the bond shall be a company that is licensed by the Illinois Department of Insurance authorizing it to execute surety bonds and the company shall have a financial strength rating of at least A- as rated by A.M. Best Company, Inc., Moody's Investors Service, Standard & Poor's Corporation, or a similar rating agency.

4. Contract Documents: The term "Contract Documents" means and includes, but is not limited to, this Agreement and the following, which are each attached hereto and thereby made a part hereof:

Scope of Services as set forth in the Contractor's proposal dated February 7, 2025 and the Village's RFP, ITB, and/or Purchase Order Exhibit A)

Schedule of Fees (Exhibit B)

In the event of any conflict between this Agreement and any other Contract Document, this Agreement shall prevail and control over the terms and conditions set forth in such other Contract Documents.

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5. Time is of the Essence; Dates of Commencement and Completion; Progress Reports:
 - A. Time is of the essence in this Contract. The Services to be performed by the Contractor under the Contract Documents shall commence no later than March 3, 2025 (hereinafter the "Commencement Date"), and shall be completed no later than August 1, 2026 (hereinafter the "Completion Date"), barring only Acts of God, due to which the Completion Date may be modified in writing with the prior approval of the Village. If the Contractor fails to complete the Services by the Completion Date, the Village shall thereafter have the right to have the Services completed by another independent contractor, and in such event, the Village shall have the right to deduct the cost of such completion so incurred by the Village from payments otherwise due to the Contractor for the Services and/or the right to recover any excess cost of completion from the Contractor to the extent that the total cost incurred by the Village for the completion of the Work which is the subject of the Contract Documents exceeds the Contract Price.
 - B. Progress Reports: The Contractor must prepare and submit monthly progress reports describing the Services performed in the prior month and anticipated to be performed in the following one-month period. The Services schedule shall insure that each of the Services provided being completed within a timeframe that does not negatively impact the Village's compliance any federal, state, or local regulations (if applicable).
6. Venue and Choice of Law: The Contractor and the Village agree that the venue for any and all disputes shall solely be in Cook County, Illinois, in which the Village's Village Hall is located. This Contract and all other Contract Documents shall be construed and interpreted in accordance with the laws of the State of Illinois.
7. Nonassignability: The Contractor shall not assign this Contract, or any part thereof, to any other person, firm, or corporation without the prior written consent of the Village, and in no case shall such consent relieve the Contractor or its surety from the obligations herein entered into by the same or change the terms of this Contract.
8. Notices: All notices required by the Contract Documents shall be given in writing and shall be served by one party to the other party via email (effective when transmitted), facsimile (effective when transmitted), personal delivery (effective when delivered), commercial overnight delivery (effective when delivered), or by mail (effective when mailed).
9. Right to Alter Scope of Services Reserved: The Village reserves the right to alter the plans, extend or shorten the Scope of Services, add to the Scope of Services as may be necessary, and increase or decrease the scope and/or quantity of the Services, including the deduction or cancellation of any one or more of the unit price items, or to cancel the Contract and the Services in their entirety for any reason.
10. Timely Written Response and Written Report(s) of Resolution Relative to Certain Incident(s), Claim(s) and/or Complaint(s):
 - A. All alleged incident(s), claim(s), or complaint(s) related to any alleged death, injury and/or damage to persons and/or to public or private property related to the Contractor's work or services provided pursuant to this Contract shall be reported to the Village and resolved by the Contractor and/or its agent in a timely manner.
 - B. Within three (3) business days after receipt by Contractor of an initial written or verbal notice of any such incident, claim, or complaint, the Contractor shall also provide to the Village, and to any third-party making such claim or complaint, the name, telephone number, and cellular number of the Contractor's officer or employee who will be responsible for managing the resolution thereof until its final resolution by the Contractor and/or by the Contractor's insurer or agent.
 - C. Within ten (10) business days after the Contractor's receipt of the first notice of an alleged incident, claim, or complaint related to any alleged death, injury, and/or damage to persons and/or to public or private property (the "incident, claim, or complaint"), the Contractor or its agent(s) shall provide to the Village

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and to any third-party person making such claim or complaint an initial written response relative to such incident, claim or complaint, and the efforts and current progress of the Contractor and/or its agents to date toward the resolution of such incident, claim or complaint.

- D. If complete resolution of the incident, claim, or complaint has not been reached within the aforesaid ten (10) business day period, the Contractor or its agent shall continue to use all reasonable efforts to fully resolve the incident, claim, or complaint, and to that end, further updated written status reports of resolution, or progress toward resolution, as the case may be, of such incident, claim, or complaint shall be provided to the Village by the Contractor not less than monthly until such incident, claim, or complaint is fully resolved.
- E. The Contractor or its agents will be expected to fully resolve most incident(s), claim(s), or complaint(s) involving minor damage to public or private property within said initial ten (10) business day period after the Contractor receives its initial verbal or written notice of such incident, claim, or complaint.

11. Control and Inspection of Work or Services: Unless otherwise specified in the Contract Documents, inspection, acceptance or rejection of Work, and/or Services, including but not limited to goods, materials, and/or equipment which are part thereof, shall be made after delivery. Final inspection, acceptance and/or rejection of the Work and/or Services, including but not limited to goods, materials, and/or equipment which are part thereof, shall not impose liability on the Village for Work, and/or Services not in accordance with the Contract Documents as determined solely by the Village. Payment shall not be due on rejected Work and/or Services until and unless fully corrected and/or replaced as determined by the Village. All Work or Services performed by the Contractor shall be done in conformance with the Contract Documents.

12. Permits and Licenses: The Contractor shall obtain, at its own expense, all permits and licenses which may be required to complete the Project and all related Work as contemplated by the Contract Documents.

13. Insurance:

A. Prior to Commencement of Work:

- (i) Prior to commencement of any Work under the Contract Documents, Contractor shall supply to the Village certificates of insurance as specified below, provided, however, these insurance requirements shall not be applicable to any Contract which is only for the purchase of goods by the Village, but which does not include the installation thereof by the Contractor. Contractor shall not start the Work under the related Contract until Contractor has obtained all insurance required under this Paragraph 12, and all such insurance coverage has been obtained and approved by the Village Manager, or his designee.

(ii) Minimum Scope of Insurance:

Coverage shall be at least as broad as Insurance Services Office (“ISO”) Commercial General Liability occurrence form CG 00 01 04 13 with the “Village of Orland Park and its officers, officials, employees, agents and volunteers” named as additional insureds on a primary and non-contributory basis. This primary, non-contributory additional insured coverage shall be confirmed through the following required policy endorsements: ISO Additional Insured Endorsement CG 20 10 04 13 or CG 20 26 04 13, and CG 20 01 04 13.

If this box is checked, a Completed Operations Endorsement (CG 20 37 04 13) is also required.

B. Insurance Required: The Contractor shall procure and maintain, for the duration of the Contract, insurance against claims for injuries to persons or damage to property, which may arise from or in connection with the performance of the Work hereunder by the Contractor, its employees, subcontractors, and other agents, and:

(i) Commercial General Liability:

- (a) \$1,000,000 combined single limit per occurrence for bodily injury, and property damage and \$1,000,000 per occurrence for personal injury. The general aggregate shall be \$2,000,000.

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- (b) The Village of Orland Park, and its officers, officials, employees, agents and volunteers, are to be named and covered as additional insureds as respects: liability arising out of the Contractor's work, including activities performed by or on behalf of the Contractor; products and completed operations of the Contractor; premises owned, leased or used by the Contractor, or automobiles owned, leased, hired or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to the Village of Orland Park and its officers, officials, employees, agents and/or volunteers.
 - (c) The Contractor's insurance coverage shall be primary and non-contributory as respects the Village of Orland Park and its officers, officials, employees, agents and volunteers. Any insurance or self-insurance maintained by the Village of Orland Park and/or on behalf of its officers, officials, employees, agents and/or volunteers shall be excess of Contractor's insurance and shall not contribute with it.
 - (d) Any failure to comply with reporting provisions of any applicable insurance policies shall not affect coverage provided to the Village of Orland Park and/or its officers, officials, employees, agents and/or its volunteers.
 - (e) The Contractor's insurance shall contain a Severability of Interests/Cross-Liability clause or language stating that Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
 - (f) If any commercial general liability insurance is being provided under an excess or umbrella liability policy that does not "follow form", then the Contractor shall be required to name the "Village of Orland Park, and its officers, officials, employees, agents and volunteers" as additional insureds.
 - (g) All general liability coverages shall be provided on an occurrence policy form. Claims-made general liability policies will not be accepted.
 - (h) The Contractor and all subcontractors hereby agree to waive any limitation as to the amount of contribution recoverable against them by the Village of Orland Park, and/or by its officers, officials, employees, agents and/or its volunteers. This specifically includes any limitation imposed by any state statute, regulation, or case law including any Workers' Compensation Act provision that applies a limitation to the amount recoverable.
- (ii) Owners and Contractors Protective Liability (OCP) Policy: The OCP Policy shall name the "Village of Orland Park, and its officers, officials, employees, agents and volunteers" as insured or as additional insured and shall include coverage of \$1,000,000 combined single limit per occurrence for bodily injury and property damage;
(Required for large construction projects; applicable if box is checked)
- (iii) ISO Business Auto Liability coverage form number CA 00 01, Symbol 01 "Any Auto": \$1,000,000 combined single limit per accident for bodily injury, and property damage and \$1,000,000 per occurrence for personal injury.
- (iv) Workers' Compensation insurance as required by the Workers' Compensation Act of the State of Illinois with coverage of statutory limits and Employers' Liability Insurance with limits of \$500,000 per accident:
- (a) The insurer shall agree to waive all rights of subrogation against the "Village of Orland Park, its officers, officials, employees, agents and volunteers" for losses arising from work performed by the Contractor for the Village.
 - (b) NCCI Alternate Employer Endorsement (WC 00 03 01 A) in place to insure that workers' compensation coverage applies under Contractor's coverage rather than under the coverage of the Village of Orland Park, and/or of its officers, officials, employees, agents and/or its volunteers (if the Village of Orland Park, its officers, officials, employees, agents and/or its volunteers are borrowing, leasing or in day to day control of Contractor's employee).

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- (v) Builder's Risk Property Coverage with "Village of Orland Park" named as the loss payee: insurance shall be provided against "all risk" of physical damage, including water damage (flood and hydrostatic pressure not excluded) on a completed replacement cost basis;
(Required for a general contractor on a building construction project; applicable if box is checked)
 - (vi) Environmental Impairment/Pollution Liability Coverage: \$1,000,000 combined single limit per occurrence for bodily injury, property damage and remediation costs, including but not limited to, for pollution incidents as a result of a claim for bodily injury, property damage or remediation costs from an incident at, on or migrating beyond the contracted work site. Coverage shall be extended to Non-Owned Disposal sites resulting from a pollution incident at, on or mitigating beyond the site; and also provide coverage for incidents occurring during transportation of pollutants; and
(Required if the project involves an exposure to or risk of environmental impairment and/or pollution liability from a worksite; applicable if box is checked)
 - (vii) Umbrella Policy: If the general aggregate limit for Commercial General Liability coverage provided is less than \$2,000,000, pursuant to Section 13(B)(i) above, then a \$2,000,000 Umbrella Policy shall also be provided, which policy shall follow all required coverages as set forth above, other than Worker's Compensation and Professional Liability.
 - (viii) Cyber Liability Coverage: for losses arising out of the Contractors work or work product resulting from a network/data breach, malware infection, cyber extortion, ransomware, exposure of confidential, personally identifiable and financial information, intellectual property and other related breaches. This coverage will apply to but not limited to damages for notification cost, credit monitoring expenses, public relations expenses, computer system/software damage and related financial losses.
- C. Deductibles and Self-Insured Retentions: Any deductibles or self-insured retentions must be declared to and approved by the Village of Orland Park.
- D. All Coverages:
- (i) No Waiver. Under no circumstances shall the Village, or its officers, officials, employees, agents or volunteers be deemed to have waived any of the insurance requirements of this Contract by any act or omission, including, but not limited to:
 - (a) Allowing work by Contractor or any subcontractor to start before receipt of Certificates of Insurance and Additional Insured Endorsements.
 - (b) Failure to examine, or to demand correction of any deficiency, of any Certificate of Insurance and Additional Insured Endorsement received.
 - (ii) Each insurance policy required shall have the Village of Orland Park expressly endorsed onto the policy as a Cancellation Notice Recipient. Should any of the policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions.
 - (iii) When requested by the Village Manager, or his designee, Contractor shall promptly provide the respective original insurance policies for review and approval by the Village Manager, or his designee.
- E. Acceptability of Insurers: Insurance is to be placed with insurers with a Best's rating of no less than A-, VII and licensed to do business in the State of Illinois.
- F. Verification of Coverage: Contractor shall furnish the Village of Orland Park with certificates of insurance naming the "Village of Orland Park, its officers, officials, employees, agents and volunteers", as additional insureds, and with original endorsements affecting coverage required by this clause. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements are to be received and approved by the Village Manager, or his designee, before any work commences. The following additional insured endorsements may be utilized: ISO Additional Insured Endorsements CG 20 10 04 13 or CG 20 26 04 13. The Village reserves the right to request full certified copies of the insurance policies and endorsements.
- If this box is checked, a Completed Operations Endorsement (CG 20 37 04 13) is also required.

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- G. Subcontractors: Contractor shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all of the requirements stated herein.
- H. Assumption of Liability: Contractor assumes liability for all injury to or death of any person or persons including employees of the Contractor, any subcontractor, any supplier or any other person and assumes liability for all damage to property sustained by any person or persons occasioned by or in any way arising out of any work performed pursuant to this Contract.
- I. Insurance Certifications: In addition to providing Certificates of Insurance as required by the contract documents, the Contractor shall submit to the Village a signed certification with each Request for Payment, stating that all the insurance required of the Contractor remains in force. Failure to submit such a certification shall be grounds to withhold payment in full or in part.
- J. Insurance Requirements Cannot Be Waived by Village: Under no circumstances shall the Village be deemed to have waived any of the insurance requirements of the related Contract by any act or omission, including, but not limited to: (1) allowing the Work to commence by the Contractor or any subcontractor of any tier before receipt of Certificates of Insurance; (2) failing to review any Certificates of Insurance received; (3) failing to advise the Contractor or any subcontractor of any tier that any Certificate of Insurance fails to contain all the required insurance provisions, or is otherwise deficient in any manner; or (4) issuing any payment without receipt of a Sworn Statement from the Contractor and all subcontractors of any tier stating that all the required insurance is in force. The Contractor agrees that the obligation to provide the insurance required by this Agreement or any of the contract documents is solely its responsibility and that this is a requirement which cannot be waived by any conduct, action, inaction or omission by the Village. Contractor shall also protect the Village by specifically incorporating this Paragraph into every subcontract entered into relative to the Work contemplated herein and also requiring that every subcontractor incorporate this Paragraph into every sub-subcontract it enters into relative to the Work contemplated herein.
- K. Liability of Contractor and Subcontractor is Not Limited by Purchase of Insurance: Nothing contained in the insurance requirements of this Agreement or any Contract Documents is to be construed as limiting the liability of the Contractor or the liability of any subcontractor of any tier, or either of their respective insurance carriers. The Village does not, in any way, represent that the coverages or limits of insurance specified is sufficient or adequate to protect the Village, the Contractor, or any subcontractor's interest or liabilities, but are merely required minimums. The obligation of the Contractor and every subcontractor of any tier to purchase insurance shall not, in any way, limit their obligations to the Village in the event that the Village should suffer an injury or loss in excess of the amount recoverable through insurance, or any loss or portion of the loss which is not covered by either the insurance of the Contractor or any subcontractor's insurance.
- L. Notice of Bodily Injury or Property Damage: The Contractor shall notify the Village, in writing, of any actual or possible claim for personal injury or property damage relating to the Work, or of any occurrence which might give rise to such claim, promptly upon obtaining first knowledge of same.
- M. Updated Proof Required: The Contractor agrees that at any time upon the demand of the Village, updated proof of such insurance coverage will be submitted to the Village. There shall be no additional charge to the Village for said insurance.
- N. Safety/Loss Prevention Program Requirements: The Contractor shall provide written confirmation that a safety/loss prevention program was in place at least 90 days prior to submitting the bid proposal and is continuing. Evidence of completed employee safety training shall be provided to the Village and approved by the Village Manager, or his designee.
- O. Higher and More Expansive Standard Applicable: To the extent other insurance requirements of the contract documents contradict this Paragraph 13, the more expansive and higher standard, in terms of type and amount of coverage, shall govern.

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14. Indemnity:

- A. To the fullest extent permitted by law, the Contractor hereby agrees to defend, indemnify and hold harmless the Village, its elected and appointed officials, employees and agents against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, costs and expenses, which may in anywise accrue against the Village, its elected and appointed officials, employees, and agents arising in whole or in part or in consequence of the performance of the Work by the Contractor, its employees, or subcontractors, or which may in anywise result therefrom, except that arising out of the sole legal cause of the Village, its elected and appointed officials, employees or agents, the Contractor shall, at its own expense, appear, defend and pay all charges of attorneys and all costs and other expenses arising therefrom or incurred in connection therewith, and, if any judgment shall be rendered against the Village, its elected and appointed officials, employees or agents, in any such action, the Contractor shall, at its own expense, satisfy and discharge the same.
- B. Contractor expressly understands and agrees that any performance bond or insurance policies required by this Contract, or otherwise provided by the Contractor, shall in no way limit the responsibility to indemnify, keep and save harmless and defend the Village, its elected and appointed officials, employees or agents as herein provided.
- C. Contractor further agrees that to the extent that money is due the Contractor by virtue of this Contract as shall be considered necessary in the judgment of the Village, such funds may be retained by the Village to protect itself against said loss until such claims, suits, or judgments shall have been settled or discharged and/or evidence to that effect shall have been furnished to the satisfaction of the Village.
- D. In the event that the Village is not immune from liability under any applicable law, and only in such event, the Village hereby agrees to indemnify and hold harmless the Contractor, its officers, directors, employees and subcontractors (collectively, Contractor) against all damages, liabilities or costs, including reasonable attorney's fees and defense costs, to the extent caused by the Village's negligent acts in connection with the Project and the acts of the Village, and/or any of its officers, trustees and/or employees.
- E. Neither the Village nor the Contractor shall be obligated to indemnify the other party in any manner whatsoever for the other party's own negligence, or for the acts of their respective officers, trustees, employees and/or agents.
- F. The provisions of this Paragraph 14 shall survive any termination of the Contract.

15. Village Confidential Information:

- A. Contractor warrants that it shall not disclose, use, sell, rent, trade, or otherwise provide Village Confidential Information to any person, firm, or entity for any purpose outside of the specific purposes of the Contract Documents, except as necessary to comply with applicable State or Federal laws.
- B. The provisions of this Paragraph 15 shall survive any termination of the Contract.

16. Professional Standard: The Contractor hereby covenants and agrees that the Contractor will perform all Services described in this Agreement in accordance with the Professional Standard. In connection with the execution of this Agreement, the Contractor warrants and represents as follows:

- A. Feasibility of Performance. The Contractor (i) has carefully examined and analyzed the provisions and requirements of this Agreement, including all Exhibits hereto; (ii) understands the nature of the Services required; (iii) from its own analysis has satisfied itself, to the extent reasonably possible, as to the nature of all things needed for the performance of this Agreement and all other matters that in any way may affect this Agreement or its performance; (iv) represents that this Agreement is feasible of performance in accordance with all of its provisions and requirements; and (v) can and will perform, or cause to be performed, the Services in accordance with the provisions and requirements of this Agreement.

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- B. Ability to Perform: The Contractor hereby represents and warrants to the Village, with the intention that the Village rely thereon in entering into this Agreement, that: (a) the Contractor is financially solvent; (b) the Contractor, and each has the training, capability, experience, expertise, and licensing necessary to perform the Services in accordance with the requirements of this Agreement and the Professional Standard; (c) the Contractor possesses and will keep in force all required licenses, permits and accreditations to perform the Services; (d) the Contractor has full power to execute, deliver and perform this Agreement and has taken all necessary action to authorize such execution, delivery and performance; (e) the individual(s) executing this Agreement are duly authorized to sign the same on the Contractor's behalf and to bind the Contractor hereto; and (f) the Contractor will perform the Services described herein promptly, diligently and continuously with an adequate number of qualified personnel to ensure such performance.
 - C. Authorized to do Business in Illinois: The Contractor certifies that it is a legal entity authorized to do business in Illinois, 30 ILCS 500/1.15.8, 20-43.
 - D. Certification to Enter into Public Contracts: The Contractor certifies that it is not barred from contracting with any unit of state or local government as a result of a violation of either Section 33E-3 or 33E-4 of the Illinois Criminal Code or violating the prohibition set forth in Section 50-10.5(e) of the Illinois Procurement Code, 30 ILCS 500/50-10.5e or any similar offense of any State of the United States which contains the same elements as the Illinois offenses of bid-rigging or bid rotating.
 - E. Payment to the Illinois Department of Revenue: Contractor certifies that it is not delinquent in payment of any taxes to Illinois Department of Revenue.
 - F. Debarment. The Contractor certifies that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in the Agreement by any federal department or agency. The Contractor will not knowingly use the services of any related party barred or ineligible for contracts by any federal, state or local governmental agency or applicable Laws for any purpose in the performance of the Services.
 - G. Interest of members of the Village: Contractor certifies that no member of the governing body of the Village and no other officer, employee, or agent of the Village who exercises any functions or responsibilities in connection with the planning or carrying out of the Services, has any personal financial interest, direct or indirect, in this Agreement; and the Contractor shall take appropriate steps to assure compliance.
 - H. Interest of Professional Services Provider and Employees: Contractor certifies that it presently has no interest and shall not acquire interest, direct or indirect, in the various project areas or any parcels therein or any other interest which would conflict in any manner or degree with the performance of Contractor Services hereunder. The Contractor further covenants that in the performance of this Agreement, no person having such interest shall be employed.
17. No Conflicts of Interest: The Contractor warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Contractor, to solicit or secure this contract, and that it has not paid or agreed to pay any company or person, other than a bona fide employee working solely for the Contractor, any fee, commission, percentage, brokerage fee, gift(s), or any other consideration, contingent upon or resulting from the award or the making of this Contract.
18. Compliance with Laws: Contractor shall comply with all federal, state, and local laws, ordinances, rules and regulations, and any and all orders and decrees of any court, administrative body or tribunal applicable to the performance of the Contract. Contractor shall comply with all applicable laws, regulations, and rules promulgated by any Federal, State, County, Municipal and/or other governmental unit or regulatory body now in effect or which may be in effect during the performance of the Work. Included within the scope of the laws, regulations, and rules referred to in this paragraph, but in no way to operate as a limitation, are: Occupational

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Safety & Health Act (“OSHA”); Illinois Department of Labor (IDOL”), Department of Transportation, and all forms of traffic regulations; public utility, Intrastate and Interstate Commerce Commission regulations; Workers’ Compensation Laws, the Employment of Illinois Workers on Public Works Act, the Social Security Act of the Federal Government and any of its titles, the Illinois Human Rights Act, and EEOC statutory provisions and rules and regulations. Evidence of specific regulatory compliance will be provided by the Contractor if requested by the Village.

19. Equal Employment Opportunity: The Contractor shall be an “equal opportunity employer” as defined in the United States Code Annotated. The Contractor shall be required to comply with the President’s Executive Order No. 11246, as amended, and the requirements for Bidders and Contractors under this order are explained in 41 CFR 60-4. The Contractor shall fully comply with all applicable provisions of the Illinois Human Rights Act.
20. Certifications: By the execution of this Agreement, the Contractor certifies that: (1) the Contractor is not delinquent in the payment of any tax administered by the Illinois Department of Revenue as required by 65 ILCS 5/11-42.1-1; (2) the Contractor has a written sexual harassment policy as required by and shall otherwise comply in all respects with the Illinois Human Rights Act (775 ILCS 5/2-105(A)(4)); (3) the Contractor shall provide a drug-free workplace as required by and shall otherwise comply with the Illinois Drug-Free Workplace Act (30 ILCS 580/1, et seq.); (4) the Contractor has in place a written policy as required by and that it does and shall otherwise comply with the Illinois Substance Abuse Prevention on Public Works Projects Act (820 ILCS 265/1, et seq.); and (5) the Contractor is not and/or was not barred from bidding on this contract pursuant to Section 33E-3 or 33E-4 of the Illinois Criminal Code (720 ILCS 5/33E-3 and 5/33E-4).
21. Project Documentation: Upon execution of this Agreement relative to the Project, notwithstanding anything contained in any other Contract Documents to the contrary, the Contractor and its subcontractors agree to and shall release to the Village any and all right, title, and interest in and to any and all Project Documentation depicting, documenting, or recording the Services, and/or the Work, and/or the Project which is the subject of the Contract Documents, prepared or created by the Contractor t and/or its subcontractors, including but not limited to any and all drawings, plans, specifications, photos, reports, videos, and/or other recordings on any electronic media (sometimes collectively referred to as “Project Documentation”), and any and all of such Project Documentation shall become the property of the Village. The Contractor and its subcontractors further warrant to the Village that they have the legal right to convey said Project Documentation to the Village. The Work contemplated by the Contract Documents shall not be considered complete until and unless legible and complete physical and electronic copies of all such Project Documentation have been delivered to the Village. The Village may reuse Project Documentation without the prior written authorization of the Contractor, but the Village agrees to waive any claim against the Contractor arising from any unauthorized reuse or modification of the Project Documentation.
22. Independent Contractor: It is mutually understood and agreed that the Contractor shall have full control of the ways and means of performing the Professional Services referred to above and/or which is the subject of this Agreement and the related Contract and that the Contractor or his/its employees, representatives or Subcontractor’s are in no sense employees of the Village, it being specifically agreed that in respect to the Village, the Contractor and any party employed by the Contractor bears the relationship to the Village of an independent contractor.
23. Prevailing Wage Act Notice [Check box that applies]:
 - The Illinois Prevailing Wage Act (820 ILCS 130/01, et seq.) does not apply to this Contract.
 - The Illinois Prevailing Wage Act (820 ILCS 130/01, et seq.) does apply to this Contract.

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This Contract calls for the construction of a “public work”, within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/.01, et seq. (“the Act”). The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the current “prevailing rate of wages” (hourly cash wages plus amount for fringe benefits) in the county where the work is performed. The Illinois Department of Labor (“IDOL”) publishes the prevailing wage rates on its website at <http://labor.illinois.gov/>. The IDOL may revise the prevailing wage rates from time to time and the contractor/subcontractor has an obligation to check the IDOL’s website for revisions to prevailing wage rates and comply with the most current prevailing wage rates. For information regarding current prevailing wage rates, please refer to the IDOL website. All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act, including but not limited to, all wage requirements and notice and record keeping duties, including but not limited to each contractor and subcontractor who participates in public works to file with the Illinois Department of Labor (IDOL) certified payroll for those calendar months during which work on a public works project has occurred. The Act requires certified payroll to be filed with IDOL no later than the 15th day of each calendar month for the immediately preceding month through the Illinois Prevailing Wage Portal—an electronic database IDOL has established for collecting and retaining certified payroll. The Portal may be accessed using this link: <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/Prevailing-Wage-Portal.aspx>. The Village reserves the right to withhold payment due to Contractor until Contractor and its subcontractors display compliance with this provision of the Act. The Contractor shall also pay prevailing wages at rates not less than those prevailing under Davis-Bacon Wage Act Provisions as determined by the U.S. Department of Labor to all laborers, workmen and mechanics performing work under this Contract, if such Act is applicable, and, in such event, the more restrictive (i.e., higher) prevailing wage requirements shall be applicable.

24. Employment of Illinois Workers on Public Works Act: This contract is subject to the Illinois Preference Act (30 ILCS 570) since this fixed work construction or improvement is funded or financed in whole or in part with State funds or funds administered by the State of Illinois. Contractors on state public works projects are required to employ a workforce that is comprised of at least 90% Illinois residents during periods of excessive unemployment, which occurs when the level of unemployment in Illinois has exceeded 5% for at least 2 consecutive months. An “Illinois laborer” is defined as any person who has resided in Illinois for at least 30 days and intends to become or remain an Illinois resident. The Contractor shall require all subcontractors (if any) to conform with said laws, and any rules or regulations now and thereafter issued pursuant to said laws by Contractor, his subcontractors, and/or anyone working through or on behalf of Contractor or Contractor’s subcontractors.
25. Warranty and Guarantee: In addition to any manufacturer’s warranty(ies) on materials, parts and/or equipment to be supplied pursuant to the Contract Documents, the Contractor warrants and guarantees that for a period of two (2) years from the date of substantial completion of the Project that the completed Project shall be free from all defects and deficiencies due to faulty equipment, materials or workmanship, and/or because they do not comply with the Contract Documents, all as shall be determined solely by the Village, and the Contractor shall promptly correct, repair, and/or replace any and all such equipment, materials and/or Work which has been determined by the Village to be defective, deficient, and/or not in compliance with the Contract Documents including, but not limited to, the repairs of any resulting damage to other parts of the Project. In the event that the Contractor should fail to make such correction(s), repair(s), and/or replacement(s) (“remedial work”) that the Village has determined to be necessary to remedy such defects, deficiencies, and/or non-compliance with the Contract Documents, the Village may do so, and the Contractor shall be liable for all damages as provided by law, including but not limited to any costs incurred by the Village for any such remedial work. The Performance and Payment Bond, if one is applicable, shall remain in full force and effect through the warranty/guarantee period.

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26. Standard Specifications:

- A. If applicable, all Work performed by Contractor that is associated with the fulfillment of this Agreement and/or the related Purchaser Order/Contract shall conform to the terms of the latest edition of the Illinois Department of Transportation (“IDOT”) Standard Specifications for Road and Bridge Construction where this document is otherwise silent. The applicable Standard Specifications, as herein specified, shall apply to all work and materials performed under this Contract unless revised by the Specifications, also herein included as part of the Contract Documents.
- B. If applicable, through the course of the Project, the Contractor shall be responsible for the maintenance of traffic through and around the zone of work consistent with Section 648 of the IDOT Standard Specifications for Road and Bridge Construction. The cost for this activity shall be considered incidental to the cost of the improvement.
- C. If applicable, all traffic control measures employed during the term of this contract shall be in accordance with the applicable sections of the IDOT Standard Specifications, the Supplemental Specifications, and the “Illinois Manual Uniform Traffic Control Devices for Streets and Highways”.

27. Permitted Hours of Work: All construction activity shall be permitted only during the following work hours: a ten (10) hour period from 7:00 A.M. until 5:00 P.M. on weekdays; Saturday work is permitted after 8:00 A.M. until 5:00 P.M., provided that the Contractor has made prior arrangements with representatives of the Village; and work shall not occur on Sundays or Holidays, except s specifically authorized by the Village in writing,

28. Restoration of Work Site: The Contractor shall be obligated to remove all debris from the Work site at the Contractor’s expense. The Contractor shall, at its sole cost and expense, as part of the Work required by this Agreement and the related Contract, replace and restore any grass, vegetation or plantings disturbed or removed by the Contractor, to their condition before the performance of the Work, and such removal shall only occur after approval in advance in writing by the Village’s designee. Without limiting the generality of the foregoing, the Contractor shall be obligated to: (1) re-grade and re-seed the ground surface, (2) replace any damaged vegetation, other than trees and bushes removed pursuant to the authority of the Village’s designee, with new plantings of good health and quality with species consistent with the recommendation of the Village’s designee, and (3) repair any damage to any paved surfaces disturbed by the Work. While the Work is in progress and until all required restoration work is completed, the Contractor shall comply with customary and usual initial erosion practices consistent with good engineering procedures and the requirements of all applicable ordinances.

29. Right to Alter Plans and Scope Reserved: The Village reserves the right to alter the plans, extend or shorten the improvements, add to the Work as may be necessary, and increase or decrease the scope and/or quantity of the Work, including the deduction or cancellation of any one or more of the unit price items, or to cancel the Contract and the Work in its entirety for any reason.

30. Duration: This Contract shall be in effect from the date of this Contract until the completion of the Work, but the obligations of the Contractor under the Paragraphs 14 and 15 hereof shall continue after such termination.

31. Advertisement: The Contractor is specifically denied the right to use in any form or medium the name of the Village for public advertising unless express permission is granted by the Village.

32. Amendments: No agreement or understanding to modify the Contract or the related Contract Documents shall be binding upon the Village unless such amendment is in writing and signed by the Village’s authorized agent.

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All specifications, drawings, and data submitted to the Contractor with this Agreement or the related Contract Documents are hereby incorporated and made part thereof.

33. Termination: The following shall constitute events of default under this Agreement and the related Contract: a) any material misrepresentation made by the Contractor to the Village, b) any failure by the Contractor to perform any of its obligations under this Contract including, but not limited to, the following: (i) failure to commence performance of this Contract at the time specified in the Contract due to a reason or circumstance within the reasonable control of the Contractor, (ii) failure to perform this Contract with sufficient personnel and equipment or with sufficient material to ensure the completion of this Contract within the specified time due (i.e., by the Completion Date) to a reason or circumstance within the Contractor's reasonable control, (iii) failure to perform this Contract in a manner reasonably satisfactory to the Village, (iv) failure to promptly re-do or re-perform within reasonable time the services that were rejected by the Village as erroneous or unsatisfactory, (v) failure to comply with a material term of this Contract, (vi) failure of the Contractor to completely furnish the contracted goods or services to the Village within the time period specified by the Contract Documents; (vii) any breach or violation of Contractor or its employees, or agents, of its obligations under the Village Confidential Information provisions of Paragraph 23 of this Agreement; and (viii) any other acts specifically and expressly stated in this Contract as constituting a basis for termination for cause. At least ten (10) days prior to the date that the Contractor shall be declared in default of the Contract, the Village shall give written notice by certified mail to the Contractor. This notice shall state the reasons that the Contractor is being declared in default of the Contract. Failure by the Contractor to correct the stated deficiencies within the notice period shall result in the Contractor being declared in default of the Contract. Issuance of the notice by the Village shall be an indication of the intentions of the Village to take the work out of the hands of the Contractor and to hire others to complete the defaulted work. Upon default, the Contractor shall be liable for all damages sustained by the Village as provided by law as a result of such default, including but not limited to all costs incurred by the Village to fully complete all the work specified in the Contract Documents and all expense of every kind incurred by the Village in remedying any defect(s) and/or deficiency(ies), or failure by the Contractor to conform to the Contract Documents and any such costs incurred by the Village may also be paid by the Village out of such monies as otherwise may be due or otherwise may become due to said Contractor pursuant to the Contract Documents. Notwithstanding any other provision hereof, the Village may terminate the Agreement in the event of a default by the Contractor or without cause at any time upon 15 days prior written notice to the Contractor. In the event that the Agreement is so terminated and the Contractor is not in default or breach of this Agreement, the Contractor shall be paid for Services actually performed and reimbursable expenses actually incurred, if any, prior to termination, not exceeding the value of the Services completed which shall be determined on the basis of the rates set forth in the Contractor's Proposal.
34. Notices and Communications: Where notice is required by the Agreement it shall be considered received if it is delivered in person, sent by registered United States mail, return receipt requested, delivered by messenger or mail service with a signed receipt, sent by facsimile or e-mail with an acknowledgment of receipt, to the following:

To the Village:

Name: Patrick McLaughlin
Village of Orland Park
14700 South Ravinia Avenue
Orland Park, Illinois 60462
Telephone: 708-403-6357

To the Contractor:

Name: Ryan Hill
Airy's, Inc.
7455 W. Duvan Drive
Tinley Park, IL, 60477
Telephone: (708) 429-0660

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Email: pmclaughlin@orlandpark.org

e-mail: Ryan.Hill@Airys.com

or to such other person or persons or to such other address or addresses as may be provided by either party to the other party.

35. **Illinois Freedom of Information Act:** The Contractor agrees to maintain all records and documents for projects of the Village of Orland Park in compliance with the Freedom of Information Act (FOIA), 5ILCS 140/4 et seq. In addition, Contractor shall produce, without cost to the Village, records which are responsive to a request received by the Village under the FOIA so that the Village may provide records to those requesting them within the timeframes required. If additional time is necessary to compile records in response to a request, then Contractor shall so notify the Village and if possible, the Village shall request an extension so as to comply with the FOIA. In the event that the Village is found to have not complied with the FOIA, based upon Contractor's failure to produce documents or otherwise appropriately respond to a request under the FOIA, then Contractor shall indemnify and hold harmless, and pay all amounts determined to be due including but not limited to fines, costs, attorney fees and penalties
36. **Supersede:** The terms, conditions and specifications set forth in this Agreement shall supersede, govern, and prevail over any inconsistent terms, conditions, and/or specifications on any other Contract Documents.
37. **Severability:** In the event any section, subsection, paragraph, sentence, clause, phrase or provision of this instrument or part thereof shall be deemed unlawful, invalid, unenforceable or ineffective by any court of competent jurisdiction, such decision shall not affect the validity, enforceability or effectiveness of the remaining portions of this instrument.
38. **Facsimile or Digital Signatures:** Facsimile or digital signatures shall be sufficient for purposes of executing, negotiating, and finalizing this Contract, and this Contract shall be deemed delivered as if containing original signatures if such delivery is made by emailing a PDF of a scanned copy of the original, hand-signed document, and/or by use of a qualified, established electronic security procedure mutually agreed upon by the Parties.
39. **Counterparts:** This Agreement may be executed in one or more counterparts, which counterparts when affixed together, shall constitute one and the same original document.
40. **No Third Party Beneficiaries:** The parties do not intend to confer any benefit hereunder on any person, firm or corporation other than the parties hereto.
41. **Entire Agreement:** The Contract Documents (including all Exhibits attached thereto which by reference are made a part of the Agreement) and all other written agreements signed by all of the parties hereto which by their express terms are a part of the Contract Documents, are the final expression of, and contain the entire agreement between the parties with respect to the subject matter hereof and supersedes all prior understandings with respect thereto. The parties do not intend to confer any benefit hereunder on any person, firm or corporation other than the parties hereto.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized officer in quadruplicate counterparts, each of which shall be considered as an original

Airy's, Inc.

VILLAGE OF ORLAND PARK

1374096-02-15-16

E-SIGNED by Ryan Hill
By: on 2025-03-21 21:14:06 GMT

E-SIGNED by Jim Culotta
By: on 2025-03-24 13:40:49 GMT

Name: Ryan Hill

Name: Jim Culotta

Its President

& Authorized Agent

Title: Interim Village Manager

EXHIBIT A

[ATTACH]

Scope of Work as set forth in Contractor's Proposal dated February 7, 2025, and revised Unit Price Sheet dated February 14, 2025
or Village RFP, ITB, and/or Purchase Order No. RFP 25-012 dated February 7, 2025

EXHIBIT B

[ATTACH IF REQUIRED]

Schedule of Fees

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Exhibit A

ORLAND PARK
Unit Price Sheet
RFP 25-012

Revised

Catalina Subdivision 2025 Watermain Improvements Project

Proposer agrees to furnish to the VILLAGE all necessary materials, equipment, labor, etc. to complete the Catalina Subdivision 2025 Watermain Improvements Project in accordance with provisions, instructions, and specifications of the VILLAGE for the prices as follows:

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	Cost
20101100	TREE TRUNK PROTECTION	EACH	200	\$ 1.00	\$ 200.00
20101200	TREE ROOT PRUNING	EACH	200	\$ 1.00	\$ 200.00
*20200100	EARTH EXCAVATION	CU YD	15,708	\$ 33.00	\$ 518,364.00
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	15,491	\$ 6.00	\$ 92,946.00
25000100	SEEDING, CLASS 1	ACRE	3	\$ 2,200.00	\$ 7,040.00
25100630	EROSION CONTROL BLANKET	SQ YD	15,491	\$ 3.00	\$ 46,473.00
25200100	SODDING	SQ YD	1,332	\$ 30.00	\$ 39,960.00
25200200	SUPPLEMENTAL WATERING	UNIT	404	\$ 95.00	\$ 38,380.00
28000400	PERIMETER EROSION BARRIER	FOOT	2,278	\$ 3.00	\$ 6,834.00
31101600	SUBBASE GRANULAR MATERIAL, TYPE B 8"	SQ YD	350	\$ 29.00	\$ 10,150.00
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100	\$ 1.00	\$ 100.00
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	390	\$ 88.00	\$ 34,320.00
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,209	\$ 13.00	\$ 15,717.00
42400800	DETECTABLE WARNINGS	SQ FT	134	\$ 32.00	\$ 4,288.00
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	514	\$ 7.00	\$ 3,598.00
44000600	SIDEWALK REMOVAL	SQ FT	1,209	\$ 2.00	\$ 2,418.00
44201676	CLASS D PATCHES, TYPE IV, 2 INCH	SQ YD	14,772	\$ 23.00	\$ 339,756.00
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	11	\$ 887.00	\$ 9,757.00
55100200	STORM SEWER REMOVAL 6"	FOOT	1,823	\$ 5.00	\$ 9,115.00
55100400	STORM SEWER REMOVAL 10"	FOOT	40	\$ 5.00	\$ 200.00
55100500	STORM SEWER REMOVAL 12"	FOOT	736	\$ 6.00	\$ 4,416.00
55100700	STORM SEWER REMOVAL 15"	FOOT	135	\$ 8.00	\$ 1,080.00
55100900	STORM SEWER REMOVAL 18"	FOOT	231	\$ 9.00	\$ 2,079.00
55101100	STORM SEWER REMOVAL 21"	FOOT	153	\$ 10.00	\$ 1,530.00
55101200	STORM SEWER REMOVAL 24"	FOOT	451	\$ 12.00	\$ 5,412.00
55101300	STORM SEWER REMOVAL 27"	FOOT	73	\$ 14.00	\$ 1,022.00
55101400	STORM SEWER REMOVAL 30"	FOOT	667	\$ 16.00	\$ 10,672.00
55106005	STORM SEWER INSTALLATION 4"	FOOT	126	\$ 49.00	\$ 6,174.00
55106025	STORM SEWER INSTALLATION 12"	FOOT	118	\$ 81.00	\$ 9,558.00
55106080	STORM SEWER INSTALLATION 36"	FOOT	287	\$ 295.00	\$ 84,665.00
56100015	DUCTILE IRON WATER MAIN TEE, 8" X 6"	EACH	35	\$ 1,070.00	\$ 37,450.00
56100020	DUCTILE IRON WATER MAIN TEE, 8" X 8"	EACH	7	\$ 1,185.00	\$ 8,295.00
56100050	DUCTILE IRON WATER MAIN TEE, 12" X 6"	EACH	9	\$ 1,612.00	\$ 14,508.00
56100055	DUCTILE IRON WATER MAIN TEE, 12" X 8"	EACH	7	\$ 1,702.00	\$ 11,914.00
*56103000	DUCTILE IRON WATER MAIN 6"	FOOT	460	\$ 72.00	\$ 33,120.00
*56103100	DUCTILE IRON WATER MAIN 8"	FOOT	17,268	\$ 86.00	\$ 1,485,048.00
*56103300	DUCTILE IRON WATER MAIN 12"	FOOT	3,767	\$ 127.00	\$ 478,409.00
*56105000	WATER VALVES 8"	EACH	18	\$ 1,996.00	\$ 35,928.00
*56105200	WATER VALVES 12"	EACH	4	\$ 3,544.00	\$ 14,176.00
56109400	DUCTILE IRON WATER MAIN FITTINGS 8" 11.25 DEGREE BEND	EACH	8	\$ 773.00	\$ 6,184.00
56109401	DUCTILE IRON WATER MAIN FITTINGS 8" 22.5 DEGREE BEND	EACH	2	\$ 791.00	\$ 1,582.00
56109420	DUCTILE IRON WATER MAIN FITTINGS 8" 45 DEGREE BEND	EACH	85	\$ 795.00	\$ 67,575.00
56109424	DUCTILE IRON WATER MAIN FITTINGS 12" 45 DEGREE BEND	EACH	10	\$ 1,366.00	\$ 13,660.00
*56400500	FIRE HYDRANTS TO BE REMOVED	EACH	37	\$ 950.00	\$ 35,150.00
*56400810	FIRE HYDRANT EXTENSION	FOOT	2	\$ 823.00	\$ 1,646.00
*56400825	FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE	EACH	44	\$ 8,831.00	\$ 388,564.00
60200105	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	\$ 4,417.00	\$ 8,834.00

60203805	CATCH BASINS, TYPE A, 5' DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	\$ 6,264.00	\$ 6,264.00
60221100	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	\$ 5,632.00	\$ 5,632.00
60223700	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	6	\$ 8,579.00	\$ 51,474.00
60223800	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9	\$ 8,579.00	\$ 77,211.00
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	\$ 2,819.00	\$ 2,819.00
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	22	\$ 4,164.00	\$ 91,608.00
67100100	MOBILIZATION	L SUM	1	\$ 282,958.00	\$ 282,958.00
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	\$ 37,255.00	\$ 37,255.00
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	\$ 37,255.00	\$ 37,255.00
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	\$ 37,255.00	\$ 37,255.00
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	175	\$ 5.00	\$ 875.00
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	400	\$ 16.00	\$ 6,400.00
*X0324878	ADJUSTING SANITARY SEWER SERVICE LINE	EACH	392	\$ 1.00	\$ 392.00
*X0325379	DIRECTIONAL BORING	FOOT	210	\$ 119.00	\$ 24,990.00
*X0326806	WASHOUT BASIN	L SUM	1	\$ 485.00	\$ 485.00
*X1200043	PRECAST CONCRETE JUNCTION CHAMBER	EACH	4	\$ 62,306.00	\$ 249,224.00
*X1200246	WATERMAIN CASING PIPE	FOOT	30	\$ 151.00	\$ 4,530.00
*X2010410	TREE TRIMMING	EACH	200	\$ 1.00	\$ 200.00
*X2080250	TRENCH BACKFILL (SPECIAL)	CU YD	21,732	\$ 60.00	\$ 1,303,920.00
*X2130010	EXPLORATION TRENCH (SPECIAL)	FOOT	150	\$ 300.00	\$ 45,000.00
*X4060280	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	124	\$ 52.00	\$ 6,448.00
*X5510308	SANITARY SEWER REMOVAL 8"	FOOT	532	\$ 5.00	\$ 2,660.00
*X5510310	SANITARY SEWER REMOVAL 10"	FOOT	21	\$ 5.00	\$ 105.00
*X5630706	CONNECTION TO EXISTING WATER MAIN 6"	EACH	3	\$ 4,903.00	\$ 14,709.00
*X5630708	CONNECTION TO EXISTING WATER MAIN 8"	EACH	3	\$ 4,903.00	\$ 14,709.00
*X5630712	CONNECTION TO EXISTING WATER MAIN 12"	EACH	5	\$ 8,092.00	\$ 40,460.00
*X6026622	VALVE VAULTS TO BE REMOVED	EACH	10	\$ 634.00	\$ 6,340.00
*XX000679	CUT AND CAP EXISTING WATER MAIN	EACH	6	\$ 3,597.00	\$ 21,582.00
*XX004774	BRICK DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	27	\$ 325.00	\$ 8,775.00
*XX007037	SAFETY FENCE	FOOT	2,100	\$ 1.00	\$ 2,100.00
*XX009049	REMOVE AND REPLACE CURB AND GUTTER (SPECIAL)	FOOT	6,730	\$ 30.00	\$ 201,900.00
*Z0013797	STABILIZED CONSTRUCTION ENTRANCE	EACH	1	\$ 7,684.00	\$ 7,684.00
*Z0013798	CONSTRUCTION LAYOUT	L SUM	1	\$ 36,605.00	\$ 36,605.00
*Z0056603	STORM SEWER (WATER MAIN REQUIREMENTS) 6 INCH	FOOT	1,823	\$ 51.00	\$ 92,973.00
*Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 10 INCH	FOOT	40	\$ 73.00	\$ 2,920.00
*Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	842	\$ 77.00	\$ 64,834.00
*Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	135	\$ 92.00	\$ 12,420.00
*Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	193	\$ 109.00	\$ 21,037.00
*Z0056614	STORM SEWER (WATER MAIN REQUIREMENTS) 21 INCH	FOOT	153	\$ 143.00	\$ 21,879.00
*Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	493	\$ 147.00	\$ 72,471.00
*Z0056618	STORM SEWER (WATER MAIN REQUIREMENTS) 27 INCH	FOOT	41	\$ 253.00	\$ 10,373.00
*Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	1,653	\$ 295.00	\$ 487,635.00
*Z0056900	SANITARY SEWER 8" (WATER MAIN QUALITY)	FOOT	516	\$ 60.00	\$ 30,960.00
*N/A	12" FLARED END SECTION WITH GRATE	EACH	1	\$ 1,960.00	\$ 1,960.00
*N/A	36" FLARED END SECTION WITH GRATE	EACH	3	\$ 4,823.00	\$ 14,469.00
*N/A	AS-BUILT DRAWINGS	L SUM	1	\$ 14,466.00	\$ 14,466.00

*N/A	ASPHALT PATH REMOVAL & REPLACEMENT	SQ YD	7	\$	131.00	\$	917.00
*N/A	CASING PIPE	FOOT	30	\$	212.00	\$	6,360.00
*N/A	GABION MATTRESS	CU YD	73	\$	203.00	\$	14,819.00
*N/A	ITEMS ORDERED BY ENGINEER	DOLLAR	100,000	\$	1.00	\$	100,000.00
*N/A	PLUG AND BLOCK EXISTING SEWER	EACH	2	\$	5,427.00	\$	10,854.00
*N/A	PRECAST CONCRETE BOX CULVERT END SECTION - 3'X6' WITH GRATE	EACH	1	\$	11,394.00	\$	11,394.00
*N/A	REMOVE EXISTING BASEBALL FIELDS	L SUM	1	\$	6,812.00	\$	6,812.00
*N/A	SANITARY SEWER 8" (DUCTILE IRON)	FOOT	16	\$	97.00	\$	1,552.00
*N/A	SANITARY SEWER 10" (WATER MAIN QUALITY)	FOOT	21	\$	84.00	\$	1,764.00
*N/A	STORM SEWER, 3'x6' BOX CULVERT	FOOT	1,035	\$	637.00	\$	659,295.00
*N/A	WATER SERVICE REPLACEMENT WITH NEW BUFFALO BOX, SHORT SIDE, 1"	EACH	133	\$	2,278.00	\$	302,974.00
*N/A	WATER SERVICE REPLACEMENT WITH NEW BUFFALO BOX, LONG SIDE, 1"	EACH	259	\$	3,976.00	\$	1,029,784.00
*N/A	WATER SERVICE REPLACEMENT WITH NEW BUFFALO BOX, SHORT SIDE, 1 1/2"	EACH	1	\$	2,849.00	\$	2,849.00
*N/A	WATER SERVICE REPLACEMENT WITH NEW BUFFALO BOX, LONG SIDE, 1 1/2"	EACH	1	\$	5,393.00	\$	5,393.00
*N/A	WATER SERVICE REPLACEMENT WITH NEW BUFFALO BOX, LONG SIDE, 2"	EACH	11	\$	7,236.00	\$	79,596.00
						**GRAND TOTAL BID PRICE	\$ 9,661,051.00

NOTES:

*Special Provision exists, see Exhibit B

**Please enter Total Cost on Bidder Summary Sheet

Proposer: Stuart L Jelm

Firm Name: Airy's, Inc.

Signed: 

Title: Chief Estimator / Secretary

Dated: 2/14/2025

PROPOSER SUMMARY SHEET
RFP #25-012
Catalina Subdivision 2025 Watermain Project

Business Name: Airy's, Inc.
Street Address: 21825 Cherry Hill Road
City, State, Zip: Joliet, IL 60433
Contact Name: Stuart Jelm
Title: Secretary
Phone: 708-429-0660 Fax: 815-384-1068
E-Mail address: estimating@airys.com

Price Proposal

GRAND TOTAL PROPOSAL PRICE \$ 10,550,458⁻

AUTHORIZATION & SIGNATURE

Name of Authorized Signee: Ryan Hill
Signature of Authorized Signee: 
Title: President Date: 2/7/2025



★ **VETERAN OWNED** ★
21825 Cherry Hill Road • Joliet, IL 60433
(708) 429-0660 • www.airys.com • Fax: (708) 429-0795

Village of Orland Park—Catalina Subdivision 2025 Watermain Project

RE: Technical Proposal

Airy's, Inc. is a family-run Service Disabled Veteran-Owned Business located in Joliet, IL. Airy's was established in 1965 by its namesake and WWII Army Air Corps Veteran, Arie B. Hill as a residential plumbing contractor. Ryan Hill, Arie's grandson and Air Force Veteran pilot, is its current majority owner and operator. Airy's takes pride in completing work in a timely, cost-effective way while incorporating the Air Force core values of "integrity first, service before self, and excellence in all we do" into each and every project. With a focus on safety and experience spanning over 57 years, Airy's, Inc. is a full-service contractor with expertise in all aspects of underground construction. Airy's started as a mom and pop plumbing company and has now evolved into water and sewer main installation and repair, lift station construction, pump stations, directional drilling, sewer jetting, hydro-excavation, and much, much more. Airy's is the "go-to" when a sewer or water issue arises and a municipal public works department or private water company needs reinforcements. We take pride in supporting local communities with 24/7 on call support for their toughest problems to guarantee safe drinking water and wastewater disposal for all.

- Prequalified by the Illinois Department of Transportation for \$29,881,000 total work on hand through 4/30/2024
- Certified by the US Army Corps of Engineers in Construction Quality Management for Contractors (CQM-C)
- DUNS: 051072700 | CAGE: 6C2K3
- Illinois Central Management Services Service-Disabled Veteran Owned Small Business (SDVOSB) Certified

Please see attached for work experience with corresponding references and project team resumes.

Thank you


Stuart Jelm, PE

Chief Estimator / Project Manager

Office-708.429.0660

stuart.jelm@airys.com



STUART JELM

stuart.jelm@airys.com | (815) 955-5634 | Joliet, IL 60433

Skills

- Purchasing and invoicing
- Vendor and subcontractor management
- Budgeting and cost control
- Project development and management

Experience

Airy's, Inc. | Joliet, Illinois
Project Manager/Estimator
01/2019 - Current

- Manage entire projects from initial concept through completion, including water main, sanitary and storm sewer installation.
- Utilize project schematics, drawings and specifications to complete detailed and highly accurate take-offs.
- Establish project budgets and track expenditure on jobs worth up to 5 million dollars.
- Communicate regularly with subcontractors and vendors, and oversee operations of subcontractors and vendors to optimize cost savings and complete all projects in a safe and timely manner.

Instituform Technologies USA, LLC. | IL
Field Engineer/Project Manager
01/2017 - 01/2019

- Managed entire projects from initial concept through completion, including water main, sanitary and storm sewer installation.
- Established project budgets and track expenditure on jobs worth up to 20 million dollars.
- Communicated regularly with subcontractors and vendors, and oversaw subcontractors and vendors to optimize safety and complete all projects in a safe and timely manner.

Primus Electronics Corporation
Sales Representative
01/2014 - 01/2017

- Developed and managed tower modification branch of the company.
- Analyzed sales reports and industry trends to project future purchasing needs.

W-T Civil Engineering, LLC.
Project Engineer/Project Designer
01/2011 - 01/2014

- Civil and structural engineering experience including: production of site grading and utility plan sheets within governing codes and guidelines; provision of preliminary cost estimates for various projects, and generation of eminent domain reports and plan sets.

Education and Training

Valparaiso University | Valparaiso, IN
Bachelor of Science in Civil Engineering

Certifications

- Professional Engineer, Illinois License No. 062.070884
- NASSCO PACP Certified U-1117-07007960
- CPR Certified
- OSHA 10 Certified

THOMAS LAND

21825 Cherry Hill Rd, Joliet, IL 60433 · Office: 708-429-0660
Thomas.land@airys.com

EXPERIENCE

1999 – PRESENT

VICE PRESIDENT, AIRY'S INC.

In charge of supervising and organizing all field employees on many different job sites. Review prospective jobs before they are to be considered one worth estimating and reviews them after they are estimated. Communicate and problem solve with field employees, office employees, and subcontractors. Review invoicing and billing to ensure all money amounts are correct.

1992 – 1999

SUPERINTENDENT, AIRY'S INC.

Supervise and organize the crews in the field. Oversee job sites to make sure all work is done safely and properly. Solve any problems that affect safety or productivity.

1989-1992

FOREMAN, AIRY'S INC.

Making sure that my crew completed jobs properly and safely. Bringing the right tools and equipment to the jobs.

1987-1989

LABORER, AIRY'S INC.

Ensure proper and safe installation of underground utilities.

1987-1989

OLD STYLE BUILDING MAINTENANCE, SELF-EMPLOYED

EDUCATION

CLASS OF '79

HIGH SCHOOL DIPLOMA, CARL SANDBURG HIGH SCHOOL

OSHA 10 HR, OSHA 30 HR, OSHA COMPETENT PERSON, OSHA CONFINED SPACE ENTRY

Ryan Elic Hill

21464 S. Redwood Lane, Shorewood, Illinois 60404-7543 | 708-259-0009 | ryan@hillfam5.com | <https://www.linkedin.com/in/ryanehill/>

Flight Experience

- First Officer | GoJet Airlines, Inc. | *Chicago-O'Hare International Airport* June 2012 – July 2014
Safely operate the CRJ-700 Regional Jet within the United Airlines system
- First Officer | Chicago Express Airlines, Inc. | *Chicago-Midway Airport* February 2002 – April 2003
Safely operate the Saab 340B Turboprop Airliner on behalf of ATA Airlines, Inc.
- Contract Pilot | Executive Flight Management | *Chicago-Midway Airport* January 2001 – January 2002
Safely operate the IAI Westwind 1 business jet in the FAR part 91/135 environments
- Intern – Training Department | Atlas Air | *NATCO Training Center - MSP* March 2000 – April 2000
Successful completion of ground school on the operation of the 747-400 Electronic Flight Management System, Autopilot, LNAV, VNAV, Flight Planning, Systems Operations, Crew Coordination, and Emergency Procedures.
Training included observation and participation in the -200 and -400 level D simulators

Work Experience / Military Service

- Owner | Patriot Capital Ventures, LLC | *Shorewood, Illinois* February 2018 – Present
Direct responsibility and ownership of all estimating, receivables, payables, financial record keeping, procurement, contract administration, and human resource functions
- President | Airy's, Inc. | *Tinley Park, Illinois* June 1997 - Present
Direct responsibility and ownership of all estimating, receivables, payables, financial record keeping, procurement, contract administration, and human resource functions
Responsible for all OSHA compliance, job-site safety evaluations and training
Participated in union labor negotiations between the Mid America Bargaining Assoc. (MARBA) and the Laborers' District Council of Greater Chicago (LDCGC)
- MQ9 Pilot | Michigan Air National Guard | 110th Attack Wing | *Battle Creek, Michigan* August 2016- Present
Clearance Level – TOP SECRET (TS)/Sensitive Compartmented Information (SCI) (valid through 2024)
- Logistics Officer | Illinois Air National Guard | 183d Fighter Wing | *Springfield, Illinois* April 2010 – August 2016

Consulting and Advisory Relationships

- Adjunct Professor | Lewis University | Aviation Department | *Romeoville, Illinois* February 2014 - Present
Instruct undergraduate aviation students on the fundamentals of electrical, hydraulic, and pneumatic systems operation as they relate to the Bombardier CRJ family of aircraft and sUAS operations
- Trustee | Chicago Laborer's Health and Welfare Fund | *Westchester, Illinois* June 2011 – December 2011
- Director | Underground Contractors Association of Illinois | *Itasca, Illinois* March 2004 – June 2008
- Chairman | Underground Contractors Association of Illinois | *Itasca, Illinois* March 2005 – March 2007

Education

Air Force Institute of Technology | Wright-Patterson AFB, Ohio
Master Certificate, Nuclear Weapons Effects, Policy, and Proliferation January 2019 - Present

Lewis University | Romeoville, Illinois
Master of Science (M.S.), Aviation and Transportation June 2011-December 2015
GPA 3.97/4.00

Lewis University | Romeoville, Illinois
Bachelor of Science (B.S.), Aviation Flight Management - Aircraft Systems Specialization August 1997 - August 2000
Activities and Societies: Men's Golf Team, Phi Kappa Theta Fraternity

Community College of the Air Force | Maxwell AFB, Alabama
Associate of Science (A.S.), Information Systems Technology June 2014

Certifications and Flight Time

FAA

Airline Transport Pilot Certificate - Multi Engine
Commercial Pilot - Single Engine Land & Sea
Private Pilot Rotorcraft
Small Unmanned Aircraft Pilot Certificate
First Class Medical Certificate

USAF

Remotely Piloted Aircraft Initial Qualification Course
Remotely Piloted Aircraft Fundamentals Course
MQ-9 Reaper Initial Qualification Course
MQ-9 Reaper Mission Qualification Course

Manned Flight Time

Total Flight Time	3237	Total Turbine	1864
Total Multi Engine	2210	Turbine PIC	149
Total Pilot In Command	1310	Turbine SIC	1715

Unmanned Flight Time

MQ-9 Flight Time	426
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THE AMERICAN INSTITUTE OF ARCHITECTS

AIA Document A310 Bid Bond

KNOW ALL MEN BY THESE PRESENTS, THAT WE Airy's, Inc.

21825 Cherry Hill Road Joliet, IL 60433

as Principal, hereinafter called the Principal, and Swiss Re Corporate Solutions Premier Insurance Corporation

1200 Main Street, Suite 800, Kansas City, MO 64105

a corporation duly organized under the laws of the State of MO

as Surety, hereinafter called the Surety, are held and firmly bound unto Village of Orland Park

14700 S Ravinia Ave Orland Park, IL 60462

as Obligee, hereinafter called the Obligee, in the sum of Ten Percent of Amount Bid

Dollars (\$ 10%),

for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for RFP #25-012 - Catalina Subdivision 2025 Watermain Project

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and materials furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 7th day of February, 2025


(Witness)

Airy's, Inc.

By:  (Principal)  (Seal) President (Title)


(Witness)

Swiss Re Corporate Solutions Premier Insurance Corporation
(Surety) (Seal)

By:  (Title)
Attorney-in-Fact Susan Murray (Title)

Surety Phone No. 847-273-1300

G-23208-B

ss.

STATE OF Illinois

COUNTY OF Cook

I, Laura Priester Notary Public of Cook County,
 in the State of Illinois, do hereby certify that Susan Murray
 Attorney-in-Fact, of the Swiss Re Corporate Solutions Premier Insurance Corporation
 who is personally known to me to be the same person whose name is
 subscribed to the foregoing instrument, appeared before me this day in person, and
 acknowledged that he signed, sealed and delivered said instrument, for and on behalf of the
Swiss Re Corporate Solutions Premier Insurance Corporation
 for the uses and purposes therein set forth.

Given under my hand and notarial seal at my office in the City of Palatine
 in said County, this 7th day of February A.D., 2025



Notary Public Laura Priester

My Commission expires: May 13, 2025



SWISS RE CORPORATE SOLUTIONS

SWISS RE CORPORATE SOLUTIONS AMERICA INSURANCE CORPORATION ("SRCSAIC")
SWISS RE CORPORATE SOLUTIONS PREMIER INSURANCE CORPORATION ("SRCSPIC")

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, THAT SRCSAIC, a corporation duly organized and existing under laws of the State of Missouri, and having its principal office in the City of Kansas City, Missouri, and SRCSPIC, a corporation organized and existing under the laws of the State of Missouri and having its principal office in the City of Kansas City, Missouri, each does hereby make, constitute, and appoint: Susan Murray

Principal: Airy's, Inc.
Obligee: Village of Orland Park
Bond Description: RFP #25-012 - Catalina Subdivision 2025 Watermain Project
Bond Number: Bid Bond
Bond Amount: See Bond Form

Its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its act and deed, bonds or other writings obligatory in the nature of a bond on behalf of each of said Companies, as surety, on contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract or suretyship executed under this authority shall exceed the amount of:

FIFTY MILLION (\$50,000,000.00) DOLLARS

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of both SRCSAIC and SRCSPIC at meetings duly called and held on the 9th of May 2012:

"RESOLVED, that any two of the President, any Managing Director, any Senior Vice President, any Vice President, the Secretary or any Assistant Secretary be, and each or any of them hereby is, authorized to execute a Power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Corporation bonds, undertakings and all contracts of surety, and that each or any of them hereby is authorized to attest to the execution of any such Power of Attorney and to attach therein the seal of the Corporation; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Corporation may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be binding upon the Corporation when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached."



By Erik Janssens, Senior Vice President of SRCSAIC & Senior Vice President of SRCSPIC

By Gerald Jagrowski, Vice President of SRCSAIC & Vice President of SRCSPIC

IN WITNESS WHEREOF, SRCSAIC and SRCSPIC have caused their official seals to be hereunto affixed, and these presents to be signed by their authorized officers this 10TH day of NOVEMBER, 20 22

Swiss Re Corporate Solutions America Insurance Corporation
Swiss Re Corporate Solutions Premier Insurance Corporation

State of Illinois
County of Cook

On this 10TH day of NOVEMBER, 20 22, before me, a Notary Public personally appeared Erik Janssens, Senior Vice President of SRCSAIC and Senior Vice President of SRCSPIC and Gerald Jagrowski, Vice President of SRCSAIC and Vice President of SRCSPIC, personally known to me, who being by me duly sworn, acknowledged that they signed the above Power of Attorney as officers of and acknowledged said instrument to be the voluntary act and deed of their respective companies.



Christina Manisco
Christina Manisco, Notary

I, Jeffrey Goldberg, the duly elected Senior Vice President and Assistant Secretary of SRCSAIC and SRCSPIC, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney given by said SRCSAIC and SRCSPIC, which is still in full force and effect.
IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 7th day of February, 20 25.

Jeffrey Goldberg, Senior Vice President & Assistant Secretary of SRCSAIC and SRCSPIC



Cook County Government
VBE/SDVBE Certification
Reciprocal Affidavit

Firm Name AIRY'S, INC. Contract # 20-B6125-00-PV
Address 21825 CHERRY HILL ROAD City JOLIET
County WILL State ILLINOIS Zip 60433-8446
Phone 708/429-0660 Email RYAN.HILL@AIRYS.COM

I RYAN E HILL, PRESIDENT
(Print Name) (Print Title)

of AIRY'S, INC. do hereby affirm:
(Name of Firm)

1. AIRY'S, INC. is a Veteran Owned Small Business (VOSB) or a
(Name of Firm)
Service-Disabled Veteran Owned Small Business (SDVOSB) currently certified by the State of
Illinois.

2. The average annual gross receipts of AIRY'S, INC.,
(Name of Firm)
as derived from tax filings over the five most recent years, does not exceed the Small Business Size
Standards published by the U.S. Small Business Administration found in Title 13, Code of Federal
Regulations, Part 121 for the NAICS codes for which AIRY'S, INC.
(Name of Firm)
was certified as a Veteran Owned Small Business (VOSB) or a Service-Disabled Veteran Owned
Small Business (SDVOSB)

Upon penalty of perjury, I RYAN E HILL affirm that, to the best of my
(Print Name)

knowledge and belief, the information herein is true and accurate.

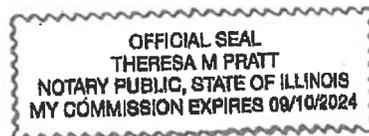
Signature [Signature] Title PRESIDENT Date 11/3/2023

Subscribed and sworn to before me this 3RD day of NOVEMBER / 2023
(Month) (Year)

[Signature]
(Notary's Signature)

Notary's Seal

My Commission Expires 9/10/2024





State of Illinois Commission on Equity and Inclusion
Business Enterprise Program
100 W. Randolph St., Suite 4-100, Chicago, IL 60601
www.cel.illinois.gov

May 3, 2023

Ryan Hill
Alry's, Inc. DBA Alry's Infrastructure
21825 Cherry Hill Rd
Joliet, IL 60433-8446

Dear Business Owner:

Re: NCA Certification Approval Service Disabled Veteran Owned Small Business (SDVOSB)
Certification Term Expires: May 5, 2024

Congratulations! After reviewing the No-Change Affidavit (NCA) information you supplied, we are pleased to inform you that your firm has been granted continued certification under the Veteran Business Program (VBP).

This certification is in effect with the State of Illinois until the date specified above.

Your firm's name will appear in the State's Directory as a certified vendor with the VBP in the specialty area(s) of:

NIGP 90975: SITE CLEAN-UP, POST-CONSTRUCTION
NIGP 91339: CONSTRUCTION, PIPE CULVERT
NIGP 91340: CONSTRUCTION, PIPELINE
NIGP 91345: CONSTRUCTION, SEWER AND STORM DRAIN
NIGP 91381: MAINTENANCE AND REPAIR, SEWER AND STORM DRAIN, INCLUDING REMOVAL
NIGP 91384: MAINTENANCE AND REPAIR, STREETS, MAJOR AND RESIDENTIAL

Your firm will only show up in the database of BEP certified vendors under the NIGP codes listed above, so PLEASE REVIEW THE LIST CAREFULLY TO ENSURE THAT ALL RELEVANT NIGP CODES ARE INCLUDED.

Also, please be advised that this certification does not guarantee that you will receive a State contract. Please visit the Vendor Registration page on www.opportunities.illinois.gov and be sure to register with each of the Procurement Bulletins listed so that you are notified of upcoming solicitations in your NIGP codes. Certification with the Business Enterprise Program does not ensure you receive notifications; you must also register with the Procurement Bulletins.

Thank you for your participation in the VBP. We welcome your participation and wish you continued success.

Sincerely,

Carlos Gutiérrez
Certification Manager
Veteran Business Program



U.S. Small Business
Administration

202-205-8800 | sba.gov
409 3rd St, SW, Washington DC 20416

Nov, 22, 2023

AIRYS INC
SAM UEI: E5KTKPCLG3P9
21825 S CHERRY HILL RD
JOLIET, IL 60433

Dear AIRYS INC:

I am writing to inform you that AIRYS INC has been certified by the Veteran Small Business Certification Program (VetCert) at SBA. Your certification confirms your eligibility to compete for set-aside contracting opportunities, as well as other benefits, as a Service-Disabled Veteran-Owned Small Business (SDVOSB).

What you need to know:

- AIRYS INC is certified as a Service-Disabled Veteran-Owned Small Business (SDVOSB) and publicly listed at veterans.certify.sba.gov.
- Your certification is valid for three (3) years from the date of this letter.
- You may visit [SBA's website](https://sba.gov) to download SBA-approved digital icons that indicate your certification status.
- SBA may conduct a program examination at your office or work site during your certification period to verify the accuracy of your certification.
- You may apply for recertification 120 days prior to your expiration date by logging in to your Veteran Small Business Certification profile.

What to do if your business changes:

You must inform SBA of any changes to the business that could affect its eligibility for the program, such as:

- a closure
- a change to the firm's ownership, business structure, or control
- filing of a bankruptcy
- a change in a Veteran-owner's active duty status

You can inform SBA of changes through the VetCert website at veterans.certify.sba.gov. Failure to report eligibility changes within 30 days of the change could result in:

- Civil and criminal penalties
- A referral to the Debarment and Suspension Committee
- Decertification and removal from the Veteran Small Business Certification Program

Please keep a copy of this letter to confirm AIRYS INC's continued program eligibility. Thank you for your service to our country and for continuing to serve the United States through small business ownership.



Attachment A.

State of Illinois Domestic/Foreign Corporation Annual Report

Year 2024 Corporation File No 51058542
FILED November 22, 2024
Alexi Glannoullas, Secretary of State

- 1. Corporate Name AIRY'S INC.
Registered Agent RYAN E HILL
Registered Office 21825 CHERRY HILL RD
City, IL, Zip Code, County JOLIET, IL 60433-8446 WILL
2. Principal address of Corporation 21825 CHERRY HILL ROAD
JOLIET, IL 60433
3a. State or Country of Incorporation ILLINOIS 3b. Date Incorporated/Qualified 12-22-1976

4. The names and addresses of ALL officers & directors MUST be listed here!

Table with 2 columns: Title, Name & Address. Rows include: PRESIDENT RYAN HILL, SECRETARY STUART JELM, ASSISTANT SECRETARY ROBERT NELSON.

5. If 51% or more of the stock is owned by a minority or female, please check the appropriate box
Minority Female Both

6. Number of shares authorized and issued as of 9-30-2024

Table with 5 columns: Class, Series, Par Value, Number Authorized, Number Issued. Row: COMMON, 10.000000, 1200, 120.000

7. The amount of paid-in-capital as of 9-30-2024 is \$ 10000

8. All property owned by the corporation is located in Illinois and all business transacted by the corporation is in Illinois.

9. Under the penalty of perjury and as an authorized officer, I declare that this annual report, pursuant to provisions of the Business Corporation Act, has been examined by me and is, to the best of my knowledge and belief, true, correct and complete.

By RYAN HILL Authorized Officer
PRESIDENT November 22, 2024
Title & Date

Fee Summary table: Franchise Tax: \$0.00, Filing Fee: \$75.00, Penalty: \$0.00, Interest: \$0.00, Total Fee: \$75.00

Attachment A.



State of Illinois
Domestic/Foreign Corporation Annual Report

Year 2024 Corporation File No 61058542

FILED November 22, 2024

Alexi Giannoulias, Secretary of State

1. Corporate Name AIRY'S INC.

Registered Agent RYAN E HILL

Registered Office 21825 CHERRY HILL RD

City, IL, Zip Code, County JOLIET, IL 60433-8446 WILL

Officers	
Title Name & Address	VICE PRESIDENT THOMAS LAND 21825 CHERRY HILL ROAD JOLIET, IL 60433
Title Name & Address	TREASURER DIANE GLYNN 21825 CHERRY HILL ROAD JOLIET, IL 60433
Title Name & Address	DIRECTOR RYAN HILL 21825 CHERRY HILL ROAD JOLIET, IL 60433
Title Name & Address	DIRECTOR KRISTINE HILL 21825 CHERRY HILL ROAD JOLIET, IL 60433
Title Name & Address	DIRECTOR MARVIN HILL 4487 RACHEL BLVD SPRING HILL, FL 34607
Title Name & Address	

Attachment A

12/12/22, 11:15 AM

Corporation/LLC Search/Certificate of Good Standing

cyberdriveillinois.com is now ilsos.gov



Office of the Secretary of State Jesse White
ilsos.gov

Corporation/LLC Search/Certificate of Good Standing

Corporation File Detail Report

File Number 61000542

Entity Name AIRY'S INC.

Status
ACTIVE

Entity Information

Entity Type
CORPORATION

Type of Corp
DOMESTIC BOA

Incorporation Date (Domestic)
Wednesday, 22 December 1976

State
ILLINOIS

Duration Date
PERPETUAL

Agent Information

Business Entity Search

Attachment A

Entity Information

Entity Name	AIRY'S INC.	Status	ACTIVE
File Number	51059542	Type of Corp	DOMESTIC BCA
Entity Type	CORPORATION	State	ILLINOIS
Incorporation Date (Domestic)	12-22-1976	Annual Report Year	2024
Duration Date	PERPETUAL	Agent Change Date	12-05-2020
Annual Report Filing Date	00-00-0000		
Agent Information	RYAN E HILL 21825 CHERRY HILL RD JOLIET IL 60438-8446		

 Translate this page

 Facebook

 Membership Portal

Contact Us

Apprenticeship Form Submitted

Thank you for your submitting a Sponsored Apprenticeship Application. If you did not submit this application, please contact the training fund at 630.653.0006.

Summary

Date Submitted	9/28/2023 at 2:10 PM
Reference #	PU9RIOP2BV
Contractor	AIRY'S INC (010281)
Contractor Address (Business Office)	21825 Cherry Hill Road Joliet, IL 60433
Contact	Ryan E Hill President (708) 429-0660 ryan.hill@airys.com
Apprentice Job Location	12575 Davey Road Woodridge, IL 60517 Cook County
Project Name	Santa Fe Treatment Plant
Expected Initial Work Assignment	Underground related work (water, sewer, utility, tunnel work, etc)

Additional
Information

Status Pending

Sponsored Individual

Name David A Narkis
Last 4 SSN 4628
Birthday 05/20/2003
Address 710 North Street
Henry, IL 61537
Phone (815) 685-5602
Email davidnarkis2003@gmail.com

LIUNA Chicagoland Laborers' District Council Training and Apprentice Fund

1200 Old Gary Avenue Carol Stream, IL 60188 (630) 653-0006
5700 W. Horner St. Chicago, IL 60639

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PLUMBERS' J.A.C. LOCAL 130, U.A.
CHICAGO - JOLIET - VOLO

PAI

APPRENTICE DISPATCH NOTICE

7

CONTRACTOR: AIRYS INC.
APPRENTICE: ERUBEY CABRERA **LEVEL:** 2ND 6 MONTHS APPRENTICE
CLASS DAY AND LOCATION: WEDNESDAY - CHICAGO
START DATE: 10/21/2024 **JOB LOCATION:** CALL SHOP FOR INFO.
CONTACT: SHOP - 708-429-0660

Please be advised that the prevailing pay wage is effective on the **START DATE** listed above. Deductions shall be made and submitted to Local Union 130 in accordance with the Collective Bargaining Agreement. Contractor will pay for an eight (8) hour school day and should deduct for absences, leaving early or being tardy. Your apprentice's school day and school location is listed above.

A signed referral slip will follow this notice within seven (7) days.

NOTE TO APPRENTICE: Please arrive on your start date with your Driver's License, Social Security Card and a Voided Check. YOU MUST PRESENT A CURRENT AND VALID APPRENTICE PLUMBING LICENSE IN ORDER TO SIGN YOUR REFERRAL WITH THE UNION OFFICE.

AMR: wn
cc: ERUBEY CABRERA REPORT TO THE UNION OFFICE FOR YOUR REFERRAL
cc: K.A.T.
s:\wp\transfer\dispatch notice.docx

LIUNA!

Chicagoland

LABORERS'

International Council of Building & Construction Unions



(630) 653-0000

APPRENTICE WAGE NOTICE

Effective as of September 17, 2024

Re: Apprentice: **LARRY SHEDWILL**

The above-named apprentice has been accepted into the Chicagoland Laborers' Training and Apprenticeship Program for Construction Craft Laborer. During this first phase of Apprenticeship, the apprentice is entitled to wages at 60% of Journey Workers scale (\$50.15/hr.) which equals \$30.09 per hour along with full benefits.

Initial mandatory Apprentice Training will last for one week, Monday through Friday, from 7:00am – 3:30 pm. The location is 5700 W. Homer Street, Chicago, Illinois 60639.

Your training dates are: **Initial Training** September 23 – 27, 2024
OSHA 30 Hour December 16 – 20, 2024

You must wear appropriate work clothing. Work pants (no shorts) and shirts with sleeves (long or short) and safety-toe work boots. Make sure that you are on time, *consider this as you would a job*, take traffic and weather delays into consideration. **Arriving late will count against you.**

You are required to join the Laborers Union and pay an initiation fee of \$800.00 and quarterly dues of \$120.00 as well as working dues. You have been assigned to:

LIUNA Local 2
8842 W. Ogden Avenue
Brookfield, IL 60513
708-387-1938

Please call your Local immediately at the number above to schedule an appointment to review the necessary information regarding initiation cost, quarterly dues, and all other paperwork requirements.

Failure to comply with this requirement will result in the Suspension of your Apprenticeship classes.

Respectively yours,

John Retondo
Director of Apprenticeship

Local Officers

James H. Connolly, Chairman

Michael Elvins

Shawn Fitzgerald

Martin Flanagan

Joseph V. Healy

Lloyd "Curly" Vaughn

Executive Director

Michael Vitalone

Management Affairs

David Johns, Secretary

Seth Gudeman

Shane Higgins

Joseph Koppers

Robert G. Krug

William Vignocchi

Carol Stream
200 Old Gary Avenue
Carol Stream, IL 60188



Chicago
5700 West Homer St.
Chicago, IL 60639



ORLAND PARK

RFP #25-012

Catalina Subdivision 2025 Watermain Project

PROJECT DETAILS

Scope of Work

The contractor shall be responsible for all work required herein to be performed, and shall provide and furnish all labor, materials, equipment to complete the water main replacement and storm sewer work in Phase III of the Catalina Subdivision, according to Exhibit A and Exhibit B for drawings and specifications. This includes all water main structures, valves, hydrants, storm sewers, and the repair of surface infrastructure once complete.

All work shall be performed by experienced personnel by the contractor or subcontractors. The contractor shall provide management and technical supervision through competent supervisors as required to implement the required contract. Contractor shall be responsible for the skills, methods, and actions of contractor's employees and for all work.

Include in your bid package a schedule of values for construction activity so if work needs to be increased or decreased, the value will be predetermined.

The Village reserves the right to extend this phase into 2026, depending on funding for this project.

LOCATION OF WORK AND SPECIFICATIONS:

The Proposal Specifications for this RFP #25-012 are attached as *Exhibit A and Exhibit B*.

Exhibit A – Project Drawings

Exhibit B – Project Specifications

It is expressly understood and agreed to by both Parties that in no event shall the total amount to be paid by the Village for the complete and satisfactory performance of services, exceed the proposed amount. Said price shall be the total compensation for Contractor's performance hereunder including, but not limited to, all work, deliverables, materials, supplies, equipment, subcontractor's fees, and all reimbursable travel and miscellaneous or incidental expenses to be incurred by Contractor. In the event the Contractor incurs cost in excess of the sum authorized for service, the Contractor shall pay such excess from its own funds, and the Village shall not be required to pay any part of such excess, and the Contractor shall have no claim against the Village on account thereof. For the avoidance of doubt, in no event shall Contractor be entitled to receive more than the proposed amount and this amount includes all costs incurred by Contractor in connection with the work and services authorized hereby, including, but not limited to: (i) any known or unknown and/or unexpected condition(s); (ii) any and all unforeseen difficulties; (iii) any unanticipated rises in the cost of labor, materials or equipment, changes in market or negotiating conditions, and errors or omissions made by others; (iv) the character of the work and/or services to be performed; and (v) any overrun in the time or cost necessary for the Contractor to complete the work due to any causes, within or beyond its control. Under no circumstances shall the Village be liable for any additional charges if Contractor's actual costs and reimbursable expenses for such work, service or deliverable exceed the proposed amount. Accordingly, Contractor represents,



ORLAND PARK

RFP #25-012

Catalina Subdivision 2025 Watermain Project

warrants and covenants to the Village that it will not, nor will Contractor have anyone on its behalf, attempt to collect an amount in excess of the proposed amount agreed to by the Contractor.

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GENERAL PROVISIONS

The general requirements of the contract shall be in accordance with Section 100 of the "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" adopted by the Illinois Department of Transportation January 1, 2022, except as amended below.

Definitions

The term "VILLAGE" whenever used in the contract documents shall be construed to mean the Village of Orland Park, Cook County, Illinois.

The term "ENGINEER" whenever used in the contract documents shall be construed to mean the firm of Christopher B. Burke Engineering, LTD (CBBEL), as engineer contracted by the Village of Orland Park.

The term "BIDDER" whenever used in the contract documents shall be construed to mean any person or firm submitting a bid to the VILLAGE or its appointed representative.

The term "CONTRACTOR" whenever used in the contract documents shall be construed to mean any person or firm having a contract with the VILLAGE for the work so specified or its appointed representative.

The term "STANDARD SPECIFICATIONS" whenever used in this document shall be construed to mean the "Standard Specifications for Road and Bridge Construction", adopted January 1, 2022 and "Supplemental Specifications and Recurring Special Provisions", adopted January 1, 2024, as amended; the "Standard Specifications for Traffic Control Items"; and the latest edition of the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways" and the "Manual of Test Procedure of Materials" in effect; all issued by the State of Illinois, Department of Transportation.

Site Investigations and Conditions Affecting the Work

The BIDDER acknowledges that it has taken steps reasonably necessary to ascertain the nature and location of the work, and that it has investigated and satisfied itself as to the general and local conditions which can affect the work or its costs, including but not limited to (1) conditions bearing upon transportation, disposal, handling and storage of materials; (2) the availability of labor, water, electric power and roads; (3) uncertainties of weather, river stages, tides, or similar physical conditions at the site; (4) the conformation and conditions of the ground; and (5) the character of equipment and facilities needed preliminary to and during work performance. The BIDDER also acknowledges that it has satisfied itself as to the character, quality and quantity of surface and subsurface materials or obstacles to be encountered insofar as this information is reasonably ascertainable from an inspection of the site, including all exploratory work done, if any, as well as from the drawings and specifications made a part of the bidding documents. Any failure of the BIDDER to take the actions described and acknowledged in this paragraph will not relieve the BIDDER from responsibility for estimating properly the difficulty and cost of successfully performing the work, or for proceeding to successfully perform the work without additional expense to the VILLAGE.

Christopher B. Burke Engineering, Ltd. assumes no responsibility for any conclusions or interpretations made by the BIDDER based on information made available by Christopher B. Burke Engineering, Ltd. or the VILLAGE of the project. Nor does the VILLAGE or Christopher B. Burke Engineering, Ltd. Assume

responsibility for any understanding reached or representation made concerning conditions which can affect the work by any of its officers or agents before the acceptance of the bid offer and execution of the contract, unless that understanding or representation is expressly stated in the contract.

SPECIAL PROVISIONS FOR CATALINA SUBDIVISION 2025 WATERMAIN IMPROVEMENTS PROJECT

CONTRACT TIME

The CONTRACTOR shall complete the first phase of the work, including at minimum the "core" area and any other areas as designated by the Village, by December 1, 2025. The second phase of the work shall be completed by August 1, 2026. Failure to complete the work on time shall result in liquidated damages in accordance with Section 108 of the Standard Specifications.

SPECIFICATIONS

The following Special Provisions supplement the STANDARD SPECIFICATIONS. These Special Provisions included herein apply to and govern the proposed improvement designated as **CATALINA SUBDIVISION 2025 WATER MAIN IMPROVEMENTS PROJECT**, and in case of conflict with any part or parts of said specifications, said Special Provisions shall take precedent and shall govern.

SUPERINTENDENT

The CONTRACTOR shall have on the site at all times, as the CONTRACTOR's agent, a competent English-speaking superintendent capable of reading and thoroughly understanding the plans and specifications and thoroughly experienced in the type of work being performed, who shall receive instructions from the Engineer or authorized representatives. The superintendent shall have full authority to execute orders or directions of the Engineer without delay, and to promptly supply such materials, equipment, tools, labor, and incidentals as may be required. Such superintendent shall be furnished irrespective of the amount of work sublet.

MAINTENANCE OF EXISTING UTILITIES

The CONTRACTOR shall be responsible for interference with or damage to any existing utilities, such as water mains, sewers, gas mains, cable, conduit, etc., and shall repair or replace same at his own expense and with the least possible delay. The CONTRACTOR shall give prior notification to the utility companies of his intention to begin work. He shall also call J.U.L.I.E. at 811 or 1-800-892-0123 and the Village to mark the location of underground utilities.

VANDALISM

Special attention is called to Article 107.30 of the STANDARD SPECIFICATIONS. Any defaced work shall be corrected or replaced by the CONTRACTOR at his sole expense prior to final payment. The VILLAGE shall cooperate with the CONTRACTOR to minimize vandalism, but the CONTRACTOR shall be ultimately responsible to correct any damage.

The cost of this item is included in the overall contract prices and will not be billed or paid for separately.

MAINTENANCE OF ROADWAYS

Beginning on the date that the CONTRACTOR begins work on this project, he shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work requested by the VILLAGE, and all requirements outlined in PROJECT STAGING, but shall not include snow removal operations. Traffic control and protection for this work will be provided by the CONTRACTOR as required by the VILLAGE.

The work involved in maintaining the existing pavement shall be included in the contract. Traffic control and protection will be paid for separately per Lump Sum as TRAFFIC CONTROL AND PROTECTION, STANDARD 701501, TRAFFIC CONTROL AND PROTECTION, STANDARD 701701, and TRAFFIC CONTROL AND PROTECTION, STANDARD 701801.

Construction traffic is prohibited from using Primrose and Orchid Lanes between Sycamore Drive and Wheeler Drive, Palm Drive between Orchid Lane and Hemlock Drive, and all Cul-de-sacs branching off of the aforementioned sections of Primrose Lane, Orchid Lane. Cul-de-Sacs branching off of Wheeler Drive between South 80th Avenue and Hemlock Drive are also closed to construction traffic.

If items of work have not been provided for in the contract, or otherwise specified for payment, such items, including the accompanying traffic control and protection required by the VILLAGE, will be paid for in accordance with Article 109.04 of the STANDARD SPECIFICATIONS.

STREET CLEANING

Special attention shall be paid to Section 107.15 of the STANDARD SPECIFICATIONS. If the CONTRACTOR fails to clean the pavement, sidewalk or parkways on or adjacent to the section under construction to the satisfaction of the VILLAGE at any time during the contract, the VILLAGE will notify the CONTRACTOR at which time the CONTRACTOR will have 24 hours to respond.

PUBLIC CONVENIENCE AND SAFETY

The CONTRACTOR is responsible for all measures taken to ensure public convenience and safety while performing any construction within the project limits.

In addition to the requirements of Article 107.09 of the STANDARD SPECIFICATIONS, the CONTRACTOR shall maintain entrances and side roads along the proposed improvement; interference with traffic movements and inconvenience to owners of abutting property and public shall be kept to a minimum. Any delays or inconveniences caused the CONTRACTOR by complying with these requirements shall be considered as incidental to the contract, and no additional compensation will be allowed.

The CONTRACTOR is to plan his work so that there will be no open holes in the pavement and that all barricades will be removed from the pavement during non-work hours.

During all construction operations, the CONTRACTOR will be required to provide, erect and maintain

proper signage and barricades plus provide flagmen as necessary for safe traffic control.

All provisions relating to traffic control, signage, barricades and the use of flagmen shall be subject to the approval of the VILLAGE.

WATER SUPPLY AND USAGE

Construction water for the proposed improvements will be available to the CONTRACTOR free of charge, subject to the following conditions.

- A water meter must be obtained from the Village Public Works located at 15655 S. Ravinia Avenue, Orland Park, Illinois.
- Water is obtained from hydrants serviced by the Village Public Works with their assistance.

CONSTRUCTION DEBRIS

EFFECTIVE OCTOBER 18, 1999

Add the following to the third paragraph of Article 202.03 of the Standard Specifications:

"The CONTRACTOR shall not conduct any generation, transportation, or recycling of construction or demolition debris, clean or general or uncontaminated soil generated during construction, remodeling, repair, and demolition of utilities, structures, and roads that is not commingled with any waste, without the maintenance of documentation identifying the hauler, generator, place of origin of the debris or soil, the weight or volume of the debris or soil, and the location, owner, and operator of the facility where the debris or soil was transferred, disposed, recycled or treated. This documentation must be maintained by the CONTRACTOR for 3 years.

DISINFECTION OF WATERMANS

Disinfection of watermains shall be completed in accordance with Section 41-2.14 of the WATER AND SEWER SPECIFICATIONS except as modified in this Special Provision. The OWNER shall be notified at least twenty-four hours before the disinfection procedure. Representatives of the water division must be present during the procedure.

A. Flushing

Sections of pipe to be disinfected shall first be flushed to remove any solids or contaminated material that may have become lodged in the pipe. If no hydrant is installed at the end of the main, then a tap should be provided large enough to develop a velocity of at least two and five-tenths (2.5) feet per second in the main. One two and one-half (2 1/2) inch hydrant opening will, under normal pressures, provide this velocity in pipe sized up to and including twelve (12) inches.

All taps required for chlorination or flushing purposes, or for temporary or permanent release of

air, shall be provided for by the CONTRACTOR as part of the construction of water mains.

The CONTRACTOR is required to perform a final, separate, flush of the main in accordance to NFPA 13 and shall be performed in the presence of the VILLAGE, Fire Protection District, and ENGINEER to clear the main of all debris. The equipment required for flush test, to be provided by the CONTRACTOR, includes heavy duty burlap bags, hose (4.5"), hose connections, 10' piece of 2x8 wood, and any other collateral equipment required to perform the test.

B. Requirement of Chlorine

A free chlorine residual of at least 50 ppm and no more than 400 ppm must be reached throughout the entire length and branch lines of the water main. After the super-chlorinated water has sat in the main for twenty-four hours, a chlorine residual test shall be taken to ensure the residual has not dropped by over one-half.

C. Form of Applied Chlorine

Chlorine shall be applied by the method which follows, subject to the review of the ENGINEER.

Chlorination shall be made by the use of chlorine gas only. The dry gas shall be fed directly through proper devices for regulating the rate of flow and providing effective diffusion of the gas into the water within the pipe being treated. Chlorinating devices for feeding the chlorine gas must provide means for preventing the backflow of water into the chlorine. The chlorine gas shall be injected into the main at intervals of no more than 1,000 feet.

D. Point of Application

The preferred point of application of the chlorine gas is at the beginning of the pipe line extension or any valved section of it, and through a corporation stop inserted in the pipe. The water injector for delivering the chlorine-bearing water into the pipe should be supplied from a tap made on the pressure side of the gate valve controlling the flow into the pipe line extension. Alternate points of application may be used subject to the review of the ENGINEER.

E. Preventing Reverse Flow

Valves shall be manipulated so that the strong chlorine solution in the line being treated will not flow back into the line supplying the water. Check valves may be used if desired.

F. Retention Period

Treated water shall be retained in the pipe at least twenty-four (24) hours. After this period, the chlorine residual at pipe extremities and at other representative points shall be at least twenty-five (25) mg/l.

G. Chlorinating Valves and Hydrants

In the process of chlorinating newly laid pipe, all valves or other appurtenances shall be operated while the pipe line is filled with the chlorinating agent and under normal operating pressure.

H. Final Flushing and Testing

Following chlorination, all treated water shall be thoroughly flushed from the newly laid pipe at its extremity until the replacement water throughout its entire length shows, upon test, a chlorine residual of less than one (1) mg/l. In the event chlorine is normally used in the source of supply, then the test shall show a residual of not in excess of that carried in the system.

At this time a water sample will be taken by the CONTRACTOR or his representative and sent to a state-certified water lab of his choice. Also at this time the OWNER will witness the sampling. The CONTRACTOR shall take two (2) samples, 24 hours apart with satisfactory results or the procedure shall be repeated.

I. Repetition of Flushing and Testing

Should the initial treatment result in an unsatisfactory bacterial test, the original chlorination procedure shall be repeated by the CONTRACTOR until satisfactory results are obtained. After watermain passes chlorination testing, the corporation stop used to chlorinate the main shall be shut off and any piping removed.

The cost of this item is included in the overall contract prices and will not be billed or paid for separately.

PRESSURE TESTING OF WATERMAINS

After the pipe has been laid and partially backfilled as specified herein, all newly-laid pipe or any valved sections of it shall, unless otherwise expressly specified, be subjected to a hydrostatic pressure of 150 psi at the lowest elevation of the pipe section. The ENGINEER shall be given 24 hours notice prior to the beginning of testing. The duration of each pressure test shall be not less than four hours. Water main testing shall be in accordance with the applicable portions of AWWA Standards C600 and C603, or as otherwise modified herein.

Procedure for Test - The CONTRACTOR shall notify the OWNER at least twenty-four hours prior to the pressure test. Valves will be turned on only under the supervision of the OWNER, and the OWNER will witness all pressure testing.

Each section of pipe to be tested, as determined by the ENGINEER, shall be slowly filled with water and the specified test pressure shall be applied by means of a pump connected to the pipe in a satisfactory manner. The pump pipe connection and all necessary apparatus, including gauges and meters, shall be furnished by the CONTRACTOR. Before applying the specified test pressure, all air shall be expelled from the pipe. To accomplish this, taps shall be made, if necessary, at points of highest elevations and afterwards tightly plugged. Any cracked or defective pipes, fittings, valves, or hydrants discovered in consequence of this pressure test shall be removed and replaced by the CONTRACTOR with sound material, and test shall be repeated until satisfactory to the ENGINEER and the OWNER. The provisions of AWWA C600 and C603, where applicable, shall apply.

The pressure testing shall be accomplished with fire hydrant auxiliary valves open.

The cost of this item is included in the overall contract prices and will not be billed or paid for separately.

LEAKAGE TESTING OF WATERMAINS

After completion of the pressure test, a leakage test shall be conducted to determine the quantity of water lost by leakage under the specified test pressure.

1. Test pressure is defined as the maximum operating pressure of the section under test, and is based on the elevation of the lowest point in the line or section under test corrected to the elevation of the test gauge. Applicable provisions of AWWA C600 and C603 shall apply. The minimum duration of each leakage test shall be one (1) hour in addition to the pressure test period.
2. Allowable leakage in gallons per hour for cast iron water main shall not be greater than that determined by the following formula:

$$L = \frac{ND \sqrt{P}}{7400}$$

Note: L = Allowable leakage in gallons per hour
 N = Number of joints in length of pipeline tested.
 D = Nominal diameter of the pipe in inches.
 P = Average test pressure during leakage test in pounds per square inch gauge.

3. Leakage is defined as the quantity of water to be supplied in the newly laid pipe or any valved section under test, which is necessary to maintain the specified leakage test pressure after the pipe has been filled with water and the air expelled.

Immediately after a passed test the pressure shall be drained through a fire hydrant until it is below the potable system pressure.

IEPA CLEAN CONSTRUCTION AND DEMOLITION DEBRIS (CCDD)

All removal or excavation items being disposed of at an uncontaminated soil fill operation or Clean Construction and Demolition Debris (CCDD) fill site shall meet the requirements of Public Act 96-1416. **All costs associated with meeting these requirements shall be included in the unit price cost for the associated removal or excavation items in the contract.** These costs shall include but are not limited to all required testing, lab analysis, certification by a licensed professional engineer, and State and local tipping fees.

The CONTRACTOR shall submit copies of all dump debris tickets to the ENGINEER.

PROJECT STAGING

The Village has requested that several staging efforts be made in order to allow for uninterrupted flow of traffic and water service. These include:

- Local traffic shall be maintained on all roads and cul-de-sacs, especially where the water main crosses or is constructed on the centerline of the roadway.
- The CONTRACTOR shall be limited in the number of streets under construction at any given time,

as coordinated with the ENGINEER and the VILLAGE.

- All trenches within the roadway shall be backfilled prior to the excavation of a new trench in a different roadway alignment.
- Access to driveways shall be disturbed for the minimum time possible. The CONTRACTOR is responsible for informing residents when and if their driveway will be blocked or inaccessible each construction day.
- The water main on Primrose Lane is to be constructed and completed on either the north or south roadway access to Willowood Court before starting the other roadway, in order to assure continuous access to Willowood Court.
- Construction on Hemlock and Wheeler Drive is to be coordinated with the Kruse Education Center and School District 146. Construction is to take place during the summer, between June 5, 2025, and August 19, 2025, to minimize conflict with the school. If these dates are not met, liquidated damages, as specified in CONTRACT TIME, will apply.
- The CONTRACTOR is to coordinate with the contractor of the 2024 Catalina Subdivision Water Main Improvements Project concerning the storage of materials along the roadway.
- The disconnection of the 6" watermain on the northernmost location on Primrose Lane is to be performed with minimum downtime. The CONTRACTOR is advised to leave this connection to the proposed water main to after the main on Primrose has been tested.
- Construction traffic is to be kept off prohibited streets, as described in MAINTENANCE OF ROADWAYS, as well as any other streets deemed prohibited by the VILLAGE.
- Depending on Village funding the Village reserve the right to dictate portions of the project, as specified in the staging exhibit within the plans, to be completed in 2025 or 2026. No additional compensation will be provided to the contractor.

Upon bid acceptance, the CONTRACTOR is to submit a staging schedule for the project to the ENGINEER, for review and approval by the ENGINEER and the VILLAGE.

EARTH EXCAVATION

Description: This item shall be constructed in accordance with the applicable portions of Section 202 of the STANDARD SPECIFICATIONS.

Removal of the baseball fields will be paid for separately as REMOVE EXISTING BASEBALL FIELDS.

Method of Measurement and Basis of Payment: This work will be measured and paid for at the contract unit price per CUBIC YARD for EARTH EXCAVATION.

DUCTILE IRON WATER MAIN (6", 8", 12")

Description: This item shall be constructed in accordance with the applicable portions of Section 561 of the STANDARD SPECIFICATIONS and with the applicable portions of Section 41 of the WATER AND SEWER SPECIFICATIONS except as modified herein.

The water main and fittings shall be ductile cast iron, cement lined, with push-on joints, Class 52, of the size as designated in the plans, and shall conform to the latest ANSI/AWWA C151/A21.51-86, C111 and C104.

Wherever water is encountered in the trench, it shall be removed during pipe laying and jointing operations. Provisions shall be made to prevent floating of the pipe. Any dewatering of the trenches shall be considered incidental. At no time shall trench water be allowed to enter the water main. Water main shall be installed to provide a minimum of 5.5' of cover. Bedding and haunching up to 1' above pipe shall be of CA-6 backfill, and is included in the cost of the water main pipe.

All types of pipe shall be handled in such a manner as to prevent damage to the pipe or coating. Accidental damage to the pipe or coating shall be repaired to the satisfaction of the ENGINEER, or be removed from the job, and the methods of handling shall be corrected to prevent further damage when called to the attention of the CONTRACTOR.

The pipe shall be inspected by the ENGINEER for defects while suspended above grade.

Dirt or other foreign material shall be prevented from entering the pipe or pipe joint during handling or laying operations, and any pipe or fitting that has been installed with dirt or foreign material therein shall be removed, cleaned and re-laid. At times when pipe laying is not in progress, the open ends of the pipe shall be closed by a watertight plug, or by other means subject to the review of the ENGINEER, to ensure absolute cleanliness inside the pipe. All cutting of existing water main pipe for the installation of valves, tees or other fittings shall be performed without damage to the pipe or pipe lining, and so as to leave a smooth end at right angles to the axis of the pipe. Any damaged water main shall be re-cut and replaced by the CONTRACTOR at his sole expense.

Ductile iron pipe, pipe fittings and valve bodies, as well as cast iron valve boxes, shall be wrapped with polyethylene film, a minimum of 8 mils in thickness. The entire wrap on any pipe or fitting shall have a single seam secured by waterproof tape. Polyethylene shall overlap a minimum of 24 inches at seams. The wrap shall enclose the entire pipe or fitting and shall be secured to the adjoining pipe barrel by waterproof tape tightened securely around the juncture of the wrap and the pipe barrel. The CONTRACTOR shall re-wrap the watermain at all service tap locations. All polyethylene wrapped ductile iron pipe, pipe fittings and valve bodies shall be inspected by the ENGINEER.

A canvas strap shall be used to lower the watermain into the trench to avoid damaging the polyethylene film.

The first two joints beyond any valve bend, cross, or tee shall be restrained with retainer glands. Also, any joint where the proposed watermain ties into the existing watermain shall be restrained with retainer glands. Retainer glands shall be TR-Flex or Field-Lok by U.S. Pipe, Mega Lugs by EBAA Iron, or an equal approved by the ENGINEER. Also all bends, crosses, and tees shall be additionally restrained with thrust blocks as shown on the details in the plans. The cost of retainer glands, thrust blocks, bends, crosses, and tees shall be considered included in the cost of the ductile iron watermain.

Method of Measurement and Basis of Payment: This work will be paid for at the contract unit price per FOOT for DUCTILE IRON WATER MAIN, of the diameter specified, measured in place. This price shall include the cost of all pipe, joint materials, retainer glands, additional bends, hydrostatic pressure tests, leakage tests, disinfecting of the water main, excavation, bedding, haunching, and polyethylene wrapping. Trench backfill will be paid for separately as TRENCH BACKFILL (SPECIAL).

This item shall also include any and all items such as corporation stops (for testing), water pumps, gauges, meters and laboratory test costs, and all other items necessary to complete this work as specified. Fittings such as tees, bends, reducers and plugs, and corporation stops for water service lines, shall be paid for separately, as specified elsewhere herein.

WATER VALVES (8", 12")

Description: Water valves shall be of the gate valve type suitable for ordinary water-works service, intended to be installed in a normal position on buried pipelines for water distribution systems.

As a minimum, all gate valves shall, in design, material and workmanship, conform to the standards of the latest AWWA C500 and AWWA C509. All materials used in the manufacture of waterworks gate valves shall conform to the AWWA standards designed for each material listed.

Materials:

1. **Manufacturer and Marking** - The gate valves shall be standard pattern and shall have the name or mark of the manufacturer, size and working pressure plainly cast in raised letters on the valve body. Gate valves shall be Mueller A-2360 Resilient Wedge Gate Valves or equal approved by the OWNER.
2. **Type and Mounting** - The valve bodies shall be cast iron, mounted with approved non-corrosive metals. All wearing surfaces shall be bronze or other approved non-corrosive material and there shall be no moving bearing or contact surfaces of iron in contact with iron. Contact surfaces shall be machined and finished in the best workmanlike manner, and all wearing surfaces shall be easily renewable. All trim bolts shall be 300 series stainless steel.

The resilient-seated disc wedge shall be of the resilient wedge fully-supported type. Solid guide lugs shall travel within channels in the body of the valve. The disc and guide lugs shall be fully (100%) encapsulated in SBR (styrene butadiene) rubber.

Disc wedges that are not 100% fully encapsulated shall not be acceptable. Guide caps of an acetal copolymer bearing material shall be provided to protect the rubber-encapsulated solid guide lugs from abrasion for long life and ease of operation.

All internal and external exposed ferrous surfaces of the valve shall be coated with a fusion-bonded, thermosetting powder epoxy coating conforming to AWWA C550 and certified to NSF 61. Coating shall be non-toxic and shall impart no taste to water. Coating thickness shall be nominal 10 mils.

The stem shall be of high tensile strength bronze or other approved non-corrosive metal, providing 70,000 PSI tensile strength with 15% elongation and a yield strength of 30,000 PSI. All nonferrous

bushings shall be of substantial thickness, tightly fitted and pressed into machine seats. All valves shall open by turning to the left (counterclockwise), unless otherwise specified.

3. End Connections - End connections of gate valves shall consist of Push On (Rubber-gasket) Joints.

Installation: All gate valves are to be installed in concrete valve vaults as detailed in the plans. The valves shall be wrapped with polyethylene film. Valves shall be installed using stainless steel bolts.

Method of Measurement and Basis of Payment: This work will be paid for at the contract unit price EACH for WATER VALVES, of the size specified. This price shall include the cost of all labor, materials and equipment necessary to install the gate valve in a valve vault, including polyethylene wrapping, as detailed in the plans and to the satisfaction of the ENGINEER. The valve vault will be paid for separately.

FIRE HYDRANTS TO BE REMOVED

Description: This work shall consist of the removal of the existing fire hydrants and auxiliary valves, as shown on the plans.

Construction: Removal shall include the excavation and physical removal of fire hydrants and auxiliary valves, backfilling of the voids left by the fire hydrants and auxiliary valves, and the intact return of the hydrants and auxiliary valves to the village. A cut barrel below grade will not be accepted.

Method of Measurement and Basis of Payment: This work shall be measured and paid for at the contract price per EACH for FIRE HYDRANTS TO BE REMOVED. This shall include all work, labor, materials, and equipment for removal of the fire hydrants and auxiliary valves.

FIRE HYDRANT EXTENTION

Description: This item shall consist of the installation of fire hydrant extension pipe in order to bring the fire hydrant to the proper surface elevation.

Construction: Fire hydrant extension pipe shall be ductile iron pipe, six inches (6") in diameter.

Method of Measurement and Basis of Payment: This item shall be paid for at the contract price per vertical FOOT for FIRE HYDRANT EXTENSION, which price shall be payment in full for all material, labor, and any other items required for construction. Installation of the fire hydrant shall be paid for as FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE.

FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE

Description: This work shall consist of furnishing new fire hydrants of the type and size specified herein below at the locations indicated on the plans or otherwise directed by the engineer.

Materials: Hydrants shall be of the compression or gate type conforming to the latest specifications of the American Water Works Association, C502, and shall be of a make that has been adopted by the owner

as standard. Hydrants shall be designed for a 150 -pound working pressure. Hydrants shall be finished with two (2), two and one-half inch (2-1/2") hose nozzles, and one (1) four and one half (4-1/2") machined five-inch (5") Storz Harrington HPHA nozzle adapter connection. Threads on nozzles and caps shall be national standard thread and shall conform to the standard adopted by the owner. Hydrants shall open by turning to the left or counter-clockwise and shall be so marked. All new fire hydrants furnished under this contract shall be E.J. WATERMASTER 5BR250 and shall have traffic flange construction design with a break way flange and mechanism at the ground line.

Hydrants shall have a six-inch (6") pipe connection, shall be equipped with a (6") auxiliary gate valve, and shall have a five and one-quarter inch (5-1/4") valve opening. Contractor to verify size with the Village of Orland Park. The auxiliary valve shall be attached to the hydrant by means of an 18" to 24" long, 6" spool piece. A valve box stabilizer shall be rubber of the type Adapter Inc. Stabilizer and shall be installed between the valve box and the auxiliary valve. The hydrant construction shall include the installation of whatever length necessary of six-inch (6") Ductile Iron pipe to connect to the watermain, including the ductile iron tee.

Installation: Hydrants shall be set at the locations indicated on the plans, and shall be such length that with the frost ring nearly at the ground level, there will be five and one-half feet (5.5') of cover over the connecting pipe and the height of the nut on the cap is 18"-24" above the ground. At least four feet (4') of cover will be provided across ditches. Hydrants shall be placed on a large, flat stone, and **must have a minimum of one-half cubic yard (1/2cy.) of river rock** around the base to provide drainage for the hydrant drip. This shall include a 3-4 mil. plastic barrier, between the gravel drain field and the earth cover. All hydrants shall be properly braced to prevent movement. Any mechanical joint glands required on any mechanical joint fittings necessary for the installation of the hydrants shall be mega-lug type glands. All hydrants shall be placed so that the steamer connection is facing the existing roadway.

Method of Measurement and Basis of Payment: This work will be measured and paid for at the contract unit price per EACH for FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE, which price for all work as specified herein. Required length necessary of six- inch (6") diameter pipe between the auxiliary valve and the water main, as well as the tee, will be paid for separately as DUCTILE IRON WATER MAIN 6" and DUCTILE IRON WATER MAIN TEE, of the appropriate size.

ADJUSTING SANITARY SEWER SERVICE LINE

Description: This work shall consist of adjusting sanitary sewer service lines where the proposed storm sewer or water main is in direct conflict with the existing sanitary sewer service. This work shall be completed in accordance with Section 563 of the Standard Specifications and as specified herein.

Materials: Sanitary sewer shall be PVC, SDR 26. Connections to existing sanitary shall be made with stainless steel shielded couplings meeting ASTM C1173-91 with a stainless steel shear ring with a minimum thickness of 0.012", 316 grade stainless steel nut and bolt tightening clamps, shear ring and clamps to meet all requirements of ASTM A167-91, transitional sizes to utilize a one piece gasket. Size of the repair should not extend past the area excavated for the conflicting storm sewer, plus 2 feet on each side, for an absolute maximum of 13 linear feet.

Method of Measurement and Basis of Payment: This work will be paid for at the contract unit price per EACH for ADJUSTING SANITARY SEWER SERVICE LINE, which price shall include all pipe removal and replacement, joint materials, marking all connections, excavation and backfilling, except that trench

backfill will be measured separately for payment.

DIRECTIONAL BORING

Description: This work shall consist of the installation of water main via directional boring, on locations specified within the plans.

Construction: Boring is to be used for the installation of Ductile Iron Water Main 8" for the length between the two designated boring pits, as shown on the plans. Installation of the water main shall follow the requirements specified for DUCTILE IRON WATER MAIN 8", excluding all work concerning trench excavation or backfill.

The Contractor shall submit a work plan for the installation of the water main via boring for approval by the ENGINEER. No work shall begin, or materials ordered, until the Contractor has received written approval of the plan from the Engineer.

Construction: Open cut excavation for the pits shall be adequately sheeted and braced. The cost of the necessary sheeting and bracing shall be included in the cost of DIRECTIONAL BORING. The jacking pit shall be provided with means for securely supporting the jacks or rams in proper alignment, and for transmitting their thrust to the pipe. The floor of the pit and the backstop or reaction block shall be of Portland cement concrete unless other materials are approved by the Engineer. The floor shall be sloped away from the working face of the pit and toward a sump from which accumulated water shall be pumped to maintain the pit in working condition.

Excavation and dewatering of the pits shall be included in the cost of DIRECTIONAL BORING.

The water main shall be installed in a continuous operation. If continuous operations cannot be maintained, the Contractor shall take the necessary precautions for not allowing the water main to freeze in place.

All sheeting, bracing, shoring, jacking frame, guide rails, backstops, shields, sleeves, and other materials necessary for the complete installation of the water main shall be of sufficient strength to support the loads that are to be imposed on them.

The size of the pits and the type and size of the equipment used shall be such as to exert sufficient force to overcome the greatest resistance to be encountered considering both the weight of the water main and the friction on its exterior surface. Lubricants, if required, may be used to decrease the frictional resistance on the exterior surface of the pipe being installed. Suitable lubricants may be applied directly to the pipe surface or through nipples installed in holes drilled in the cutting shield at the leading casing pipe.

Care shall be taken in arranging the equipment and struts to ensure that thrust is applied parallel with the centerline of the pipe or liner or as approved by the Engineer. A jacking head or collar shall be used to apply pressure from the equipment to the water main. Pressure applied directly to the water main will not be permitted. A cutting edge at least ½ inch larger in diameter than the water main being installed shall be provided for the leading water main. The upper half of the cutting edge shall project beyond the water main end to support the embankment. Excavation within the jacked water main shall be performed in such a manner as to not make the excavated diameter larger than the water main being installed. Excavation shall not be carried beyond the end of the cutting edge of the water main.

The alignment and elevation of the forward end of the pipe shall be checked at regular intervals as work proceeds and appropriate measures immediately taken to correct any observed deviation. Installation shall be done using laser technology or equal to assure specified design inverts shown on the plans are maintained.

All earth and other foreign material shall be removed from inside the water main.

Backfilling of the jacking and receiving pits shall be performed in accordance with Section 208 of the Standard Specifications, except that this work shall be included in the cost of TRENCH BACKFILL (SPECIAL).

Method of Measurement and Basis of Payment: This work shall be measured and paid for at the contract price per FOOT for DIRECTIONAL BORING. This shall include all work, labor, materials, and equipment required for the boring. The excavation and maintenance of boring pits is incidental to this item. Installed water main will be paid for separately as DUCTILE IRON WATER MAIN 8".

WASHOUT BASIN

Description: This item shall consist of constructing and maintaining washout basins for concrete trucks and other construction vehicles.

Requirements: The work shall include general maintenance and removal of all construction debris.

Method of Measurement and Basis of Payment: This item will be paid for at the contract unit price as LUMP SUM for WASHOUT BASIN.

PRECAST CONCRETE JUNCTION CHAMBER

Description: This work shall consist of all work and materials required for the construction and installation of a PRECAST CONCRETE JUNCTION CHAMBER in accordance with the plans and as specified herein. The dimensions shown on the plans are measured to the inside face of the chamber walls.

Materials:

Concrete:	IDOT Section 1020 Class PC ($f' c$ min = 5,00 PSI at 28 days)
Reinforcing Steel:	ASTM A 706, Grade 60 (IL Modified)
Frame and Grate:	LOCKABLE Type 1 Frame, Closed Lid or Neenah Low Profile as determined by CONTRACTOR.
Precast Riser:	IDOT Standard 602401
Steps:	IDOT Standard 602701
Mastic Joint Sealer:	IDOT Section 1056
Loading:	Soil Loads and AASHTO HL-93

Construction Requirements: The precast junction chambers shall be constructed in accordance with IDOT Section 504. All excavation and granular backfill material shall be in accordance with IDOT Section 502. The CONTRACTOR shall be responsible for verifying the size, inverts and locations of the sewers to be connected to the proposed junction chambers, as well as the rim elevation of the access manhole. A cast-in-place concrete bench slab shall be poured up to the inverts of the pipes to prevent standing water on the bottom slab. The CONTRACTOR shall take necessary precautions to prevent the chamber from becoming buoyant during construction. Trench Backfill material shall be per Section 208 of the SSRBC and the TRENCH BACKFILL, specification as included herein.

Junction chambers shall be designed for hs20 loading. Design shall be signed and sealed by a structural engineer licensed in the state of Illinois and a shop drawing shall be submitted to the ENGINEER prior to the ordering of materials.

The CONTRACTOR has the option of constructing the junction chamber using cast in place concrete in accordance with IDOT Section 503, with prior permission from the VILLAGE. Cast- in-place concrete shall be IDOT class SI (f'c min = 3500 PSI).

The CONTRACTOR shall submit calculations and detailed shop drawings that are signed and sealed by a Structural Engineer licensed in the State of Illinois to the ENGINEER for review prior to ordering material or starting construction. The required thickness of the chambers bottom slab, sidewalls and top slab, reinforcement details, location and elevation of the frame and lid, and location of access stairs shall be shown on the shop drawings. The bottom slab of the structure may need to extend beyond the sidewalls of the structure to prevent the structure from becoming buoyant. The top slab may need to be adjusted in thickness for roadway clearance. This shall be considered in the calculations and shown in the shop drawings if needed.

A temporary shoring plan, signed and sealed by a Structural Engineer licensed In the State of Illinois, shall be submitted to the ENGINEER with corresponding calculations and other necessary information, for all temporary shoring required to accommodate safety and other requirements during construction. Temporary shoring plan shall be approved by the VILLAGE prior to installation of temporary shoring.

Lids shall be Neenah R-1534-A frame and closed lid or approved equal, and stamped "STORM," included in the cost of the junction chamber.

Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract price per EACH for PRECAST CONCRETE JUNCTION CHAMBER, of the dimensions specified, as shown on the plans. All labor and materials associated with excavation, granular backfill (Trench Backfill as necessary), granular subbase, concrete, reinforcement bars, frame and grate, cast iron steps, precast concrete riser and slab, temporary shoring, detailed structural drawings, and any miscellaneous items required for the junction chamber shall not be paid for separately, but shall be included in the price for PRECAST CONCRETE JUNCTION CHAMBER.

WATER MAIN CASING PIPE

Description: This work shall consist of all work and materials required for the construction and installation of a WATER MAIN CASING PIPE to serve as a conduit for the placement of water main pipe under the utility as shown on the plans.

WATER MAIN CASING PIPE shall be installed where the water main is crossing the BP pipeline. A MINIMUM of 2 feet separation between the top of the casing pipe and the bottom of the BP pipeline is required.

Construction: The WATER MAIN CASING PIPE shall be made of steel, and shall be in accordance with Section 20-2.19C of the SSWSMCI, the applicable detail, and any BP requirements. The steel casing shall have an inner diameter of 14" and minimum wall thickness of 5/16". End seals shall be of a masonry cap and located at each end. The contractor shall submit a shop drawing of the casing pipe, including the location and frequency of spacers, to the ENGINEER for approval before ordering materials.

Method of Measurement and Basis of Payment: This work shall be paid for at the contract unit price per FOOT for WATER MAIN CASING PIPE which the price shall include all excavation, equipment and any other necessary items to complete the work as specified herein.

TREE TRIMMING

Description: These items of work shall be performed by an approved vendor as directed by the Engineer and the Village. Tree branches, leaves, and growths shall be cut, trimmed, and pruned as required by the Engineer and the Village, as to prevent any damages that may be caused by construction equipment.

Approved vendor shall be one of the following:

Vendor	Contact Information
Homer Tree Care, Inc	Maggie Kaminska 14000 S. Archer Ave Lockport, IL 60441 P: 815-823-0320 /F: 815-823-0375 Email: maggiekaninska@homertree.com
Smitty's Tree Service, Inc	Charles Schutt 12736 S. Ridgeway Alsip, IL 60803 P: 708-385-2814 /F: 708-385-2833 Email: smittystree@aol.com

Method of Measurement and Basis of Payment: Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract unit price per EACH for TREE TRIMMING, which price shall include all required materials, equipment, and labor as necessary to complete this work as specified.

TRENCH BACKFILL (SPECIAL)

Description. The provisions of Section 208 of the "Standard Specifications for Road and Bridge Construction" shall be modified such that the material used for trench backfill shall be CA-6 coarse aggregate. The trench backfill shall be compacted only by Method 1, as defined in Article 550.07 of the Standard Specifications, which states the material shall be deposited in uniform lifts not exceeding 12 inches in depth (loose measure), and each lift shall be compacted by ramming or tamping with tools approved by the ENGINEER. Jetting of the trench will not be acceptable without prior written approval from

the Owner or their Public Works Department. All material and placement shall be in accordance with IDOT Policy Memorandum 11-08.4.

Materials. All materials shall be in accordance with Sections 208 and 1003 of the "Standard Specifications for Road and Bridge Construction" and shall be approved by the Engineer prior to placement. Furnished TRENCH BACKFILL (SPECIAL) material shall be produced from an IDOT-approved site. All material must be of sound durable aggregate and completely free of all deleterious material, such as wood, wood chips, brush, plastic, etc.

Removal of TRENCH BACKFILL (SPECIAL) prior to PATCHES of the type and thickness specified, or reconstruction of the roadway, shall be considered incidental to this pay item.

Any material conforming to the requirements of Articles 1003.03 or 1004.05 which has been excavated from on-site trenches shall be used for backfilling the trenches. No compensation shall be made for TRENCH BACKFILL (SPECIAL) for the portion of the trench backfilled with excavated material. Excavated material must meet all specifications and requirements as stated herein to the approval of the Engineer.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per CUBIC YARD for TRENCH BACKFILL (SPECIAL) which price shall include all material, equipment, and labor necessary to place and compact the trench backfill as specified. The quantity of trench backfill for payment shall be determined by using the method of measurement defined in Article 208.03 (b) of the Standard Specifications. Material coming from an un-approved source shall not be paid for and shall be removed from the project site at no cost.

EXPLORATION TRENCH (SPECIAL)

Description: This work shall consist of excavating a trench for the purpose of locating existing utilities within the construction limits of the proposed improvement in accordance with Section 213 of the STANDARD SPECIFICATIONS and as directed by the Engineer.

Requirements: The depths of the exploration trench will vary depending on the depths of the existing utilities. All trench backfill and pavement replacement will included in the cost of this work.

Method of Measurement and Basis of Payment: This work shall be paid for at the contract unit price per FOOT for EXPLORATION TRENCH, SPECIAL which the price shall include all excavation, equipment and any other necessary items to complete the work as specified herein.

HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"

Description: This item of work shall comply with the applicable portions of Sections 406 and 440 of the Standard Specifications except as follows:

This work shall occur at locations shown on the plans and as specified by the ENGINEER and shall consist of grading and compacting the proposed 6" Aggregate Base Course, Type B, using extra aggregate fill as needed (no pavement grindings allowed), and paving with three inches (3") of HMA Surface Course, Mix "D", N50. The Surface shall be installed in two lifts with each lift not less than 1.5". This item shall occur

within seven days of the stripping of the concrete curb or sidewalk forms.

Where the asphalt driveway is an overlay of a concrete driveway, no extra compensation will be given for removal of the concrete base or placement of CA-6 aggregate to bring up to proper elevation 3" below proposed surface.

Sawcutting is the only permitted method for cutting butt joints in existing or new pavement. All butt joints shall be cut vertically, straight, and shall be free of debris. Jack hammering of butt joints is not permitted.

Where new driveway will be wider than existing driveway, CONTRACTOR shall excavate existing topsoil to provide 4" of compacted CA-6 prior to placing Driveway Pavement. Payment for this work shall be included in the unit price for this pay item.

This item of work shall comply with the applicable portions of Sections 406 and 440 of the Standard Specifications except as follows:

Prior to placing the driveway pavement, the CONTRACTOR will remove unsuitable sub-grade material and place any additional compacted CA-6 material, conforming to grade 8 or grade 9, to bring the sub-grade to proper elevation. The bituminous driveway pavement, of the specified thickness, shall be N50, Mix "D", meeting the requirements in Section 406 of the Standard Specifications.

Method of Measurement and Basis of Payment: This work will be paid for at the contract unit price per SQUARE YARD for HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" of the thickness specified, which price shall be payment in full for constructing this item as specified herein, including any additional excavation, CA-6, and all saw cutting, as well as all labor, material, and equipment necessary to complete this work as specified herein. The payment area shall be the final installed width of only the driveway area where work was performed.

SANITARY SEWER REMOVAL (8", 10")

Description: This work shall consist of the removal of 8" and 10" sanitary sewers as shown in the plans and as directed by the ENGINEER.

Requirements: Contractor shall take measures to prevent ground or surface water from entering existing sanitary sewers when performing this work. A water tight plug shall be installed at the end of the existing sanitary sewer and shall remain in place until the proposed sanitary sewer has been accepted the test and authorized by the municipality and/or MWRD.

Method of Measurement and Basis of Payment: This work shall be paid for at the contract unit price per FOOT for SANITARY SEWER REMOVAL 8" or SANITARY SEWER REMOVAL 10".

CONNECTION TO EXISTING WATERMAIN (6", 8", 12")

Description: This work shall consist of connecting proposed water main to existing watermain, as well as securing new fittings and connections. This shall include furnishing and installing all tees, bends, crosses, reducers and retainer glands necessary to complete the Ductile Iron Watermain Installation, and any

watermain, tees, crosses, bends, reducers, retainers or other removals as necessary.

All fittings shall be ductile iron, mechanical joint in accordance with AWSI/AWWA C153/A21.53 and ANSI/AWWA C111/A 21.11 installed using Corten T-bolts and nuts. Fittings shall be cement-lined and seal coated in accordance with ANSI/AWWA C104/A21.4. The working pressure rating shall be 350 psi. All joints between the water main pipe and fitting shall be restrained using Mega Lugs by EBAA Iron or an approved equal.

Any fittings not shown on the plans, but in the opinion of the ENGINEER, are found necessary to be installed due to unanticipated underground obstructions will also be measured for payment. The CONTRACTOR will be required to maintain a list of all items used and provide an invoiced weight for payment purposes.

Testing and disinfecting of fittings shall be as specified elsewhere herein.

Construction: The work shall include mechanical fittings, sawcutting, excavation, and all labor and other materials necessary to complete the connections.

Method of Measurement: Connection to existing watermain shall be paid at the quantity of one each per location shown on the plans, which shall also include any required temporary tees or connections to facilitate the work. Trench backfill shall be paid for separately as TRENCH BACKFILL (SPECIAL).

Basis of Payment: This work shall be paid for at the contract unit price per EACH for CONNECTION TO EXISTING WATER MAIN, of the size specified.

VALVE VAULTS TO BE REMOVED

Description: This item shall consist of the removal of the existing water valve vaults, as shown on the plans. Removal shall include the excavation and physical removal and disposal of the valve vaults.

For valve vaults located outside the limits of the roadway, the removal shall include the excavation and physical removal of the structures, backfilling the void left by the valve vaults with earthen backfill, and any restoration work to the area.

For valve vaults located within the limits of the roadway, the removal and replacement of the asphalt pavement shall be paid for incidentally. The removal shall include the excavation and physical removal of the valve vaults and backfilling the void left by the valve vaults with TRENCH BACKFILL (SPECIAL). TRENCH BACKFILL (SPECIAL) needed to complete the removal shall be considered included in the cost of VALVE VAULTS TO BE REMOVED.

Basis of Payment: Valve vault removal shall be paid for at the contract unit price per EACH for VALVE VAULTS TO BE REMOVED. This Contract unit price shall be payment in full for all materials, labor, and equipment required for: site preparation; excavation; disposal of excess excavated materials; capping water mains which will remain in operation; thrust-blocking; backfill placement, compaction and compaction testing; testing/ inspection; correction of defects; stockpiling reclaimed hydrants, valves, and auxiliary valves; and, all related work required to complete the installation which is not included in other Payment Items.

CUT AND CAP EXISTING WATER MAIN

Description. This work shall consist of the furnishing of all labor, tools, and equipment necessary to locate and disconnect an existing water main that is to be abandoned and taken out of service upon. All work shall be in accordance with the "Standard Specifications for Water and Sewer Main Construction in Illinois". This work will be paid for one time per disconnection location.

Construction Requirements. The contractor shall coordinate a minimum of 24 hours in advance with the water superintendent for a shutdown connection of the existing water main within the area affected by this work. All materials shall be on hand before work is undertaken to ensure that a minimum of time is necessary to complete the work required on the plans. **Only Water Department Personnel** will oversee closing system valves, but the contractor will lend any assistance necessary to expedite the shutdown.

The contractor will also be required to furnish all pipe fittings, required jointing materials, and all work necessary to complete the connection as specified. This includes but not limited to any necessary plugs and corporation stops. All fittings and pipe that are installed under this item shall be placed on a granular bedding a minimum of six inches (6") in thickness. In addition, whenever a connection is made and a portion of the existing system will not be subject to the chlorination procedure for the new main, the contractor shall provide tablet disinfection procedures as described in Section 41-2.14C (3) of the "Standard Specifications for Water and Sewer Main Construction in Illinois". Any granular backfill or items required for restoration (i.e. pavement patches, sodding, etc.) will be paid for incidentally. After the connection has been made, a visual inspection shall be made for leaks under system pressure, irrespective of the pressure test that is required under other provisions in the contract. If no visual leaks are detected, the excavation shall be backfilled with materials as directed by the ENGINEER.

Basis of Payment. The work shall be paid for at the contract unit price per EACH for CUT AND CAP EXISTING WATER MAIN (of the diameter specified), which price shall be payment in full for all work as specified. Any existing water main removed as part of the work will be included. Trench backfill, patching, sodding, or any other restoration shall be incidental to this work.

BRICK DRIVEWAY REMOVAL AND REPLACEMENT

Description: This work shall consist of removing and replacing bricks within the driveway.

Requirements: The bricks shall be cleaned, placed on pallets, and stored by the Contractor. Cleaning shall consist of removing all debris, mud, markings, etc. with water and a brush.

The bricks shall be placed on a 1-inch layer of sand, gradation FA-2 over 6-inches of compacted aggregate subbase, type b. The 1-inch layer of sand shall be compacted with a hand compactor so that the finish is free of all undulations, ruts, fire marks and depressions. Prior to the placement of the bricks the ENGINEER shall inspect the portion of driveway to receive the bricks. The CONTRACTOR shall repair any areas deemed necessary by the ENGINEER by adding additional sand and compacting the area.

The pattern of the bricks shall be identical to the pre-existing condition of the driveway prior to construction. Any damaged bricks shall be disposed of and will not be permitted to be installed. The ENGINEER shall inspect the bricks prior to installation. Any bricks deemed unsuitable for installation shall be properly disposed of. If a shortfall of bricks is encountered, the CONTRACTOR shall furnish additional bricks to

match the existing bricks. No additional compensation will be made for transporting and installing additional bricks.

Method of Measurement and Basis of Payment: This work will be paid for at the contract price per SQUARE YARD for BRICK DRIVEWAY REMOVAL AND REPLACEMENT, which price shall be payment in full for removing, cleaning, stacking, transporting and replacing the brick driveway, transporting and installing additional bricks if required, furnishing and installing the bedding layer of sand and subbase and all labor, equipment and materials necessary to complete the work as specified herein.

SAFETY FENCE

Description: This work shall consist of installing a 4' temporary safety fence along the easement of the British Petroleum (BP) pipeline, as specified by BP.

Construction: Installation of the safety fence shall be done in accordance to instructions from BP. Safety fence must be placed so that construction equipment cannot cross into the easement of the BP pipeline, an shall extend past the intended area of construction.

Method of Measurement and Basis of Payment: This work shall be paid for at the contract unit price per FOOT for SAFETY FENCE REMOVAL, and shall include costs for all labor, materials, or equipment necessary to complete the installation.

REMOVE AND REPLACE CURB AND GUTTER (SPECIAL)

Description: This work shall consist of removing and replacing combined curb and gutter at all locations as indicated by the plans. The type of installed curb and gutter shall be identical to the type removed at all locations.

Construction: The work shall be done in accordance with section 606 of the "Standard Specifications for Road and Bridge Construction." Additionally, all HMA surface, base, or base course layers removed during the removal of the existing curb and gutter shall be replaced incidentally to the specification herein.

Method of Measurement and Basis of Payment: This work shall be measured and paid for at the contract price per FOOT for REMOVE AND REPLACE CURB AND GUTTER (SPECIAL). This shall include all work, labor, materials, and equipment for the installation of the curb and gutter and all HMA layers removed adjacent.

STABILIZED CONSTRUCTION ENTRANCE

Description. This work shall consist of furnishing and installing a stabilized pad of aggregate underlain with filter fabric as shown on the plans or directed by the ENGINEER.

Materials. Materials shall conform to the following:

Aggregate size: IDOT Coarse Aggregate Graduation: CA-3 per Section 1004.

Filter Fabric shall consist of synthetic polymers composed of at least 85 percent by weight polypropylene, polyesters, polyamides, polyethylene, polyolefins, or polyvinylidene-chlorides. The geotextile shall be free of any chemical treatment or coating that significantly reduces its porosity. Fibers shall contain stabilizers and/or inhibitors to enhance resistance to ultraviolet lights.

Construction Requirements. The course aggregate shall be a thickness of 6 inches or more. The stone entrance should not be filled until the area has been inspected and approved by the ENGINEER.

The rock shall be dumped and spread into place in approximately horizontal layers not more than 3 feet in thickness. It shall be placed in a manner to produce a reasonable homogeneous stable fill that contains no segregated pockets or larger or small fragments or large unfilled space caused by bridging of larger fragments. No compaction will be required beyond that resulting from the placing and spreading operations.

The minimum width and length shall be 20 and 50 feet, respectively.

All surface water flowing or diverted toward the construction entrance shall be piped across the entrance. Any pipe used for this will be considered incidental to the stabilized construction entrance.

At the conclusion of the work, all aggregate and filter fabric shall be removed, and any earth removed is to be replaced. This restoration work shall be considered incidental to the stabilized construction entrance.

Measurement and Payment. The work shall be paid for at the contract unit price per EACH for STABILIZED CONSTRUCTION ENTRANCE, which price shall be payment in full for all material, labor, and any other items required to construct and remove the entrance. Seeding as part of any restoration work shall be paid for separately.

CONSTRUCTION LAYOUT

The ENGINEER will provide adequate reference points to the baseline of survey and benchmarks as shown in the plans and listed herein. Any additional control points set by the ENGINEER will be identified in the field to the CONTRACTOR and all field notes will be kept in the office of the ENGINEER.

The CONTRACTOR shall provide field forces, equipment and materials to set all additional stakes for this project, which are needed to establish offset stakes, reference points, and any other horizontal or vertical controls, including supplementary benchmarks, necessary to secure a correct layout of the work. Stakes for line and grade shall be set at sufficient station intervals (not to exceed 15 m (50 ft.)) to assure substantial conformance to plan line and grade. The CONTRACTOR will not be required to set additional stakes to locate a utility line which is not included as a pay item in the contract.

The CONTRACTOR shall be responsible for having the finished work substantially conform to the lines, grades, elevations and dimensions called for in the plans. Any inspection or checking of the CONTRACTOR's layout by the ENGINEER and the acceptance of all or any part of it shall not relieve the CONTRACTOR of his/her responsibility to secure the proper dimension, grades and elevations of the several parts of the work. The CONTRACTOR shall exercise care in the preservation of stakes and benchmarks and shall have them reset at his/her expense when any are damaged, lost, displaced or removed or otherwise obliterated.

Responsibility of the CONTRACTOR

- a. The CONTRACTOR shall establish from the given survey points and benchmarks all the control points necessary to construct the individual project elements. S(he) shall provide the ENGINEER adequate control in close proximity to each individual element to allow adequate checking of construction operations. This includes, but is not limited to, line and grade stakes, line and grade nails in form work, and/or filed or etched marks in substantially completed construction work.

It is the CONTRACTOR's responsibility to tie in baseline control points in order to preserve them during construction operations.

- b. The CONTRACTOR shall be responsible for locating and marking the limits of the project prior to the installation of silt fence.
- c. At the completion of the grading operations, the CONTRACTOR will be required to set stakes at 30 m (100 ft.) station intervals along each profile grade line. These stakes will be used for final cross sectioning by the ENGINEER.
- d. All work shall be in accordance with normally accepted self-checking surveying practices. Field notes shall be kept in standard survey field notebooks and those books shall become the property of the ENGINEER at the completion of the project. All notes shall be neat, orderly and in accepted form.

Method of Measurement: No separate measurement will be made for CONSTRUCTION LAYOUT.

Basis of Payment: This work will be paid for at the contract LUMP SUM price for CONSTRUCTION LAYOUT, which shall be payment in full for all labor, materials, transportation, and incidentals necessary to furnish, install, maintain, replace, and relocate all control and stationing points for the duration of the project.

STORM SEWER (WATER MAIN REQUIREMENTS)

Description. This item shall consist of constructing water main quality storm sewers as shown in the plans in and as directed by the engineer in the field. This work will be done in accordance with the applicable portions of Section 561 of the STANDARD SPECIFICATIONS, Section 41 of the WATER AND SEWER MAIN SPECIFICATIONS, the details provided in the plans, and as specified herein.

Construction Requirements. The storm sewers shall be Poly Vinyl Chloride (PVC) in accordance with AWWA C-900 or approved equal.

The storm sewers shall be handled in such a manner as to prevent damage to the pipe or coating. A canvas strap shall be used to lower the storm sewers into the trench to avoid damaging the pipe. Accidental damage to the pipe or coating shall be repaired to the satisfaction of the ENGINEER, or be removed from the job, and the methods of handling shall be corrected to prevent further damage when called to the attention of the CONTRACTOR.

The pipe shall be inspected by the ENGINEER for defects prior to installation. Dirt or other foreign material

which might prevent a watertight seal between pipe sections shall be removed to the satisfaction of the ENGINEER prior to installation. If any pipe end or gasket has been installed with dirt or foreign material therein, it shall be removed, cleaned and reinstalled.

Non-shear rubber couplings shall be used to connect the new pipe to existing pipe in accordance with standard ASTM D-3139

Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract unit price per FOOT for STORM SEWER (WATER MAIN REQUIREMENTS), of the diameter specified, measured in place. This price shall include the cost of all pipe, joint materials, excavation, non-shear rubber couplings, and any other materials, labor, and equipment necessary to complete the work as specified herein. Backfill shall be paid for as specified for TRENCH BACKFILL (SPECIAL).

SANITARY SEWER (8", 10") (WATER MAIN QUALITY)

Description. This item shall consist of constructing water main quality sanitary sewers as shown in the plans and as directed by the engineer in the field. This work will be done in accordance with the details provided in the plans, and as specified herein.

Construction Requirements. The sanitary sewers shall be Poly Vinyl Chloride (PVC) in accordance with AWWA C-900 or approved equal.

The sanitary sewers shall be handled in such a manner as to prevent damage to the pipe or coating. A canvas strap shall be used to lower the sanitary sewers into the trench to avoid damaging the pipe. Accidental damage to the pipe or coating shall be repaired to the satisfaction of the ENGINEER, or be removed from the job, and the methods of handling shall be corrected to prevent further damage when called to the attention of the CONTRACTOR.

The pipe shall be inspected by the ENGINEER for defects prior to installation. Dirt or other foreign material which might prevent a watertight seal between pipe sections shall be removed to the satisfaction of the ENGINEER prior to installation. If any pipe end or gasket has been installed with dirt or foreign material therein, it shall be removed, cleaned and reinstalled.

Non-shear rubber couplings shall be used to connect the new pipe to existing pipe in accordance with standard ASTM D-3139.

Sanitary sewers shall be tested and must be approved by the municipality and/or the MWRD.

Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract unit price per FOOT for SANITARY SEWER, (WATER MAIN QUALITY), for the specified diameter measured in place. This price shall include the cost of all pipe, joint materials, excavation, non-shear rubber couplings, and any other materials, labor, and equipment necessary to complete the work as specified herein. Backfill shall be paid for as specified for TRENCH BACKFILL (SPECIAL).

(12", 36") FLARED END SECTION WITH GRATE

Description: This work shall consist of the installation of prefabricated reinforced concrete flared end sections at the locations specified in the plans. Grates covering the entirety of the flared end section shall be installed as well.

Construction: Flared end sections are to be installed at a location whereas to expose the least amount of storm sewer, while maintaining the grading of the detention pond. Any additional labor, materials, equipment, or excavation required to connect the flared end sections to the existing storm sewer shall be included in this item.

Method of Measurement and Basis of Payment: This work shall be paid for at the contract unit price per EACH for FLARED END SECTION WITH GRATE of the diameter specified.

AS-BUILT DRAWINGS

Description: At the completion and acceptance of the work, the CONTRACTOR shall perform a survey of the project.

The survey shall provide, at a minimum, the following information:

1. As-Built locations and elevations, including rims and depths of cover, of the proposed watermain improvements, using the base sheets of the of the design drawings as reference.
2. The minimum scale shall be 1" = 50 feet.
3. The as-built drawings must be stamped by a Professional Engineer or Land Surveyor licensed in the State of Illinois.

The CONTRACTOR will deliver to the Village two copies of the as built in a PDF format on 11 by 17 (half size) plan sheets and two copies of the computer files in Autocad's latest version on a CD disc. The CONTRACTOR must also make the files compatible with GIS software before delivery to the VILLAGE.

Measurement and Basis for Payment: This item will be paid for at the contract lump sum (L SUM) price for AS-BUILT DRAWINGS, which price shall be payment in full for all services, materials, labor and other items to complete the work.

ASPHALT PATH REMOVAL AND REPLACEMENT

Description: This work shall consist of removing, to full depth, hot mix asphalt path in accordance with section 440 of the "Standard Specifications for Road and Bridge Construction."

Construction: The work shall include all components in accordance to section 440 in the standard specifications, and all labor, materials, or equipment necessary to complete the asphalt path.

Method of Measurement and Basis of Payment: This work shall be paid for at the lump sum price per

SQUARE YARD for HOT-MIX PATH REMOVAL AND REPLACEMENT.

CASING PIPE

Description: This work shall consist of all work and materials required for the construction and installation of a CASING PIPE to serve as a conduit for the placement of storm sewer pipe under the utility as required.

CASING PIPE shall be installed where the water main is crossing the BP pipeline. A MINIMUM of 2 feet separation between the top of the casing pipe and the bottom of the BP pipeline is required.

Construction: The CASING PIPE shall be made of steel, and shall be in accordance with Section 20-2.19C of the SSWSMCI, the applicable detail, and any BP requirements. The steel casing shall have an inner diameter of 14" and minimum wall thickness of 5/16". End seals shall be of a masonry cap and located at each end. The contractor shall submit a shop drawing of the casing pipe, including the location and frequency of spacers, to the ENGINEER for approval before ordering materials.

Method of Measurement and Basis of Payment: This work shall be paid for at the contract unit price per FOOT for CASING PIPE which the price shall include all excavation, equipment and any other necessary items to complete the work as specified herein.

GABION MATTRESS

Description: This work shall consist of all work and materials required for the assembly and installation of GABION MATTRESS at the locations as shown in the plans or as specified by the ENGINEER.

The gabion mattresses shall be six feet by 3 feet, with a thickness of 12". The mattresses may be combined into units of 3 or four or left as single baskets.

Construction: The GABION MATTRESS shall consist of rectangular wire mesh formed containers filled with rock. Wire mesh shall be welded with a uniform square or rectangular pattern and shall have a resistance weld at each intersection. The welded connections shall conform to the requirements of ASTM A185, including wire smaller than W1.2 (0.124 in.); except that the welded connections shall have minimum average shear strength of 70% and minimum shear strength of 60% of the minimum ultimate tensile strength of the wire. The wire mesh shall be galvanized before forming into mesh.

Materials: Gabions shall be fabricated, assembled and installed in accordance with the nominal wire sizes and dimensions found in Table 1, using the following materials. Wire for fabrication and assembly shall be hot-dipped galvanized. The wire shall have a minimum tensile strength of 60,000 psi. Galvanized steel wire shall conform to ASTM A 641, Class 3, and Soft Temper.

TABLE 1: GABION MATTRESS MINIMUM REQUIREMENTS

Type of Wire	Mesh Size (inches)	Wire Diameter (inches)	PVC Coating (inches)	Total Diameter (inches)	Galvanized Coating oz./SF
Lacing Wire	1 ½ x 3	0.086	0.02	0.126	0.70
Welded Mesh		0.086		0.120	0.70
Spiral Binder		0.105		0.145	0.80

- i) The wire sizes include the galvanizing coating thickness.
- ii) When Polyvinyl Chloride (PVC) coated wire is specified, the galvanized wire shall be coated by fusion bonded PVC material. The wire coating shall be colored black, gray, green or silvery; and the initial properties of the PVC coating shall meet the following requirements:
 - iii) Specific Gravity. In the range of 1.30 to 1.40, ASTM D 792.
 - iv) Abrasion Resistance. The percentage of weight loss shall be less than 12%, when tested according to ASTM D 1242, Method B at 200 cycles, CSI-A Abrader Tape, 80 Grit.
 - v) Brittleness Temperature. Not higher than 15°F, ASTM D 746.
 - vi) Tensile Strength. Extruded Coating (not less than 2,980 psi. ASTM D 412). Fusion Bonded Coating (not less than 2275 psi. at 100 percent strain, ASTM D 638).
 - vii) Modulus of Elasticity. Extruded Coating (not less than 2,700 psi. at 100 percent strain, ASTM D 412). Fusion Bonded Coating (not less than 1980 psi. at 100 percent strain, ASTM D 638).
 - viii) Ultraviolet Light Exposure. A test period of not less than 3,000 hours, using apparatus type E at 63 C, ASTM G 23.
- ix) Salt Spray Test. A test period of not less than 3000 hours, ASTM B 117.

After the exposure to ultraviolet light and the salt spray test as specified above, the PVC coating shall not show cracks, blisters, splits, nor noticeable change of coloring (surface chalk). In addition, the specific gravity shall not change more than six (6) percent, resistance to abrasion shall not change more than ten (10) percent, and tensile strength shall not change more than 25 percent from their initial values.

The wire sizes shown in Table 1 are the size of the wire after galvanizing and before coating with PVC. Spiral binders are the standard fastener for welded-mesh gabion mattresses and shall be formed from wire meeting the same quality and coating thickness requirements as specified for the gabion mattresses.

Alternate fasteners for use with wire mesh gabions, such as ring fasteners, shall be formed from wire meeting the same quality and coating thickness requirements as specified for the gabions. Test results must be provided to certify that the ring fasteners provide the joint strength required.

Standard fasteners and alternate fasteners must provide a minimum strength of 900 lbs. per lineal foot for gabion mattresses. When used to interconnect gabion mattresses with PVC coating, ring fasteners shall be made of stainless steel and spiral fasteners shall be PVC coated. All fasteners shall meet all of the closing requirements of the gabion manufacturer.

Rock shall conform to the quality requirements as follows and at least 85 percent of the rock particles, by weight, shall be within the predominant rock size range. Recycled concrete may be used in lieu of the specified aggregate at the engineer's discretion. For the mattresses specified within the plans, the minimum rock dimension is 3 inches and the maximum is 5 inches.

At least 30 days prior to delivery to the site, the Contractor shall inform the engineer in writing of the source from which the rock will be obtained, and include the test data and other information by which the material was determined by the Contractor to meet the specification. The Contractor shall provide the engineer free access to the source for the purpose of obtaining samples for testing and source approval.

Bedding or filter material shall meet the gradation shown on the plans. Filter fabric shall be laid under the bottom each mattress, and wrapped around the perimeter of the combined mattress area. Bedding shall be installed under each mattress and as required to return to ground to an appropriate grade for installation. Bedding shall be made of CA-7 stone and shall have a minimum depth of four inches.

Assembly and Placement

The assembly and placement of gabions shall be in accordance with the following procedures:

Assembly. Rotate the gabion panels into position and join the vertical edges with fasteners for gabion assembly. Where lacing wire is used, wrap the wire with alternating single and double half hitches at intervals between four (4) to five (5) inches. Where spiral fasteners are used, crimp the ends to secure the spirals in place. Where ring type alternate fasteners are used for basket assembly, install the fasteners at a maximum spacing of 6 inches. Use the same fastening procedures to install interior diaphragms where they are required.

Interior diaphragms will be installed to assure that no open intervals are present that exceeds three (3) feet. Rectangular cells are allowed with dimensions 36" in one direction and not to exceed 72" in the perpendicular direction.

Placement. Place the empty gabions on the foundation and interconnect the adjacent gabions along the top, bottom, and vertical edges using lacing wire or spirals. Wrap the wire with alternating single and double half hitches at intervals between four (4) to six (6) inches. Spiral fasteners are commonly used for the assembly and interconnection of welded mesh gabions. Spirals are screwed down at the connecting edges then each end of the spiral is crimped to secure it in place. Lacing may be used as needed to supplement the interconnection of welded mesh gabions, and the closing of lids.

Interconnect each layer of gabions to the underlying layer of gabions along the front, back, and sides. Stagger the vertical joints between the gabions of adjacent rows and layers by at least one-half of a cell length.

Filling Operation

After adjacent empty wire gabion units are set to line and grade and common sides properly connected, they shall be placed in straight-line tension to gain a uniform alignment. Staking of the gabions may be done to maintain the established proper alignment prior to the placement of rock. No temporary stakes shall be placed through geotextile material. Connecting lacing wire and other fasteners (as allowed) shall be attached during the filling operation to preserve the strength and shape of the structure.

Internal connecting cross-tie wires shall be placed in each unrestrained gabion cell greater than 18 inches in height, including gabion cells left temporarily unrestrained. Two internal connecting wires shall be placed concurrently with rock placement, at each 12-inch interval of depth.

In welded mesh gabions these crossties or stiffeners will be placed across the corners of the gabions (at 12

inches from the corners) providing diagonal bracing. Lacing wire or preformed wire stiffeners may be used.

The gabions shall be carefully filled with rock, either by machine or hand methods, ensuring alignment, avoiding bulges, and providing a compact mass that minimizes voids. At no point in the filling process may rock be mechanically placed from a height of over 36" from machine to fill area. Machine placement will require supplementing with handwork to ensure the desired results. The cells in any row shall be filled in stages so that the depth of rock placed in any one cell does not exceed the depth of rock in any adjoining cell by more than 12 inches. Along the exposed faces, the outer layer of stone shall be carefully placed and arranged by hand to ensure a neat, compact placement with a uniform appearance.

The last layer of rock shall be uniformly leveled to the top edges of the gabions. Lids shall be placed over the rock filling using only approved lid closing tools as necessary. The use of crowbars or other single point leverage bars for lid closing is prohibited due to the potential for damage to the mattresses.

The gabion lid shall then be secured to the sides, ends, and diaphragms with spiral binders, approved alternate fasteners, or lacing wire wrapped with alternating single and double half hitches in the mesh openings.

Any damage to the wire or coatings during assembly, placement and filling shall be repaired promptly in accordance with the manufacturer's recommendations or replaced with undamaged gabion mattresses.

Method of Measurement and Basis of Payment: This work shall be paid for at the contract unit price per CUBIC YARD for GABION MATTRESS which the price shall include all excavation, rock fill, filter fabric, bedding, equipment and any other necessary items to complete the work as specified herein.

ITEMS ORDERED BY ENGINEER

Description: This work shall consist of an allowance for the ENGINEER to use for various items of work which may be required due to unforeseen construction issues. This amount will be used at the Engineer's discretion. The Contractor will be required to provide backup information to the Village for this work. Any dollars not used will not be paid to the Contractor at final payout.

Contractor is instructed to use one dollar (\$1) for the unit cost.

PLUG AND BLOCK EXISTING SEWER

Description. This work shall consist of the furnishing of all labor, tools, and equipment necessary to disconnect an existing storm sewer that is to be abandoned. This work will be paid for one time per disconnection location.

Construction Requirements. The contractor will be required to furnish all jointing materials, and work necessary to complete the connection as specified. This includes but not limited to any necessary plugs and corporation stops.

Basis of Payment. The work shall be paid for at the contract unit price per EACH for PLUG AND BLOCK EXISTING SEWERS (of the diameter specified), which price shall be payment in full for all work as specified.

PRECAST CONCRETE BOX CULVERT END SECTION – 3'X6' WITH GRATE

Description: This work shall consist of installing a precast reinforced concrete box culvert end section with grate of the size 3'x6'. The grate should cover the entirety of the end section. All work shall be done in accordance with Sections 540 and 542 of the Standard Specifications and the applicable IDOT Highway Standards. The Contractor shall submit a shop drawing for review and approval by the Engineer prior to ordering materials.

Method of Measurement and Basis of Payment: This work shall be measured and paid for at the contract unit price per EACH for PRECAST CONCRETE BOX CULVERT END SECTION - 3'X6', which price shall constitute payment in full for all labor, materials, equipment, and incidentals necessary to complete the work as specified herein.

REMOVE EXISTING BASEBALL FIELDS

Description: This item shall include the removal of the existing baseball fields. The CONTRACTOR shall remove any sand, chain-link fence, concrete slabs, seating, and any other items in the locations shown on the plans, at the discretion of the ENGINEER.

The CONTRACTOR shall defer to the VILLAGE for the disposal method for the removed items. No additional reimbursement shall be made to the CONTRACTOR if the VILLAGE chooses to salvage any or all of the removed materials and/or items.

Method of Measurement and Basis of Payment. This item shall be paid for at the contract unit price per LUMP SUM for REMOVE EXISTING BASEBALL FIELDS, which price shall be payment in full for all services, materials, labor and other items to complete the work.

SANITARY SEWER 8" (DUCTILE IRON)

Description. This item shall consist of constructing ductile iron sanitary sewers as shown in the plans and as directed by the engineer in the field. This work will be done in accordance with the details provided in the plans, and as specified herein.

Construction Requirements. The sanitary sewers shall be made of ductile iron.

The sanitary sewers shall be handled in such a manner as to prevent damage to the pipe or coating. A canvas strap shall be used to lower the sanitary sewers into the trench to avoid damaging the pipe. Accidental damage to the pipe or coating shall be repaired to the satisfaction of the ENGINEER, or be removed from the job, and the methods of handling shall be corrected to prevent further damage when called to the attention of the CONTRACTOR.

The pipe shall be inspected by the ENGINEER for defects prior to installation. Dirt or other foreign material which might prevent a watertight seal between pipe sections shall be removed to the satisfaction of the ENGINEER prior to installation. If any pipe end or gasket has been installed with dirt or foreign material

therein, it shall be removed, cleaned and reinstalled.

Non-shear rubber couplings shall be used to connect the new pipe to existing pipe in accordance with standard ASTM D-3139.

Sanitary sewers shall be tested and must be approved by the municipality and/or the MWRD.

Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract unit price per FOOT for SANITARY SEWER 8" (DUCTILE IRON), for the specified diameter measured in place. This price shall include the cost of all pipe, joint materials, excavation, non-shear rubber couplings, and any other materials, labor, and equipment necessary to complete the work as specified herein. Backfill shall be paid for as specified for TRENCH BACKFILL (SPECIAL).

STORM SEWER, 3'X6' BOX CULVERT

Description: This item shall consist of constructing Three foot by six foot box storm sewers as shown in the plans in and as directed by the ENGINEER in the field. This work will be done in accordance with the applicable portions of Section 561 of the STANDARD SPECIFICATIONS, Section 41 of the WATER AND SEWER MAIN SPECIFICATIONS, the details provided in the plans, and as specified herein.

Construction Requirements. The box culverts shall be made of precast concrete. The storm sewers shall be handled in such a manner as to prevent damage to the box culvert. Canvas straps shall be used to lower the storm sewers into the trench to avoid damaging the culvert. Accidental damage shall be repaired to the satisfaction of the ENGINEER, or be removed from the job, and the methods of handling shall be corrected to prevent further damage when called to the attention of the CONTRACTOR.

The box culvert shall be inspected by the ENGINEER for defects prior to installation. Dirt or other foreign material which might prevent a watertight seal between box sections shall be removed to the satisfaction of the ENGINEER prior to installation. If any culvert end or gasket has been installed with dirt or foreign material therein, it shall be removed, cleaned and reinstalled.

Non-shear rubber couplings shall be used in accordance with standard ASTM D-3139.

Contractor shall submit a shop drawing for review and approval by the ENGINEER prior to ordering materials.

Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract unit price per FOOT for STORM SEWER, 3'X6' BOX CULVERT, measured in place. This price shall include the cost of all box culvert, joint materials, excavation, non-shear rubber couplings, and any other materials, labor, and equipment necessary to complete the work as specified herein. Backfill shall be paid for as specified for Trench Backfill.

WATER SERVICE REPLACEMENT, WITH NEW BUFFALO BOX, LONG SIDE WATER SERVICE REPLACEMENT, WITH NEW BUFFALO BOX, SHORT SIDE

Description. This work consists of replacing existing water services from the main to the new buffalo box.

Replacement of private side lead water services will be paid for separately.

General. This work shall be completed in accordance with Section 562 of the Standard Specifications and Section 41-2.11 of the Water and Sewer Specifications. New service lines shall be installed from the existing water main to the water service box. The work shall include the replacement of all existing service boxes and reconnection of the existing services lines to the new service box. The Contractor shall provide the fittings necessary to connect new service boxes to the existing lines, regardless of the material composition of existing service lines which may include lead, copper, galvanized iron, or other materials. For this project, "Long Side" shall be defined as any connection crosses the center line of the street, shown in the plans as the alignment line, or any connection made from locations in the 'bulb' of a cul-de-sac. Any other connections shall be defined as the "Short Side." In cul-de-sacs, the connection shall be made on the pipe section closest to the b-box's side of the road, regardless of if the connection is paid as a "Long Side" or a "Short Side."

Construction Requirements. The following items shall be provided for each water service.

1. Service Pipe shall be copper type K conforming to ASTM B88, with flared fittings. Minimum depth shall be four and one half (4- 1/2) ft of cover to finished grade.
2. Corporation stops shall be flared with a plug valve. Accepted Manufacturers are Mueller, Ford, or McDonald.
3. Curb stops shall be flared with a ball valve and Minneapolis pattern. Accepted manufactures are Mueller, Ford, or McDonald.
4. Service boxes shall be Mueller or equivalent.

All services shall require full circle stainless steel tapping clamps. Accepted models are JCM Type 164, or Smith-Blair type 264. The tap should be made at a forty-five (45) degree angle from the top of the main. Service taps shall be made no closer than sixteen (16) inches from other connections, bells, or fittings. The service line should be installed at a ninety (90) degree angle from the water main up to the service box.

All work shall be in accordance with the details noted in the plans. House connections to the existing water main shall be made individually and in as short a time period as possible after testing and disinfection. No water customer shall be without water more than two (2) hours and shall be notified prior to disconnecting service.

Open trenching shall be used for the installation of short side services with a maximum allowable trench width of two feet. Directional boring of long side services shall be used. The Contractor shall "pothole" proposed drill path for all bored services and expose utilities.

All new curb stops and service boxes shall be located in the parkway out of driveways and sidewalks and approximately 2 to 3 feet behind the back of curb. The service box shall be installed over the curb stop and held in a truly vertical position until sufficient backfill has been placed to ensure permanent vertical alignment of the box. The top of the box shall be adjusted and set flush with the established ground surface grade.

The installation of the new curb stops and service boxes and the removal and disposal of the existing curb stops and services boxes will not be paid for separately but shall be included in the cost of WATER SERVICE

REPLACEMENT of the type specified.

Method of Measurement and Basis of Payment. This work shall be measured and paid for at the contract unit price EACH for WATER SERVICE REPLACEMENT, WITH NEW BUFFALO BOX, LONG SIDE, of the diameter specified and WATER SERVICE REPLACEMENT, WITH NEW BUFFALO BOX, SHORT SIDE, of the diameter specified, which payment shall be full compensation for all work, including tapping the existing water main, corporation stops, service box, curb stop, copper water service line, directional drilling of the copper water service line, service line reconnections, bushings, unions, or other fittings to disconnect existing services from the existing water main. The work shall also include all required excavation, backfilling of the trench including trench backfill (aggregate material) under all roadway, driveway, sidewalks etc., in accordance with the typical details in the plans, and aggregate used for temporary access. The work for all other restoration shall be paid for separately.

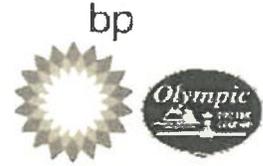
COMED REQUIREMENTS

The CONTRACTOR shall comply with COMED requirements. No additional compensation shall be made for this.

BP REQUIREMENTS

The CONTRACTOR shall comply with BP requirements. No additional compensation shall be made for this. Refer to Supplement #1.

Supplement #1



BP Pipelines (North America), Inc.
30 South Drive
Suite 900
Chicago, IL 60606

BP PIPELINES (NORTH AMERICA) INC. / OLYMPIC PIPE LINE COMPANY GENERAL DESIGN & CONSTRUCTION STANDARDS

BP Pipelines (North America) Inc. (hereinafter referred to as "BP") is committed to environmental stewardship and maintaining the safety of its employees, contractors, and the general public. BP operates pipelines that safely transport various liquids and gasses at high pressure (including, for example, those of the Olympic Pipe Line Company). Construction or excavation work that is performed near pipelines has the potential to be hazardous. As a result, the United States Department of Transportation and the Office of Pipeline Safety regulate such activities. BP has prepared the following list of general standards for working on pipeline rights-of-way.

General Safety Requirements

- Any person who intends to conduct work within a pipeline right-of-way ("Requestor") is required to first call 811, the national "One-Call" number, at least 48 hours (2 working days) * before any construction and/or excavation activities are initiated within the pipeline right-of-way. Alternatively, depending on the state, a Requestor may make a notification online at <http://call811.com/811-your-state>. BP may have a representative present to ensure that there are no conflicts with the pipeline as a result of the work. There is no cost to use the One-Call Notification service. However, failure to utilize the One-Call service is a violation of regulatory requirements and may subject the offender to potential civil penalties** and damages for personal injury and/or destruction of property.

*Some states require additional advance notice. For example, Michigan and Tennessee each require 72 hours (3 working days) prior notice.

**For example, refer to Washington State RCW 19.122.030 and Oregon State OAR 952-001-0060

- To have the pipeline physically located and its depth verified, please contact a BP Right of Way Agent at BPpipelinesROW@bp.com.
- BP requires its representative to be on site when any work is being performed within 25 feet of the pipeline(s) or when the reach of mechanized equipment is capable of extending within twenty-five feet of the pipeline(s). BP requires forty-eight (48) hours' (2 working days) prior notice of any work. Notice to BP does not relieve any Requestor of its obligation to contact the appropriate state One-Call system.
- The Requestor is responsible for taking all necessary safety precautions and will be held responsible for any damages to property or for personal injury caused by the work.

Submitting Plans and Requests to BP

Any proposed project or development that is located in close proximity to BP's pipelines is of concern due to the potential adverse impact to the pipeline's operation and integrity.

BP strongly discourages any request to encroach upon the right of way, easement areas, leased premises or owned properties, whether such areas belong solely to BP, or are BP joint venture locations.

If a Requestor has plans or proposals for development, modification or change in use of land, or of land adjacent to where BP has existing real property interests, BP will review those plans and proposals; however, BP's engagement on these issues should not be construed as BP's approval of a request to encroach upon BP's real property interests. Any time or costs the Requestor incurs or expends in connection with BP's review of such plans and proposals are the Requestor's sole responsibility.

Requestors must have the pipeline location and depth added to their plans and drawings. To avoid project delays, Requestors should submit their plans to BP during the initial planning stages of the project. Plans and drawings should be sent to BP Pipelines (North America) Inc. Attention: Right of Way Department, 30 South Wacker Drive, Suite 900 Chicago, Illinois 60606

Compliance with BP's General Design & Construction Standards does not guarantee BP's final approval of any project. These are considered minimum standards. Each request will be assessed on a case-by-case basis and additional project-specific requirements may apply.

In order to obtain final approval of your submitted project design (or any component thereof), all Requestors must obtain a fully executed Permitted Facilities Agreement and Engineering Approval Letter (or other form of fully executed written agreement appropriate for the proposed encroachment or work activity). Only a BP management employee with the appropriate level of authority is authorized to grant such approval and execute such documents on BP's behalf. Any verbal approval that a Requestor may receive from a contractor, subcontractor or other party does not constitute the required final approval from a BP management employee. If, after fully executed written BP approval is appropriately granted, any drawings or designs are updated or changed, the final approval is invalidated and the Requestor must send the new plans to BP for further review and written approval.

Subdivision Planning

- Neither residential nor commercial lot lines should be placed on the right-of-way. In cases where it is impossible to locate such lot lines outside of the right-of-way, lot lines shall under no circumstances be placed on the pipeline. Any portion of the lot line within a BP right-of-way should be used only as a green space.

General Construction Activities

- To gain access to the job site, the contractor shall submit a plan indicating where construction equipment will cross the pipeline, the depth of the pipe at the crossings, any proposed ramping over the pipeline, and the following specifications for the equipment: type and fully loaded weight of equipment; for tracked equipment – track shoe width and length of track on ground; for wheeled equipment – number of axles (single or tandem axles). BP will perform a stress factor calculation to determine if the equipment can safely cross the pipeline. If crossing of the pipeline is allowed, special measures may need to be taken to ensure the integrity of the pipeline.
- The contractor shall not transport construction materials or equipment longitudinally over the pipeline. Where it is necessary for construction equipment (*i.e.*, tractors, backhoes, dump trucks, etc.) or equipment transporting construction materials to cross the pipeline, the crossing of the pipeline right-of-way shall be at, or as near to, a 90° angle as is feasible.

- No track type construction equipment shall be permitted to pivot or turn directly over the top of the pipeline.
- A scraper or pan type tractor shall not be used for removal of soil within ten feet (10') of the centerline of the pipeline. Rubber tire or small track type equipment is an acceptable alternative.
- A sheepsfoot roller shall not be used for compaction purposes within the BP/CHICAP/OLYMPIC ROW.
- No vibratory rollers shall be used within the BP/CHICAP/OLYMPIC ROW.

Excavation Requirements

- No excavation or construction activity will be permitted in the vicinity of a pipeline until all appropriate communications have been made with BP's field operations and the Right-of-Way Department. A formal engineering assessment may be required.
- No excavation or backfilling should occur within the pipeline right-of-way for any reason unless prior permission is obtained from BP personnel who are on-site and can review the work.
- Any excavation within two feet (2') of the pipeline shall be done by hand, or by other non-mechanical means as approved by BP personnel who are on-site and can review the work.

Structures, Parking Lots, Roads, Driveways, and Fences

- No permanent structures may be constructed on/within/overhanging the pipeline right-of-way (permanent structures shall include, but not be limited to, swimming pools, sheds, fences, earthen berms, bike paths, etc.) Any aboveground structure should be located as far as possible from the pipeline, and it is strongly recommended that none be located within 30' of the pipeline; this provides BP needed access for ongoing maintenance and potential emergency response. *(Requestors must inform the BP Right-of-Way Department as to how close the structure will be to the pipeline right of way, even if the structure itself is off the pipeline right-of-way)*
- For any proposed occupied buildings within 50' of the pipeline, for your consideration, please be advised that US Code of Federal Regulations 195 governing the construction of hazardous liquid pipelines states, "no pipeline may be [installed] within 50 feet of any [existing] private dwelling, industrial building, or place of public assembly in which persons work, congregate, or assemble, unless" the pipeline has 48" of cover. Thus, it is strongly recommended that the 3rd party ensures any hazardous liquid pipeline within 50' of an occupied building has a minimum 48" of cover. This minimum depth of cover is intended to provide increased protection of the pipeline and public in areas of public activity.
- No portion of canopy, building overhang, etc. shall be allowed over the pipeline right-of-way.
- For proposed utility structures within public ROW adjacent to BP pipeline:
 - No utility structures (including, but not limited to, manholes or catch basins) shall be located over the pipeline. A minimum horizontal clearance of twenty-five feet (25') is required between the structure and the pipeline.
 - There shall be a minimum vertical separation of two feet (2') between the pipeline and any underground utility structure constructed on the pipeline right-of-way, regardless of horizontal clearance.

- Development grading should not remove any of the existing ground cover from, nor add fill over the pipeline(s). Any request to increase the cover above BP's pipeline, with the exception of meeting the required clearance for a road crossing, must be brought immediately to BP engineering's attention for discussion. Please note: clearing a paved lot (e.g., a parking lot), is not considered a road crossing.
- All permanent driving surfaces shall cross the pipeline right-of-way at, or as near to, a 90° angle as is feasible. In no instance shall the angle of the crossing be less than 45°.
- For proposed road crossings and driveways BP will perform a stress factor calculation to determine the amount of cover required over the pipeline. Under no circumstances shall cover be less than the following: a) five- and one-half feet (5.5') for all road crossings and commercial driveways, and b) three feet (3') for residential driveways.
- A minimum of four feet (4') of cover is required for all drainage ditches.
- Proposals for parking lot construction on the pipeline right-of-way are discouraged and should be limited to the same encroachment impact as would a 4 lane road. Any proposals must include green spaces above the BP pipeline to allow for required visual inspections of the rights-of-way and routine measurements.
- Concrete pavement is discouraged, especially reinforced concrete; and in most instances will not be allowed. This is to prevent exposing the pipeline to stresses related to impact forces associated with breaking concrete.
- Requests for fence installation within the easement shall be reviewed on a case-by-case basis and any permitted fence install must allow for 24/7 access by BP operations to the pipeline ROW

Foreign Line or Utility Crossings

- All foreign lines shall cross the pipeline right-of-way at, or as near to, a 90° angle as is feasible. In no instance shall the angle of the crossing be less than 45°.
- In no instance shall the foreign line be placed parallel to the pipelines right-of-way.
- The foreign line shall cross under the pipeline with at least two feet (2') of vertical separation (three feet (3') for fiber optics).
- If the foreign line is a telecommunications cable, power cable, or similar in nature, the foreign line shall be placed in a Schedule 40 PVC conduit, or greater, for a linear distance extending ten feet (10') on either side of the centerline of the pipeline. The entire length of carrier pipe shall either be encased in concrete or shall have a concrete cap placed on top of it. However, if the method of installation is bore, and concrete is impractical, then the utility shall be placed in HDPE.
- If the foreign line is a metallic pipeline, or similar in nature, the foreign line shall be coated with a suitable coating for a distance of at least fifty feet (50') on either side of the centerline of the pipeline. The foreign line owner, operator, or their contractor shall install cathodic protection bonds and potential test leads to the foreign line at the crossing location and terminate the leads at an above-ground location as identified by BP's on-site representative. BP will install the test leads on BP's pipeline.
- Below-ground precautionary flagging (warning tape) shall be placed in the ditch line above the foreign line. The warning tape shall be placed approximately one foot (1') below the final surface grade/elevation. The warning tape shall extend for a linear distance of ten feet (10') on either side of the centerline of the pipeline.

Landscape and Vegetation

- Trees and deep-rooted shrubbery are not allowed on the pipeline right-of-way. BP may permit the installation of limited landscaping and minor shrubbery plantings with written communication and/or documentation. For a major development, landscaping plans must first be submitted in writing to BP for review and approval. Any plantings that restrict efficient aerial inspection or limit access to the easement area will be considered an interference and will not be allowed.
- Development grading should not remove any of the existing ground cover from, nor add fill over the pipeline(s). Any request to increase the cover above BP's pipeline, with the exception of meeting the required clearance for a road crossing, must be brought immediately to BP engineering's attention for discussion (to be clear a paved lot, e.g., a parking lot, is not considered a road crossing).

Requestors anticipating problems complying with these requirements should contact BP's Right of Way Agent at BPPipelinesROW@bp.com.

If, in the exercise of the pipeline easement rights, any "Permitted Facility" is damaged, disturbed or otherwise interfered with, BP and/or the pipeline easement owner shall be held harmless from and against any and all claims of whatsoever kind and nature which might be associated with or derived from such damage, disturbance or interference.



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DESIGN PLAN SUBMITTAL GUIDELINES

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1. Contact BP's local Field Representative to arrange an onsite meeting with your surveyor to determine the location and depth (locates) of BP's pipeline(s) within the scope of, or in close proximity, to your project. The location and depth of BP's pipeline(s) must be incorporated into your design plans. The contact information for BP's local Field Representative will be provided by the Right-of-Way Agent assigned to assist you with your request.
2. BP's local Field Representative will consider site conditions, the pipeline(s) location and other factors to determine the number of, and distance between the individual locates, at a minimum:
 - a. The pipeline(s) shall be located at each proposed road, or utility crossing, drainage channel or ditch, areas of proposed grade change within the pipeline right-of-way and proposed equipment crossing locations.
 - b. Additional location data may be required as your design plans are reviewed or revised. The same procedures apply to all subsequent locate requests.
3. Using the location data, accurately depict BP's pipeline(s) on your design plans. The following information should also be included on your plans even if there are no temporary or permanent structures proposed in the pipeline right-of-way:
 - a. BP's pipeline(s) shall be indicated on all applicable plan sheets by pipe diameter and labeled, "BP High Pressure Petroleum Pipeline".
 - b. Indicate the proposed location(s) where construction equipment will cross the pipeline and the method of preventing crossing for the remaining pipeline right-of-way within the project limits.
4. Proposed improvements that involve grade changes, new structures or changes to any existing structures in, on, under, over, above or along BP's right-of-way require a separate plan and profile drawing of BP's pipeline(s) clearly indicating the existing and the proposed conditions and:
 - a. Include sub-grade detail indicating all materials and the thickness of each layer/course.
 - b. Indicate the amount of existing cover that will be removed from the pipeline(s). Note: Method and specific equipment list must be included.
 - c. Indicate the amount of cover that will be added over the pipeline(s) and right of way. Note: Method and specific equipment list must be included.
 - d. Indicate the location and distance of any stock/soil piles to BP's pipeline(s).



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DESIGN PLAN SUBMITTAL GUIDELINES

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- e. Show the clearances between BP's pipeline(s) and any existing and new buried or overhead utilities that cross the pipeline right-of-way.
 - f. Show the clearances between BP's pipeline(s) and each proposed substructure.
 - g. Utilities to be installed via boring, drilling, or tunneling require procedure details included on your design plans. Note: "Blind" boring is not permitted.
 - h. Indicate any areas of disturbance or other work that will require BP's pipeline(s) to be exposed in order to perform your work.
 - i. Any additional requests required by BP Engineering to complete assessment.
5. If the existing drainage pattern within the project scope will be impacted or altered in any way, submit a drainage plan that specifically identifies new flow paths and all inlet/outfall/collection points.
6. Redline all BP facilities on submitted drawings or include all page numbers where BP facilities appear on submitted drawings on 'Design Plans Submission Checklist.
7. Include/incorporate 'BP's Right-of-Way Use Requirements' as a part of your final design plans. The Requirements will be provided to you by BP's Engineering and Right of Way group after review of your pre-final plans. Include BP on the Utilities List and include BP's Field Representative's name and phone number on the plans.

Complete the following 'Design Plans Submission Checklist' and 'Equipment Inventory List' and include both with your design plans submittal. Mail two full sized sets of design plans to;

**BP Pipelines (North America) Inc.
30 South Wacker Drive
Suite 900
Chicago, IL 60606**

Or a digital copy to the Right-of-Way Agent assigned to your request.

bp



BP PIPELINES

DESIGN PLAN SUBMITTAL GUIDELINES

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Design Plans Submission Checklist

Yellow shaded information required when submitting plans for initial Engineering review.

Project Name	Catalina Subdivision 2025 Water main Improvements
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PROPERTY OWNER'S INFORMATION	
Property - Legal Owner / Entity	Village of Orland Park
Property Address or Legal Description	Catalina Subdivision, Orland Park, IL
Owner Contact Name	Village of Orland Park
Contact Address	15655 Ravinia Ave, Orland Park IL
Phone Number(s) office / cell	(708) 403-6350
Contact Email	

DESIGN ENGINEERING COMPANY INFORMATION	
Design Engineering Company	Christopher B. Burke Engineering, LTD
Address	9575 W. Higgins Rd, Suite 600, Rosemont IL
Design Engineer's Name	James F. Amelio, PE
Phone Number(s) office / cell	(847) 823-0500
Design Engineer's Email	jamelio@cbbel.com

DEVELOPER'S INFORMATION	
Developer's Legal Name	
Address	
Phone Number(s) office / cell	
Project Manager's Name	
Phone Number(s) office / cell	

PROJECT LOCATION				
County	State	Section(s)	Township	Range
COOK	IL		Orland Park	

PROJECT TIME LINE	
Anticipated Bid Date:	January 2025
Anticipated Construction Start Date:	March 2025



BP PIPELINES
DESIGN PLAN SUBMITTAL GUIDELINES
Page 5 of 5

ALL COLUMNS MUST BE FILLED IN BY THIRD PARTY REQUESTOR

EQUIPMENT INVENTORY LIST

MAKE	MODEL	NO. of AXLES	TRACK Width x Length of track on ground	FULLY LOADED WEIGHT

Signed: _____

Name: _____
Please Print

Title: _____

Email Address: _____

 **ORLAND PARK**
CERTIFICATE OF COMPLIANCE

Proposals shall complete this Certificate of Compliance. Failure to comply with all submission requirements may result in a determination that the Proposals is not responsible.

The undersigned Ryan Hill
(Enter Name of Person Making Certification)

as President
(Enter Title of Person Making Certification)

and on behalf of Aiky's, Inc.
(Enter Name of Business Organization)

certifies that Proposers is:

1) **A BUSINESS ORGANIZATION:** Yes No

Federal Employer I.D. #: 36-2898229
(or Social Security # if a sole proprietor or individual)

The form of business organization of the Proposer is (check one):

- Sole Proprietor
- Independent Contractor (Individual)
- Partnership
- LLC
- Corporation Illinois 11/19/05
(State of Incorporation) (Date of Incorporation)

2) **STATUS OF OWNERSHIP**

Illinois Public Act 102-0265, approved August 2021, requires the Village of Orland Park to collect "Status of Ownership" information. This information is collected for reporting purposes only. Please check the following that applies to the ownership of your business and include any certifications for the categories checked with the proposal. Business ownership categories are as defined in the Business Enterprise for Minorities, Women, and Persons with Disabilities Act, 30 ILCS 575/0.01 *et seq.*

- Minority-Owned
- Women-Owned
- Veteran-Owned
- Disabled-Owned
- Small Business (SBA standards)
- Prefer not to disclose
- Not Applicable

How are you certifying? Certificates Attached Self-Certifying

STATUS OF OWNERSHIP FOR SUBCONTRACTORS

This information is collected for reporting purposes only. Please check the following that applies to the ownership of subcontractors.

~~Minority-Owned []~~ ~~Small Business [] SBA standards~~
~~Women-Owned []~~ Prefer not to disclose
Veteran-Owned [] Not Applicable
Disabled-Owned []

3) AUTHORIZED TO DO BUSINESS IN ILLINOIS: Yes No []

The Proposer is authorized to do business in the State of Illinois.

4) ELIGIBLE TO ENTER INTO PUBLIC CONTRACTS: Yes No []

The Proposer is eligible to enter into public contracts, and is not barred from contracting with any unit of state or local government as a result of a violation of either Section 33E-3, or 33E-4 of the Illinois Criminal Code, or of any similar offense of "bid-rigging" or "bid-rotating" of any state or of the United States.

5) SEXUAL HARASSMENT POLICY COMPLIANT: Yes No []

Please be advised that Public Act 87-1257, effective July 1, 1993, 775 ILCS 5/2-105 (A) has been amended to provide that every party to a public contract must have a written sexual harassment policy in place in full compliance with 775 ILCS 5/2-105 (A) (4) and includes, at a minimum, the following information:

(I) the illegality of sexual harassment; (II) the definition of sexual harassment under State law; (III) a description of sexual harassment, utilizing examples; (IV) the vendor's internal complaint process including penalties; (V) the legal recourse, investigative and complaint process available through the Department of Human Rights (the "Department") and the Human Rights Commission (the "Commission"); (VI) directions on how to contact the Department and Commission; and (VII) protection against retaliation as provided by Section 6-101 of the Act. (Illinois Human Rights Act). (emphasis added). Pursuant to 775 ILCS 5/1-103 (M) (2002), a "public contract" includes "...every contract to which the State, any of its political subdivisions or any municipal corporation is a party."

6) EQUAL EMPLOYMENT OPPORTUNITY COMPLIANT: Yes No []

During the performance of this Project, Proposer agrees to comply with the "Illinois Human Rights Act", 775 ILCS Title 5 and the Rules and Regulations of the Illinois Department of Human Rights published at 44 Illinois Administrative Code Section 750, et seq.

The Proposer shall:

(I) not discriminate against any employee or applicant for employment because of race, color,

religion, sex, marital status, national origin or ancestry, age, or physical or mental handicap unrelated to ability, or an unfavorable discharge from military service; (II) examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization; (III) ensure all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, marital status, national origin or ancestry, age, or physical or mental handicap unrelated to ability, or an unfavorable discharge from military service; (IV) send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the Vendor's obligations under the Illinois Human Rights Act and Department's Rules and Regulations for Public Contract; (V) submit reports as required by the Department's Rules and Regulations for Public Contracts, furnish all relevant information as may from time to time be requested by the Department or the contracting agency, and in all respects comply with the Illinois Human Rights Act and Department's Rules and Regulations for Public Contracts; (VI) permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency and Department for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and Department's Rules and Regulations for Public Contracts; and (VII) include verbatim or by reference the provisions of this Equal Employment Opportunity Clause in every subcontract it awards under which any portion of this Agreement obligations are undertaken or assumed, so that such provisions will be binding upon such subcontractor.

In the same manner as the other provisions of this Agreement, the Proposer will be liable for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the contracting agency and the Department in the event any subcontractor fails or refuses to comply therewith. In addition, the Proposer will not utilize any subcontractor declared by the Illinois Human Rights Department to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

"Subcontract" means any agreement, arrangement or understanding, written or otherwise, between the Proposer and any person under which any portion of the Proposer's obligations under one or more public contracts is performed, undertaken or assumed; the term "subcontract", however, shall not include any agreement, arrangement or understanding in which the parties stand in the relationship of an employer and an employee, or between a Proposer or other organization and its customers.

In the event of the Proposer's noncompliance with any provision of this Equal Employment Opportunity Clause, the Illinois Human Right Act, or the Rules and Regulations for Public Contracts of the Department of Human Rights the Proposer may be declared non-responsible and therefore ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and this agreement may be canceled or avoided in whole or in part, and such other sanctions or penalties may be imposed or remedies involved as provided by statute or regulation.

7) PREVAILING WAGE COMPLIANCE: Yes No

In the manner and to the extent required by law, this RFP is subject to the Illinois Prevailing Wage Act and to all laws governing the payment of wages to laborers, workers and mechanics of a Proposer or any subcontractor of a Proposer bound to this agreement who is performing services covered by this contract. If awarded the Contract, per 820 ILCS 130 et seq. as

amended, Proposer shall pay not less than the prevailing hourly rate of wages, the generally prevailing rate of hourly wages for legal holiday and overtime work, and the prevailing hourly rate for welfare and other benefits as determined by the Illinois Department of Labor or the Village and as set forth in the schedule of prevailing wages for this contract to all laborers, workers and mechanics performing work under this contract (available at <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx>).

The undersigned Proposer further stipulates and certifies that it has maintained a satisfactory record of Prevailing Wage Act compliance with no significant Prevailing Wage Act violations for the past three (3) years.

Certified Payroll. The Illinois Prevailing Wage Act requires any contractor and each subcontractor who participates in public works to file with the Illinois Department of Labor (IDOL) certified payroll for those calendar months during which work on a public works project has occurred. The Act requires certified payroll to be filed with IDOL no later than the 15th day of each calendar month for the immediately preceding month through the Illinois Prevailing Wage Portal—an electronic database IDOL has established for collecting and retaining certified payroll. The Portal may be accessed using this link: <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/certifiedtranscriptofpayroll.aspx>. The Village reserves the right to withhold payment due to Contractor until Contractor and its subcontractors display compliance with this provision of the Act.

8) **EMPLOYMENT OF ILLINOIS WORKERS ON PUBLIC WORKS ACT:** Yes No

In the manner and to the extent required by law, this ITB/RFP is subject to the Employment of Illinois Workers on Public Works Act (30 ILCS 570/0.01 *et seq.*). If awarded the Contract, per 820 ILCS 130 *et seq.* as amended, and if the Employment of Illinois Workers on Public Works Act (30 ILCS 570/0.01) is in effect, Proposer shall maintain full compliance with its requirements.

9) **PARTICIPATION IN APPRENTICESHIP AND TRAINING PROGRAM:** Yes No

Proposer participates in apprenticeship and training programs applicable to the work to be performed on the project, which are approved by and registered with the United States Department of Labor's Office of Apprenticeship.

Name of A&T Program: LIVNA Laborers' District Council Training & Apprenticeship Fund

Brief Description of Program: 2-year program. Minimum of 24 hours on the job work training & 360 hours of classroom training to become a journey worker.

10) TAX COMPLIANT: Yes No

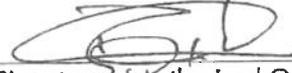
Proposer is current in the payment of any tax administered by the Illinois Department of Revenue, or if it is not: (a) it is contesting its liability for the tax or the amount of tax in accordance with procedures established by the appropriate Revenue Act; or (b) it has entered into an agreement with the Department of Revenue for payment of all taxes due and is currently in compliance with that agreement.

AUTHORIZATION & SIGNATURE:

I certify that I am authorized to execute this Certificate of Compliance on behalf of the Proposer set forth on the Proposer Summary Sheet, that I have personal knowledge of all the information set forth herein and that all statements, representations, that the proposal is genuine and not collusive, and information provided in or with this Certificate are true and accurate.

The undersigned, having become familiar with the Project specified in this RFP, proposes to provide and furnish all of the labor, materials, necessary tools, expendable equipment and all utility and transportation services necessary to perform and complete in a workmanlike manner all of the work required for the Project.

ACKNOWLEDGED AND AGREED TO:



Signature of Authorized Officer

Ryan Hill

Name of Authorized Officer

President

Title

2/7/2025

Date

*Please see attached.

REFERENCES

Provide three (3) references for which your organization has performed similar work.

Proposer's Name:

AIRY, Inc

(Enter Name of Business Organization)

1. ORGANIZATION _____

ADDRESS _____

PHONE NUMBER _____

CONTACT PERSON _____

YEAR OF PROJECT _____

2. ORGANIZATION _____

ADDRESS _____

PHONE NUMBER _____

CONTACT PERSON _____

YEAR OF PROJECT _____

3. ORGANIZATION _____

ADDRESS _____

PHONE NUMBER _____

CONTACT PERSON _____

YEAR OF PROJECT _____

References

Public Body/ Project Name/Year	Reference Name/ Phone #	Contract Amount
Village of Tinley Park Post 5 LS Improvements 2022/2023	John Urbanski 708.444.5550	\$3,931,849.00
Village of Monee Industrial Drive LS 2021/2020	Ed Johnson 708.534.8306	\$1,918,946.20
Village of Rockdale Mound Road LS 2022/2023	Diane Moeller – Robinson Eng. 224.908.3983	\$1,263,599.00
Village of Flossmoor Army Corp of Engineers Storm Sewer Improvements 2022/2023	John Brunke 708.957.4100	\$2,915,724.00
Illinois American Water Company Bell Road Water Main & Sanitary Relocation 2022/2023	Eric Lareau 630.739.8837	\$1,912,971.00
Illinois American Water Company Grand Avenue Water Main Lining 2021/2022	Eric Lareau 630.739.8837	\$1,098,837.00
Village of Mokena Emergency 12" Water Main Lining 2023	Dan Peloquin 708.479.3927	\$250,000.00
Illinois American Water Company Country Club CIPP 2022/2023	Eric Lareau 630.739.8837	\$4,392,595.00
City of Palos Heights West College Drive Water Main Lining 2023	Adam Jasinski 708.238.4571	\$975,000.00
Village of Olympia Fields New Lift Station 2022	Terry Lusby 708.679.3529	\$396,069.00
The Whiting-Turner Contracting Company Amazon Project C 2020	Carrie Zillman 630.487.6294	\$1,703,152.00

Village of Tinley Park Post 4 Lift Station Improvements 2020	John Urbanski 708.444.5550	\$598,042.00
Village of East Hazel Crest Center St Meter Vault Installation & Water Main Installation 2023	Melanie Arnold 815.412.2707	\$791,250.00
Village of Tinley Park Western Pressure Zone Booster Pump Station 2022	John Urbanski 708.444.5550	\$3,436,250.00
IHC Construction Companies Batavia WTF Phase 2 2023	Vince Picardi 630.715.9794	\$5,094,000.00 In Progress
Village of Evergreen Park Lift Station Replacement 2023		\$875,000.00 In Progress

Directionally Drilled References

Illinois American Water Company Queenswood Road Rear Yard Water Main Replacement 2022	Eric Lareau 630.739.8837	\$5,863,858.00
Illinois American Water Company DP Inverness Water Main Replacement 2022	Eric Lareau 630.739.8837	\$2,040,021.00
Illinois American Water Company Oneida, Bittersweet, Sitka Water Main Replacement 2022	Eric Lareau 630.739.8837	\$2,149,848.00
Illinois American Water Company CS-Airport S. Wolf Road Water Main Relocation 2022	Eric Lareau 630.739.8837	\$2,311,792.00
Illinois American Water Company Elmwood Stanley Water Main Replacement 2022	Eric Lareau 630.739.8837	\$1,306,195.00
Village of East Hazel Crest Lathrop Ave & 174 th St 2023	Melanie Arnold 815.412.2707	\$449,950.00 In Progress
Village of East Hazel Crest Center St Meter Vault & Water Main 2023	Melanie Arnold 815.412.2707	\$791,250.00 In Progress
Village of Tinley Park Dry Utility Relocation 2023	John Urbanski 708.444.5550	\$233,650.00 In Progress
Village of Park Forest Bore 2" Duct (North St & Lake Blvd) 2023	Nick Christie 708.503.7702	\$24,396.25



ORLAND PARK

INSURANCE REQUIREMENTS

Please sign and provide a policy Specimen Certificate of Insurance showing current coverages.

If awarded the contract, all Required Policy Endorsements noted in the left column in red bold type MUST be provided.

Standard Insurance Requirements	Please provide the following coverage if box is checked.
<p>WORKERS' COMPENSATION & EMPLOYER LIABILITY Full Statutory Limits - Employers Liability \$500,000 – Each Accident \$500,000 – Each Employee \$500,000 – Policy Limit Waiver of Subrogation in favor of the Village of Orland Park</p> <p>AUTOMOBILE LIABILITY (ISO Form CA 0001) \$1,000,000 – Combined Single Limit Per Occurrence Bodily Injury & Property Damage. Applicable for All Company Vehicles.</p> <p>GENERAL LIABILITY (Occurrence basis) (ISO Form CG 0001) \$1,000,000 – Combined Single Limit Per Occurrence Bodily Injury & Property Damage \$2,000,000 – General Aggregate Limit \$1,000,000 – Personal & Advertising Injury \$2,000,000 – Products/Completed Operations Aggregate</p> <p>ADDITIONAL INSURED ENDORSEMENTS: <i>(Not applicable for Goods Only Purchases)</i></p> <ul style="list-style-type: none"> ISO CG 20 10 or CG 20 26 (or Equivalent) Commercial General Liability Coverage CG 20 01 Primary & Non-Contributory (or Equivalent) The Village must be named as the Primary Non-Contributory which makes the Village a priority and collects off the policy prior to any other claimants. Blanket General Liability Waiver of Subrogation - Village of Orland Park A provision that prohibits an insurer from pursuing a third party to recover damages for covered losses. 	<p>LIABILITY UMBRELLA (Follow Form Policy) <input type="checkbox"/> \$1,000,000 – Each Occurrence \$1,000,000 – Aggregate <input type="checkbox"/> \$2,000,000 – Each Occurrence \$2,000,000 – Aggregate <input checked="" type="checkbox"/> Other: <u>\$5,000,000 Each Occurrence</u> EXCESS MUST COVER: General Liability, Automobile Liability, Employers' Liability</p> <p>PROFESSIONAL LIABILITY <input type="checkbox"/> \$1,000,000 Limit – Claims Made Form, Indicate Retroactive Date <input type="checkbox"/> \$2,000,000 Limit – Claims Made Form, Indicate Retroactive Date <input type="checkbox"/> Other: _____ Deductible not-to-exceed \$50,000 without prior written approval</p> <p><input type="checkbox"/> BUILDERS RISK Completed Property Full Replacement Cost Limits – Structures under construction</p> <p><input type="checkbox"/> ENVIRONMENTAL IMPAIRMENT/POLLUTION LIABILITY \$1,000,000 Limit for bodily injury, property damage and remediation costs resulting from a pollution incident at, on or mitigating beyond the job site</p> <p><input type="checkbox"/> CYBER LIABILITY \$1,000,000 Limit per Data Breach for liability, notification, response, credit monitoring service costs, and software/property damage</p> <p><input type="checkbox"/> CG 20 37 ADDITIONAL INSURED – Completed Operations (Provide only if box is checked)</p>

Any insurance policies providing the coverages required of the Consultant, excluding Professional Liability, shall be specifically endorsed to identify "The Village of Orland Park, and their respective officers, trustees, directors, officials, employees, volunteers and agents as Additional Insureds on a primary/non-contributory basis with respect to all claims arising out of operations by or on behalf of the named insured." The required additional Insured coverage shall be provided on the Insurance Service Office (ISO) CG 20-10 or CG 20-26 endorsements or an endorsement at least as broad as the above noted endorsements as determined by the Village of Orland Park. Any Village of Orland Park insurance coverage shall be deemed to be on an excess or contingent basis as confirmed by the required (ISO) CG 20 01 Additional Insured Primary & Non- Contributory Endorsement. The policies shall also contain a Waiver of Subrogation in favor of the Additional Insureds in regard to General Liability and Workers' Compensation coverage. The certificate of insurance shall also state this information on its face. Any insurance company providing coverage must hold an A-, VII rating according to Best's Key Rating Guide. Each insurance policy required shall have the Village of Orland Park expressly endorsed onto the policy as a Cancellation Notice Recipient. Should any of the policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions. Permitting the contractor, or any subcontractor, to proceed with any work prior to our receipt of the foregoing certificate and endorsements shall not be a waiver of the contractor's obligation to provide all the above insurance.

Consultant agrees that prior to any commencement of work to furnish evidence of Insurance coverage providing for at minimum the coverages, endorsements and limits described above directly to the Village of Orland Park, 14700 S. Ravinia Avenue, Orland Park, IL 60462. Failure to provide this evidence in the time frame specified and prior to beginning of work may result in the termination of the Village's relationship with the contractor.

ACCEPTED & AGREED THIS 1st DAY OF February, 2025


Signature

Ryan Hill, President
Printed Name & Title

Authorized to execute agreements for:

AIRYS, Inc.
Name of Company



AIRYIC1

OP ID: EW

CERTIFICATE OF LIABILITY INSURANCEDATE(MM/DD/YYYY)
03/11/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER AssuredPartners - Palatine IL dba Dohn & Maher Associates 4811 Emerson Avenue, Suite 102 Palatine, IL 60067-7416 Carl E. Dohn Jr.	847-303-6800	CONTACT NAME: PHONE (A/C, No, Ext): 847-303-6800 E-MAIL ADDRESS: certificates.dohn@assuredpartners.com	FAX (A/C, No): 847-303-6963													
	INSURED Airy's Inc. 21825 Cherry Hill Rd Joliet, IL 60433		<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A: United Fire & Casualty Co</td> <td>13021</td> </tr> <tr> <td>INSURER B: Allied World Assurance Co.</td> <td>19489</td> </tr> <tr> <td>INSURER C: Continental Casualty Co A XV</td> <td>20443</td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: United Fire & Casualty Co	13021	INSURER B: Allied World Assurance Co.	19489	INSURER C: Continental Casualty Co A XV	20443	INSURER D:		INSURER E:		INSURER F:
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INSURER D:																
INSURER E:																
INSURER F:																

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y	X	60543574	09/30/2024	09/30/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			60543574	09/30/2024	09/30/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0			60543574	09/30/2024	09/30/2025	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	WC30304858	09/30/2024	09/30/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.I. EACH ACCIDENT \$ 1,000,000 E.I. DISEASE - EA EMPLOYEE \$ 1,000,000 E.I. DISEASE - POLICY LIMIT \$ 1,000,000
C	Installation Float			7091839599	09/30/2024	09/30/2025	Limits \$4MM
B	Pollution Liab			0312-4110	06/30/2024	06/24/2026	Limits \$3MM/\$3MM

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RE: Job #25-012, Catalina Subdivision 2025 Watermain Project. The following are included as Additional Insured to General Liability (coverage form attached) on a Primary and Non-Contributory basis as required by written contract with respects to work performed by the Named Insured: see attached

CERTIFICATE HOLDER**CANCELLATION**

VILLAOR Village of Orland Park 14700 Ravinia Avenue Orland Park, IL 60402	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
---	---

NOTEPAD:

HOLDER CODE VILLAOR
INSURED'S NAME Airy's Inc.

AIRYIC1
OP ID: EW

PAGE 2
Date 03/11/2025

Additional Insureds: The Village of Orland Park, and their respective officers, trustees, directors, officials, employees, volunteers and agents.

A Waiver of Subrogation in favor of the Additional Insureds is included under the General Liability and Workers Compensation coverage as required by written contract.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**BLANKET ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – WITH
PRODUCTS - COMPLETED OPERATIONS COVERAGE - AUTOMATIC STATUS FOR OTHER
PARTIES AND COMPLIANCE WITH WRITTEN CONTRACTUAL REQUIREMENTS
(THROUGH ISO 10/01 COVERAGE OPTIONS)**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

A. Section II – Who Is An Insured is amended to include as an additional insured:

1. Any person or organization for whom you are performing operations when you and such person or organization have agreed in writing in a contract or agreement that such person or organization be added as an additional insured on your policy; and
2. Any other person or organization you are required to add as an additional insured under the contract or agreement described in Paragraph 1. above.

B. The insurance provided to the additional insured is limited as follows:

1. The person or organization is an additional insured only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" which may be imputed to that person or organization directly arising out of:
 - a. Your acts or omissions, or the acts or omissions of those acting on your behalf, in the performance of your ongoing operations specified in the "written contract"; or
 - b. "your work" that is specified in the "written contract" but only for "bodily injury" or "property damage" included in the "products-completed operations hazard", and only if:
 - (1) The "written contract" requires you to provide the additional insured such coverage; and
 - (2) This coverage part provides such coverage; and
 - (3) Such coverage will not apply subsequent to the first to occur of the following:
 - i. The expiration of the period of time required by the "written contract"; or
 - ii. The expiration of any applicable statute of limitations or statute of repose with respect to claims arising out of "your work".
2. If the "written contract" specifically requires you to provide additional insurance coverage via the 04/13 edition of CG2010 (aka CG 20 10 04 13), or via the 04/13 edition of CG2037 (aka CG 20 37 04 13), then in paragraph B.1. above, the words "which may be imputed to that person(s) or organization(s) directly arising out of" are replaced by the words "caused in whole or in part by".
3. If the "written contract" specifically requires you to provide additional insurance coverage via the 07/04 edition of CG2010 (aka CG 20 10 07 04), or via the 07/04 edition of CG2037 (aka CG 20 37 07 04), then in paragraph B.1. above, the words "which may be imputed to that person(s) or organization(s) directly arising out of" are replaced by the words "caused in whole or in part by".
4. If the "written contract" specifically requires you to provide additional insurance coverage via the 10/01 edition of CG2010 (aka CG 20 10 10 01), or via the 10/01 edition of CG2037 (aka CG 20 37 10 01) then in paragraph B.1. above, the words "which may be imputed to that person(s) or organization(s) directly arising out of" are replaced by the words "arising out of".
5. With regards to B.1. and B.2. above only, the following conditions are added;
 - a. The insurance afforded to such additional insured only applies to the extent permitted by law; and
 - b. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

6. The insurance provided to the additional insured does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of:
 - a. The rendering of, or failure to render, any professional architectural, engineering or surveying services, including:
 - (1) The preparing, approving or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; and
 - (2) Supervisory, inspection, architectural or engineering activities.
 - b. Any premises or work for which the additional insured is specifically listed as an additional insured on another endorsement attached to this coverage part.
- C. Only for the purpose of the insurance provided this endorsement, **SECTION V- DEFINITIONS** is amended to add the following definition:

"Written Contract" means a written contract or written agreement that requires you to make a person or organization an additional insured on this Coverage Part, provided the contract or agreement:

 1. Is currently in effect or becoming effective during the term of this policy; and
 2. Was executed prior to:
 - a. The "bodily injury" or "property damage"; or
 - b. The offense that caused the "personal and advertising injury",
for which the additional insured seeks coverage under this coverage part.

For the purposes of this Care, Custody and Control Property Damage Coverage, our right and duty to defend ends when we have paid the Limit of Liability or the Aggregate Limit for each coverage, and we are granted discretion in making payments under this coverage.

15. Subject to 5. of SECTION III – LIMITS OF INSURANCE, the most we will pay for “property damage” under Coverage F - Electronic Data Liability Coverage for loss of “electronic data” is \$50,000 without regard to the number of “occurrences”.

SECTION IV - COMMERCIAL GENERAL LIABILITY CONDITIONS

A. The following conditions are amended:

1. Knowledge of Occurrence

a. Condition 2., Items a. and b. are deleted and replaced by the following:

(1) Duties In The Event Of Occurrence, Offense, Claim Or Suit

(a) You must see to it that we are notified as soon as practicable of an “occurrence” or an offense which may result in a claim. Knowledge of an “occurrence” by your agent, servant or employee shall not in itself constitute knowledge of the named insured unless an officer of the named insured has received such notice from the agent, servant or employee. To the extent possible, notice should include:

- i. How, when and where the “occurrence” took place;
- ii. The names and addresses of any injured persons and witnesses, and
- iii. The nature and location of any injury or damage arising out of the “occurrence” or offense.

(b) If a claim is made or “suit” is brought against any insured, you must:

- i. Immediately record the specifics of the claim or “suit” and the date received; and
- ii. Notify us as soon as practicable.

You must see to it that we receive written notice of the claim or “suit” as soon as practicable. Knowledge of a claim or “suit” by your agent, servant or employee shall not in itself constitute knowledge of the named insured unless an officer of the named insured has received such notice from the agent, servant or employee.

2. Where **Broad Form Named Insured** is added in **SECTION II – WHO IS AN INSURED** of this endorsement, Condition 4. **Other Insurance b. Excess Insurance (1).(a)** is replaced by the following:

(a) Any of the other insurance, whether primary, excess, contingent or on any other basis, that is available to an insured solely by reason of ownership by you of more than 50 percent of the voting stock, and not withstanding any other language in any other policy. This provision does not apply to a policy written to apply specifically in excess of this policy.

B. The following are added:

10. Condition (5) of 2.c.

(5) Upon our request, replace or repair the property covered under Voluntary Property Damage Coverage at your actual cost, excluding profit or overhead.

11. Blanket Waiver Of Subrogation

We waive any right of recovery we may have against any person or organization because of payments we make for injury or damage arising out of: premises owned or occupied by or rented or loaned to you, ongoing operations performed by you or on your behalf, done under a contract with that person or organization, “your work”, or “your products”. We waive this right where you have agreed to do so as part of a written contract, executed by you before the “bodily injury” or “property damage” occurs or the “personal and advertising injury” offense is committed.

12. Liberalization

If a revision to this Coverage Part, which would provide more coverage with no additional premium becomes effective during the policy period in the state designated for the first Named Insured shown in the Declarations, your policy will automatically provide this additional coverage on the effective date of the revision.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PRIMARY AND NONCONTRIBUTORY - OTHER INSURANCE CONDITION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
COMMERCIAL UMBRELLA COVERAGE PART

The following is added to the **Other Insurance** Condition and supersedes any provision to the contrary:

Primary And Noncontributory Insurance

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:

- (1) The additional insured is a Named Insured under such other insurance;
- (2) You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured;
- (3) The additional insured gives us prompt written notice of any "occurrence" which may result in a claim and prompt written notice of "suit";
- (4) The additional insured immediately forwards all legal papers to us, cooperates in the investigation or settlement of the claim or defense against the "suit", and otherwise complies with policy conditions.
- (5) The additional insured must tender the defense and indemnity of any claim or "suit" to any other insurer which also insures against a loss we cover under this policy. This includes, but is not limited to, any insurer which has issued a policy of insurance in which the additional insured qualifies as an insured. For the purpose of this requirement, the term "insures against" refers to any self-insurance and to any insurer which issued a policy of insurance that may provide coverage for the loss, regardless of whether the additional insured has actually requested that the insurer provide the additional insured with a defense and/or indemnity under that policy of insurance.
- (6) The additional insured agrees to make available any other insurance that the additional insured has for a loss we cover under this policy.

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

This endorsement changes the policy to which it is attached effective on the inception date of the policy unless a different date is indicated below.

(The following "attaching clause" need be completed only when this endorsement is issued subsequent to preparation of the policy.)

This endorsement, effective on 09/30/2024 at 12:01 A.M. standard time, forms a part of
(DATE)

Policy No. WC30304858 of the United Fire & Casualty Company
(NAME OF INSURANCE COMPANY)

issued to Airy's, Inc.

Premium \$

Authorized Representative

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.

This agreement shall not operate directly or indirectly to benefit any one not named in the Schedule.

Schedule

We will not enforce our right against any person or organization with whom the insured has agreed, in a written contract or agreement executed prior to the accident or loss, that this right will be waived for work performed by you for that person or organization.

This agreement shall not operate directly or indirectly to benefit any one not specifically identified in a qualifying contract or agreement.



AIRYIC1

QP ID: SM

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
11/08/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
AssuredPartners - Palatine IL
dba Dohn & Maher Associates
4811 Emerson Avenue, Suite 102
Palatine, IL 60067-7416
Carl E. Dohn Jr.
847-303-6800

CONTACT NAME:		PHONE (A/C, No, Ext): 847-303-6800		FAX (A/C, No): 847-303-6963	
E-MAIL ADDRESS: certificates.dohn@assuredpartners.com					
INSURER(S) AFFORDING COVERAGE					NAIC #
INSURER A: United Fire & Casualty Co					13021
INSURER B: Allied World Assurance Co.					19489
INSURER C: Continental Casualty Co A XV					20443
INSURER D:					
INSURER E:					
INSURER F:					

INSURED
Airy's Inc.
21825 Cherry Hill Rd
Joliet, IL 60433

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR			60543574	09/30/2024	09/30/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Per occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:							
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			60543574	09/30/2024	09/30/2025	COMBINED SINGLE LIMIT (Per accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0			60543574	09/30/2024	09/30/2025	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			WC30304858	09/30/2024	09/30/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
C	Installation Float			7091839599	09/30/2024	09/30/2025	Limits \$4MM
B	Pollution Liab			0312-4110	06/30/2024	06/24/2026	Limits \$3MM/\$3MM

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

AIRYSIN

Airy's Inc.
21825 Cherry Hill Rd
Joliet, IL 60433

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Carl Dohn Jr.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**BLANKET ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – WITH
PRODUCTS - COMPLETED OPERATIONS COVERAGE - AUTOMATIC STATUS FOR OTHER
PARTIES AND COMPLIANCE WITH WRITTEN CONTRACTUAL REQUIREMENTS
(THROUGH ISO 10/01 COVERAGE OPTIONS)**

This endorsement modifies insurance provided under the following:
COMMERCIAL GENERAL LIABILITY COVERAGE PART

- A. Section II – Who Is An Insured** is amended to include as an additional insured:
1. Any person or organization for whom you are performing operations when you and such person or organization have agreed in writing in a contract or agreement that such person or organization be added as an additional insured on your policy; and
 2. Any other person or organization you are required to add as an additional insured under the contract or agreement described in Paragraph 1. above.
- B. The insurance provided to the additional insured is limited as follows:**
1. The person or organization is an additional insured only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" which may be imputed to that person or organization directly arising out of:
 - a. Your acts or omissions, or the acts or omissions of those acting on your behalf, in the performance of your ongoing operations specified in the "written contract"; or
 - b. "your work" that is specified in the "written contract" but only for "bodily injury" or "property damage" included in the "products-completed operations hazard", and only if:
 - (1) The "written contract" requires you to provide the additional insured such coverage; and
 - (2) This coverage part provides such coverage; and
 - (3) Such coverage will not apply subsequent to the first to occur of the following:
 - i. The expiration of the period of time required by the "written contract"; or
 - ii. The expiration of any applicable statute of limitations or statute of repose with respect to claims arising out of "your work".
 2. If the "written contract" specifically requires you to provide additional insurance coverage via the 04/13 edition of CG2010 (aka CG 20 10 04 13), or via the 04/13 edition of CG2037 (aka CG 20 37 04 13), then in paragraph B.1. above, the words "which may be imputed to that person(s) or organization(s) directly arising out of" are replaced by the words "caused in whole or in part by".
 3. If the "written contract" specifically requires you to provide additional insurance coverage via the 07/04 edition of CG2010 (aka CG 20 10 07 04), or via the 07/04 edition of CG2037 (aka CG 20 37 07 04), then in paragraph B.1. above, the words "which may be imputed to that person(s) or organization(s) directly arising out of" are replaced by the words "caused in whole or in part by".
 4. If the "written contract" specifically requires you to provide additional insurance coverage via the 10/01 edition of CG2010 (aka CG 20 10 10 01), or via the 10/01 edition of CG2037 (aka CG 20 37 10 01) then in paragraph B.1. above, the words "which may be imputed to that person(s) or organization(s) directly arising out of" are replaced by the words "arising out of".
 5. With regards to B.1. and B.2. above only, the following conditions are added:
 - a. The insurance afforded to such additional insured only applies to the extent permitted by law; and
 - b. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

6. The Insurance provided to the additional insured does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of:

a. The rendering of, or failure to render, any professional architectural, engineering or surveying services, including:

~~(1) The preparing, approving or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; and~~

(2) Supervisory, inspection, architectural or engineering activities.

b. Any premises or work for which the additional insured is specifically listed as an additional insured on another endorsement attached to this coverage part.

C. Only for the purpose of the insurance provided this endorsement, **SECTION V- DEFINITIONS** is amended to add the following definition:

"Written Contract" means a written contract or written agreement that requires you to make a person or organization an additional insured on this Coverage Part, provided the contract or agreement:

1. Is currently in effect or becoming effective during the term of this policy; and

2. Was executed prior to:

a. The "bodily injury" or "property damage"; or

b. The offense that caused the "personal and advertising injury",

for which the additional insured seeks coverage under this coverage part.

For the purposes of this Care, Custody and Control Property Damage Coverage, our right and duty to defend ends when we have paid the Limit of Liability or the Aggregate Limit for each coverage, and we are granted discretion in making payments under this coverage.

15. Subject to 5. of SECTION III - LIMITS OF INSURANCE, the most we will pay for "property damage" under Coverage F - Electronic Data Liability Coverage for loss of "electronic data" is \$50,000 without regard to the number of "occurrences".

SECTION IV - COMMERCIAL GENERAL LIABILITY CONDITIONS

A. The following conditions are amended:

1. Knowledge of Occurrence

a. Condition 2., Items a. and b. are deleted and replaced by the following:

(1) Duties In The Event Of Occurrence, Offense, Claim Or Suit

(a) You must see to it that we are notified as soon as practicable of an "occurrence" or an offense which may result in a claim. Knowledge of an "occurrence" by your agent, servant or employee shall not in itself constitute knowledge of the named insured unless an officer of the named insured has received such notice from the agent, servant or employee. To the extent possible, notice should include:

- i. How, when and where the "occurrence" took place;
- ii. The names and addresses of any injured persons and witnesses, and
- iii. The nature and location of any injury or damage arising out of the "occurrence" or offense.

(b) If a claim is made or "suit" is brought against any insured, you must:

- i. Immediately record the specifics of the claim or "suit" and the date received; and
- ii. Notify us as soon as practicable.

You must see to it that we receive written notice of the claim or "suit" as soon as practicable. Knowledge of a claim or "suit" by your agent, servant or employee shall not in itself constitute knowledge of the named insured unless an officer of the named insured has received such notice from the agent, servant or employee.

2. Where **Broad Form Named Insured** is added in SECTION II - WHO IS AN INSURED of this endorsement, Condition 4. **Other Insurance b. Excess Insurance (1).(a)** is replaced by the following:

(a) Any of the other insurance, whether primary, excess, contingent or on any other basis, that is available to an insured solely by reason of ownership by you of more than 50 percent of the voting stock, and not withstanding any other language in any other policy. This provision does not apply to a policy written to apply specifically in excess of this policy.

B. The following are added:

10. Condition (5) of 2.c.

(5) Upon our request, replace or repair the property covered under Voluntary Property Damage Coverage at your actual cost, excluding profit or overhead.

11. Blanket Waiver Of Subrogation

We waive any right of recovery we may have against any person or organization because of payments we make for injury or damage arising out of: premises owned or occupied by or rented or loaned to you, ongoing operations performed by you or on your behalf, done under a contract with that person or organization, "your work", or "your products". We waive this right where you have agreed to do so as part of a written contract, executed by you before the "bodily injury" or "property damage" occurs or the "personal and advertising injury" offense is committed.

12. Liberalization

If a revision to this Coverage Part, which would provide more coverage with no additional premium becomes effective during the policy period in the state designated for the first Named Insured shown in the Declarations, your policy will automatically provide this additional coverage on the effective date of the revision.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PRIMARY AND NONCONTRIBUTORY - OTHER INSURANCE CONDITION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
COMMERCIAL UMBRELLA COVERAGE PART

The following is added to the **Other Insurance** Condition and supersedes any provision to the contrary:

Primary And Noncontributory Insurance

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:

- (1) The additional insured is a Named Insured under such other insurance;
- (2) You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured;
- (3) The additional insured gives us prompt written notice of any "occurrence" which may result in a claim and prompt written notice of "suit";
- (4) The additional insured immediately forwards all legal papers to us, cooperates in the investigation or settlement of the claim or defense against the "suit", and otherwise complies with policy conditions.
- (5) The additional insured must tender the defense and indemnity of any claim or "suit" to any other insurer which also insures against a loss we cover under this policy. This includes, but is not limited to, any insurer which has issued a policy of insurance in which the additional insured qualifies as an insured. For the purpose of this requirement, the term "insures against" refers to any self-insurance and to any insurer which issued a policy of insurance that may provide coverage for the loss, regardless of whether the additional insured has actually requested that the insurer provide the additional insured with a defense and/or indemnity under that policy of insurance.
- (6) The additional insured agrees to make available any other insurance that the additional insured has for a loss we cover under this policy.

(Temporary Substitute Auto Physical Damage)

A. TEMPORARY SUBSTITUTE AUTO PHYSICAL DAMAGE

SECTION I – COVERED AUTOS, paragraph C. Certain Trailers, Mobile Equipment and Temporary Substitute Autos is amended by adding the following at the end of the existing language:

If Physical Damage Coverage is provided under this Coverage form for an "auto" you own, the Physical Damage coverages provided for that owned "auto" are extended to any "auto" you do not own while used with the permission of its owner as a temporary substitute for the covered "auto" you own that is out of service because of its breakdown, repair, servicing, "loss", or destruction

B. BROADENED LIABILITY COVERAGES

SECTION II – LIABILITY COVERAGE in Paragraph A. Coverage at 1. Who is An Insured is amended to include the following:

(Broad Form Insured)

- d. Any legally incorporated subsidiary in which you own more than 50% of the voting stock on the effective date of the Coverage Form. However, the Named Insured does not include any subsidiary that is an "insured" under any other automobile policy or would be an "insured" under such a policy but for its termination or the exhaustion of its Limit of Insurance.
- e. Any organization that is acquired or formed by you, during the term of this policy and over which you maintain majority ownership. However, the Named Insured does not include any newly formed or acquired organization:
 - (1) That is a joint venture or partnership,
 - (2) That is an "insured" under any other policy,
 - (3) That has exhausted its Limits of Insurance under any other policy, or
 - (4) 180 days or more after its acquisition or formation by you, unless you have given us notice of the acquisition or formation

Coverage does not apply to "bodily injury" or "property damage" that results from an accident that occurred before you formed or acquired the organization.

(Employee as Insureds)

- f. Any employee of yours while acting in the course of your business or your personal affairs while using a covered "auto" you do not own, hire or borrow.

(Additional Insured Status by Contract, Agreement or Permit)

- g. Any person or organization whom you are required to add as an additional insured on this policy under a written contract or agreement; but the written contract or agreement must be:
 - (1) Currently in effect or becoming effective during the term of this policy; and
 - (2) Executed prior to the "bodily injury" or "property damage."

The additional insured status will apply only with respect to your liability for "bodily injury" or "property damage" which may be imputed to that person(s) or organization(s) directly arising out of the ownership, maintenance or use of the covered "autos" at the location(s) designated, if any.

Coverage provided by this endorsement will not exceed the limits of liability required by the written contract or written agreement even if the limits of liability stated in the policy exceed those limits. This endorsement shall not increase the limits stated in **Section II. C. Limits of Insurance.**

For any covered "auto" you own this Coverage Form provides primary coverage.

(Amended Duties in the Event of Accident, Claim, Suit or Loss)

I. AMENDED DUTIES IN THE EVENT OF ACCIDENT, CLAIM, SUIT OR LOSS

Under SECTION IV – BUSINESS AUTO CONDITIONS, A. Loss Conditions, the following is added to paragraph 2. Duties In The Event of Accident, Suit or Loss:

- d. Knowledge of any "accident", "claim", "suit" or "loss" will be deemed knowledge by you when notice of such "accident", "claim", "suit" or "loss" has been received by:

- ~~(1) You; if you are an individual;~~
- ~~(2) Any partner or insurance manager if you are a partnership;~~
- ~~(3) An executive officer or insurance manager, if you are a corporation;~~
- ~~(4) Your members, managers or insurance manager, if you are a limited liability company; or~~
- ~~(5) Your officials, trustees, board members or insurance manager, if you are a not-for-profit organization.~~

(Waiver of Subrogation by Contract)

J. WAIVER OF SUBROGATION REQUIRED BY CONTRACT

Under SECTION IV, BUSINESS AUTO CONDITIONS, A. Loss Conditions 5. Transfer of Rights of Recovery Against Others to Us the following language is added:

However, we waive any rights of recovery we may have against the person or organization with whom you have agreed in writing in a contract, agreement or permit, to provide insurance such as is afforded under the policy to which this endorsement is attached. This provision does not apply unless the written contract or written agreement has been executed, or permit has been issued, prior to the "bodily injury" or "property damage."

(Unintentional Failure to Disclose)

K. UNINTENTIONAL FAILURE TO DISCLOSE

Under SECTION IV – BUSINESS AUTO CONDITIONS, B. General Conditions, the following is added to 2. Concealment, Misrepresentation Or Fraud:

Your unintentional error in disclosing, or failing to disclose, any material fact existing at the effective date of this Coverage Form, or during the policy period in connection with any additional hazards, will not prejudice your rights under this Coverage Form.

(Hired, Leased, Rented or Borrowed Auto Physical Damage)

L. HIRED, LEASED, RENTED OR BORROWED AUTO PHYSICAL DAMAGE

Under SECTION IV – BUSINESS AUTO CONDITIONS B. General Conditions 5. Other Insurance Paragraph 5.b. is replaced by the following:

- b. (1) For "Comprehensive" and "Collision" Auto Physical Damage coverage provided by this endorsement, the following are deemed to be covered "autos" you own:
- (a) Any Covered "auto" you lease, hire, rent or borrow; and
 - (b) Any Covered "auto" hired or rented by your "employee" under a contract in that individual "employee's" name, with your permission, while performing duties related to the conduct of your business.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto"

(2) **Limit of Insurance For This Section**

The most we will pay for any one "loss" is the lesser of the following:

- (a) \$75,000 per accident, or
- (b) actual cash value at the time of loss, or
- (c) cost of repair.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**PRIMARY AND NONCONTRIBUTORY –
OTHER-INSURANCE CONDITION**

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

- A.** The following is added to the **Other Insurance Condition** in the Business Auto Coverage Form and the **Other Insurance – Primary And Excess Insurance Provisions** in the Motor Carrier Coverage Form and supersedes any provision to the contrary:

This Coverage Form's Covered Autos Liability Coverage is primary to and will not seek contribution from any other insurance available to an "insured" under your policy provided that:

1. Such "insured" is a Named Insured under such other insurance; and
2. You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to such "insured".

- B.** The following is added to the **Other Insurance Condition** in the Auto Dealers Coverage Form and supersedes any provision to the contrary:

This Coverage Form's Covered Autos Liability Coverage and General Liability Coverages are primary to and will not seek contribution from any other insurance available to an "insured" under your policy provided that:

1. Such "insured" is a Named Insured under such other insurance; and
2. You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to such "insured".

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

This endorsement changes the policy to which it is attached effective on the inception date of the policy unless a different date is indicated below.

(The following "attaching clause" need be completed only when this endorsement is issued subsequent to preparation of the policy.)

This endorsement, effective on 09/30/2024 at 12:01 A.M. standard time, forms a part of _____
(DATE)

Policy No. WC30304858 of the United Fire & Casualty Company
(NAME OF INSURANCE COMPANY)

issued to Airy's, Inc.

Premium \$ _____

Authorized Representative

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.

This agreement shall not operate directly or indirectly to benefit any one not named in the Schedule.

Schedule

Airy's, Inc.
Umbrella Policy #60543574

- (3) Any person or organization having proper temporary custody of your property if you die, but only:
- (a) With respect to liability arising out of the maintenance or use of that property; and
 - (b) Until your legal representative has been appointed.
- (4) Your legal representative if you die, but only with respect to duties as such. That representative will have all your rights and duties under this Coverage Part.
- c. Any organization you newly acquire or form, other than a partnership, joint venture or limited liability company, and over which you maintain ownership or majority interest, will qualify as a Named Insured if there is no other similar insurance available to that organization. However:
- (1) Coverage under this provision is afforded only until the 90th day after you acquire or form the organization or the end of the policy period, whichever is earlier;
 - (2) Coverage A does not apply to "bodily injury" or "property damage" that occurred before you acquired or formed the organization; and
 - (3) Coverage B does not apply to "personal and advertising injury" arising out of an offense committed before you acquired or formed the organization.
2. Only with respect to liability arising out of the ownership, maintenance or use of "covered autos":
- a. You are an insured.
 - b. Anyone else while using with your permission a "covered auto" you own, hire or borrow is also an insured except:
 - (1) The owner or anyone else from whom you hire or borrow a "covered auto". This exception does not apply if the "covered auto" is a trailer or semitrailer connected to a "covered auto" you own.
 - (2) Your "employee" if the "covered auto" is owned by that "employee" or a member of his or her household.
 - (3) Someone using a "covered auto" while he or she is working in a business of selling, servicing, repairing, parking or storing "autos" unless that business is yours.
- (4) Anyone other than your "employees", partners (if you are a partnership), members (if you are a limited liability company), or a lessee or borrower or any of their "employees", while moving property to or from a "covered auto".
- (5) A partner (if you are a partnership), or a member (if you are a limited liability company) for a "covered auto" owned by him or her or a member of his or her household.
- (6) "Employees" with respect to "bodily injury" to:
- (a) Any fellow "employee" of the insured arising out of and in the course of the fellow "employee's" employment or while performing duties related to the conduct of your business; or
 - (b) The spouse, child, parent, brother or sister of that fellow "employee" as a consequence of Paragraph (a) above.
- c. Anyone liable for the conduct of an insured described above is also an insured, but only to the extent of that liability.
3. Any additional insured under any policy of "underlying insurance" will automatically be an insured under this insurance.
- Subject to Section III – Limits Of Insurance, if coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:
- a. Required by the contract or agreement, less any amounts payable by any "underlying insurance"; or
 - b. Available under the applicable Limits of Insurance shown in the Declarations;
- whichever is less.
- Additional insured coverage provided by this insurance will not be broader than coverage provided by the "underlying insurance".
- No person or organization is an insured with respect to the conduct of any current or past partnership, joint venture or limited liability company that is not shown as a Named Insured in the Declarations.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PRIMARY AND NONCONTRIBUTORY - OTHER INSURANCE CONDITION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
COMMERCIAL UMBRELLA COVERAGE PART

The following is added to the **Other Insurance** Condition and supersedes any provision to the contrary:

Primary And Noncontributory Insurance

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:

- (1) The additional insured is a Named Insured under such other Insurance;
- (2) You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured;
- (3) The additional insured gives us prompt written notice of any "occurrence" which may result in a claim and prompt written notice of "suit";
- (4) The additional insured immediately forwards all legal papers to us, cooperates in the investigation or settlement of the claim or defense against the "suit", and otherwise complies with policy conditions.
- (5) The additional insured must tender the defense and indemnity of any claim or "suit" to any other insurer which also insures against a loss we cover under this policy. This includes, but is not limited to, any insurer which has issued a policy of insurance in which the additional insured qualifies as an insured. For the purpose of this requirement, the term "insures against" refers to any self-insurance and to any insurer which issued a policy of insurance that may provide coverage for the loss, regardless of whether the additional insured has actually requested that the insurer provide the additional insured with a defense and/or indemnity under that policy of insurance.
- (6) The additional insured agrees to make available any other insurance that the additional insured has for a loss we cover under this policy.

Airy's, Inc.
Policy #60543574

COMMERCIAL LIABILITY UMBRELLA
CU 24 80 12 19

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**WAIVER OF TRANSFER OF RIGHTS OF RECOVERY
AGAINST OTHERS TO US (WAIVER OF SUBROGATION) –
AUTOMATIC**

This endorsement modifies insurance provided under the following:

COMMERCIAL LIABILITY UMBRELLA COVERAGE PART

The following is added to Paragraph 9. Transfer Of Rights Of Recovery Against Others To Us of Section IV – Conditions:

We waive any right of recovery against any person or organization, because of any payment we make under this Coverage Part, to whom the insured has waived its right of recovery in a written contract or agreement. Such waiver by us applies only to the extent that the insured has waived its right of recovery against such person or organization prior to loss.



Contractual Risk Transfer Evaluation Summary

Date 3/13/25

Vendor/Contractor Name: Airy's Inc.
 Contract/Project Name/ #: Catalina Subdivision 2025 Watermain Project
 Contract Type: Contractor Prof. Svcs Goods Only MSA
 MSA Title _____
 Type of Work: Watermain
 Contract/Project Summary: Water Main Replacement & Storm Sewer Work - Phase III of the Catalina Subdivision
 Policy Expiration Date: 9/30/25

Required Coverages/Limits – Per Contract:

Compliant:

General Liability:	\$1 million	\$2 million General Agg.	Other:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA
Umbrella Liability:	\$1 million	\$2 million	Other: \$10M/\$10M	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA
Auto Liability:	\$1 million	Any Auto/Owned	Other:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA
Workers' Comp./ Employer Liability	\$500,000 Each Accident, Each Employee, Policy Limit		Other:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA
Prof. Liability:	\$1 million	\$2 million	Other:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA
Env. Liability:	\$1 million	\$2 million	Other: \$3m/\$3m	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA
Exc./Umb. Prof.				<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA
Excess/Umb GL				<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA
Cyber Liability:	\$500,000	\$1 million	Other:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA
Builders Risk:	Completed Project Value		Other:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA
Other:	Installation Floater		Other: \$4M	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA

Required Endorsements:

ISO Additional Insured Endorsement: (CG 20 10 or CG 20 26)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA
ISO Additional Insured – Completed Operations (CG 20 37)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA
Broad Form Manuscript Add'l. Insd. Endorsement Reviewed/Acceptable Alternate Accepted Form:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA
Primary Additional Insured Coverage Provided - ISO CG 20 01 or Acceptable Alternate Accepted Form:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA
Waiver of Subrogation - General Liability	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA
Waiver of Subrogation – Workers' Compensation	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA

Additional Coverages/Revisions Approved:

Orland Park Hold Harmless/Indemnity Agreement Accepted: Yes No

Notes / Additional Comments:

Contractual Risk Transfer: Acceptable Not Acceptable

Samantha Cooper

From: Joel Van Essen
Sent: Tuesday, March 4, 2025 8:52 AM
To: Anne Skrodzki; Samantha Cooper; Ivana Lisnich
Cc: Brandi Watson; Mike Mazza; Patrick McLaughlin
Subject: 3/3 Board Meeting- Anne please review so we can award projects

Follow Up Flag: Follow up
Due By: Thursday, March 6, 2025 11:30 AM
Flag Status: Flagged

Categories: Village Events

ans confirmed

Anne,
Please review so we can award the projects.

At the 3/3 Board of Trustees, the following item was approved during the consent agenda. The consent agenda was read at 8:38 for items A-K, but the Mayor entertained a motion by Trustee Milani and 2nd by Trustee Kampas for items A-D, F-K items that includes George Brown Commons Demolition and Site Restoration at 9:29. It was passed with a 7-0 vote at 9:43.

<https://www.youtube.com/watch?v=lvxCYyam33Y>

George Brown Commons Demolition and Site Restoration - ITB 25-008 *Consent agenda ✓*
I move to approve and authorize the execution of a Contractor Agreement between the Village of Orland Park and Anthem Excavation and Demolition Inc. of Itasca, IL as the lowest qualified bid for ITB 25-008 - George Brown Commons Demolition and Site Restoration for an amount of \$67,478.00 plus a \$6,747.80 contingency for a total not-to-exceed contract price of \$74,225.80; AND Authorize the Village Manager to execute all related contracts, subject to Village Attorney review; AND Authorize the Village Manager to approve change orders related to this contract.

Then Item E, RFP 25-012 Catalina Subdivision 2025 Watermain Project - Phase III of III – Award was proposed by Trustee Kampas at 10:19:

I move to WAIVE THE COMPETITIVE BIDDING PROCESS IN FAVOR OF A SOLITICATION OF COMPETITIVE PROPOSALS to approve and authorize the execution of a Contractor Agreement between the Village of Orland Park and Airy's Inc. of Joliet, Illinois, as the lowest cost qualified responsive proposal for RFP 25-012 Catalina Subdivision 2025 Watermain Improvements Project for a cost of \$9,661,051.00 plus a contingency of \$500,000.00 for a total not-to-exceed contract price of

\$10,161,051.00; total authorization AND Authorize the Village Manager to execute all related contracts, subject to Village Attorney review; AND Authorize the Village Manager to approve change orders within the authorized amount. It was passed 6-0 at 11:23 with Trustee Healy abstaining due to business relationship with contractor.

yes ✓

The Red letters were added into and will need to be updated in Legistar. I will send an email to Alex. We will discuss with you and Brandi at next meeting to see if our templates need to be adjusted.

V/R,
Joel

From: [Jessica Schram](#)
To: [Samantha Cooper](#); [Ryan Hill](#)
Cc: [Patrick McLaughlin](#); [estimating](#)
Subject: RE: CONTRACT - Catalina Subdivision 2025 Watermain
Date: Friday, March 21, 2025 3:10:00 PM
Attachments: [jmaoe001.png](#)

[External Mail] Use caution with links and attachments.

Samantha,

We understand that the project drawings will be attached after execution.

We will look out for the email and get it back to you ASAP!

Thank you,

Jessica Schram

Project Accountant
Airy's Inc.
21825 Cherry Hill Road
Joliet, IL 60433
Office: 708-429-0660
Cell: 815-735-1034
jessica.schram@airys.com

From: Samantha Cooper <scooper@orlandpark.org>
Sent: Friday, March 21, 2025 2:48 PM
To: Ryan Hill <ryan.hill@airys.com>
Cc: Patrick McLaughlin <PMcloughlin@orlandpark.org>; Jessica Schram <jessica.schram@airys.com>; estimating <estimating@airys.com>
Subject: CONTRACT - Catalina Subdivision 2025 Watermain

Good afternoon,

We have received everything necessary to proceed with executing the contract. Within the next hour, Mr. Hill should receive an email with a link to e-sign the contract. If you don't see it, please check your spam folder. If still you don't see it, please let me know so I can troubleshoot on my end.

The full contract would also include the project drawings, but to attach them to the e-sign document makes the file too large to go through the BidNet system. Can you please confirm via this email chain that you understand the projects drawings will be attached after execution? I will make sure you get the FULLY executed contract with the drawings.

Thank you,

Samantha Cooper | Public Works Executive Assistant
Village of Orland Park
15655 S. Ravinia Avenue | Orland Park, Illinois 60462
Ph. 708.403.6244 | scooper@orlandpark.org



From: Samantha Cooper
Sent: Monday, March 10, 2025 2:42 PM
To: estimating@airys.com
Cc: Patrick McLaughlin <PMcloughlin@orlandpark.org>
Subject: NOA - Catalina Subdivision 2025 Watermain

Dear Mr. Helm,

The attached Notice of Award is to inform you that on March 3, 2025, the Village of Orland Park Board of Trustees approved awarding Airy's, Inc. the contract for RFP #25-012 Catalina Subdivision 2025 Watermain Project. Please review it carefully.

If you have any questions, please let us know.

Thank you,

Samantha Cooper | Public Works Executive Assistant
Village of Orland Park
15655 S. Ravinia Avenue | Orland Park, Illinois 60462
Ph. 708.403.6244 | scooper@orlandpark.org

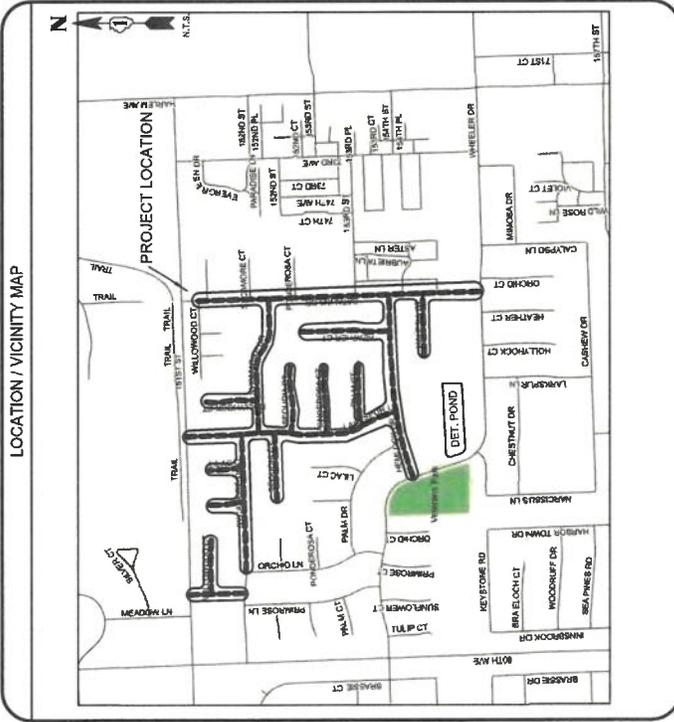


VILLAGE OF ORLAND PARK CATALINA SUBDIVISION 2025 WATER MAIN IMPROVEMENTS PROJECT

INDEX

1	COVER SHEET
2	GENERAL NOTES
3-4	SUMMARY OF QUANTITIES & UTILITY COORDINATION
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9-10	WATER MAIN PLAN AND PROFILE
11-48	REMOVAL AND RESTORATION PLANS
49-47	DETENTION POND EXISTING CONDITIONS
68	& REMOVAL PLAN
69	DETENTION POND PROPOSED GRADING AND DRAINAGE
70	DETENTION POND SOIL EROSION / SEDIMENT AND LANDSCAPE PLAN
71-78	DETENTION POND CROSS SECTION
79-88	CONSTRUCTION DETAILS
89	STAGING EXHIBIT

EXHIBIT A
RFP #25-012
PROJECT
DRAWINGS



IDOT STANDARDS

00001-08	STANDARD SYMBOLS, ABBREY. & PATTERNS
20001-07	TEMPORARY EROSION CONTROL SYSTEMS
42001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
42001-06	DEPRESSED CORNER FOR SIDEWALKS
42201-03	CLAS C AND D PATCHES
80200-11	PRECAST MANHOLE TYPE A 6" DIAMETER
80200-03	FRAME AND LIDS TYPE 1
80401-03	URBAN LANE CLOSURE, 2L 2W UNWOODED
70101-06	URBAN LANE CLOSURE, MULTI-LANE INTERSECTION
70101-10	LANE CLOSURE, MULTI-LANE 1W OR 2W CLOSURE
70101-06	OR SIDEWALK CLOSURE
70101-08	TRAFFIC CONTROL DEVICES

BENCHMARK

SEE ALIGNMENT, TIES, AND BENCHMARKS SHEETS 5-4

LOCATION

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

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

CONSTRUCTABILITY REVIEW BY

[Signature]
ENGINEER

JAMES F. AMELIO
ILLINOIS REGISTRATION No. 062-280779
EXPIRATION DATE: 1/25

DATE: 01/08/2025



CLIENT: **ORLAND PARK**

CB
B

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-4500

PROFESSIONAL DESIGN FIRM NO. 184-001175-0014
EXPIRATION DATE: 06/30/25

CONSTRUCTABILITY REVIEW BY

[Signature]
REVIEWER

DATE: 01/08/2025

**CATALINA SUBDIVISION
 2025 WATER MAIN IMPROVEMENTS
 SUMMARY OF QUANTITIES AND
 UTILITY COORDINATION**

NO.	DATE	FILE NAME	BY	DATE	DESCRIPTION	CHKD.	MODEL	DATE	BY	TITLE
1										
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ORLAND PARK



CLIENT:

CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 825-0850

SP.	ITEM #	PAY ITEM	UNIT	QUANTITY
*	54103100	DUCTILE IRON WATER MAIN 12"	FOOT	3787
*	54105000	WATER VALVES 8"	EACH	18
*	54105200	WATER VALVES 12"	EACH	4
	54106400	DUCTILE IRON WATER MAIN FITTINGS 8" 11.25 DEGREE BEND	EACH	8
	54109401	DUCTILE IRON WATER MAIN FITTINGS 8" 22.5 DEGREE BEND	EACH	2
	54109400	DUCTILE IRON WATER MAIN FITTINGS 8" 45 DEGREE BEND	EACH	85
	54109414	DUCTILE IRON WATER MAIN FITTINGS 12" 45 DEGREE BEND	EACH	10
*	54400500	FIRE HYDRANTS TO BE REMOVED	EACH	37
*	54400810	FIRE HYDRANT EXTENSION	FOOT	2
*	54400815	FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE	EACH	44
	60200105	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2
	60203605	CATCH BASINS, TYPE A, 3' DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1
	60211100	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
	60223700	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	6
	60233800	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9
	60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1
	60248900	VALVE VAULTS, TYPE A, 3'-0" DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	22
	67100100	MOBILIZATION	L SUM	1
	70024200	TRAFFIC CONTROL AND PROTECTION, STANDARD 700561	L SUM	1
	70024205	TRAFFIC CONTROL AND PROTECTION, STANDARD 700791	L SUM	1
	70024240	TRAFFIC CONTROL AND PROTECTION, STANDARD 700801	L SUM	1
	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	175
	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	400
*	X0314878	ADJUSTING SANITARY SEWER SERVICE LINE	EACH	392
*	X0325379	DIRECTIONAL BORING	FOOT	210
*	X03318406	WASHOUT BASIN	L SUM	1
*	X1200043	PRECAST CONCRETE JUNCTION CHAMBER	EACH	4
*	X1200746	WATER MAIN CASING PIPE	FOOT	30
*	X2010410	TREE TRIMMING	EACH	200
*	X2062350	TRENCH BACKFILL (SPECIAL)	CU YD	21773
*	X2119010	EXPLORATION TRENCH (SPECIAL)	FOOT	150
*	X4080280	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	50 YD	124
*	X5310308	SANITARY SEWER REMOVAL 8"	FOOT	532
*	X5310310	SANITARY SEWER REMOVAL 10"	FOOT	21
*	X5520706	CONNECTION TO EXISTING WATER MAIN 6"	EACH	3
*	X5520708	CONNECTION TO EXISTING WATER MAIN 8"	EACH	3

SP.	ITEM #	PAY ITEM	UNIT	QUANTITY
	20101100	TREE TRUNK PROTECTION	EACH	200
	20101200	TREE ROOT PRUNING	EACH	200
*	20200100	EARTH EXCAVATION	CU YD	15706
	21101025	TOPSOIL FURNISH AND PLACE 6"	50 YD	15491
	25000100	SEEDING, CLASS 1	ACRE	3.2
	25100630	EROSION CONTROL BLANKET	50 YD	15491
	25200100	SODDING	50 YD	1332
	25200200	SUPPLEMENTAL WATERING	UNIT	604
	26000400	PERIMETER EROSION BARRIER	FOOT	2278
	31101800	SUBBASE GRANULAR MATERIAL, TYPE B 8"	50 YD	350
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100
	44200200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	50 YD	380
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 3 INCH	50 FT	1209
	42400800	DETECTABLE WARNING	50 FT	314
	44000300	DRIVEWAY PAVEMENT REMOVAL	50 YD	514
	44000400	SIDEWALK REMOVAL	50 FT	1209
	44201616	CLASS D PATCHES, TYPE IV, 2 INCH	50 YD	14772
	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	11
	55100000	STORM SEWER REMOVAL 6"	FOOT	3823
	55100400	STORM SEWER REMOVAL 10"	FOOT	40
	55100600	STORM SEWER REMOVAL 12"	FOOT	236
	55100700	STORM SEWER REMOVAL 15"	FOOT	135
	55100900	STORM SEWER REMOVAL 18"	FOOT	231
	55101100	STORM SEWER REMOVAL 21"	FOOT	153
	55101300	STORM SEWER REMOVAL 24"	FOOT	451
	55101300	STORM SEWER REMOVAL 27"	FOOT	73
	55101400	STORM SEWER REMOVAL 30"	FOOT	667
	55106005	STORM SEWER INSTALLATION 4"	FOOT	126
	55106025	STORM SEWER INSTALLATION 12"	FOOT	118
	55106080	STORM SEWER INSTALLATION 36"	FOOT	287
	56100015	DUCTILE IRON WATER MAIN TEE, 8" X 6"	EACH	35
	56100020	DUCTILE IRON WATER MAIN TEE, 8" X 8"	EACH	7
	56100050	DUCTILE IRON WATER MAIN TEE, 12" X 6"	EACH	9
	56100055	DUCTILE IRON WATER MAIN TEE, 12" X 8"	EACH	7
*	56100500	DUCTILE IRON WATER MAIN 6"	FOOT	460
*	56103100	DUCTILE IRON WATER MAIN 8"	FOOT	17288

SP	ITEM #	PAY ITEM	UNIT	QUANTITY
4	X049712	CONNECTION TO EXISTING WATER MAIN 12"	EACH	5
	X021862	VALVE VALVES TO BE REMOVED	EACH	10
	X000679	OUT AND CAP EXISTING WATER MAIN	EACH	6
	X004774	BRICK DRIVEWAY REMOVAL AND REPLACE	50.YD	27
	X007037	SAFETY FENCE	FOOT	2100
	X005949	REMOVE AND REPLACE CURB AND CUTTER [SPECIAL]	FOOT	6730
	Z0013797	STABILIZED CONSTRUCTION ENTRANCE	EACH	3
	Z0013798	CONSTRUCTION LAYOUT	L.SUM	1
	Z0056603	STORM SEWER (WATER MAIN REQUIREMENTS) 6 INCH	FOOT	1823
	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 10 INCH	FOOT	40
	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	842
	Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	335
	Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	393
	Z0056614	STORM SEWER (WATER MAIN REQUIREMENTS) 21 INCH	FOOT	133
	Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	493
	Z0056618	STORM SEWER (WATER MAIN REQUIREMENTS) 27 INCH	FOOT	41
	Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	1653
	Z0056900	SANITARY SEWER 8" (WATER MAIN QUALITY)	FOOT	516
	N/A	12" FLARED END SECTION WITH GRATE	EACH	1
	N/A	8" FLARED END SECTION WITH GRATE	EACH	3
	N/A	45-BUILT DRAWINGS	L.SUM	1
	N/A	ASPHALT PATCH REMOVAL & REPLACEMENT	50.YD	7
	N/A	CASING PIPE	FOOT	30
	N/A	GARBAGE MATTRESS	CU.YD	73
	N/A	ITEMS ORDERED BY ENGINEER	DOLLAR	100000
	N/A	PLUG AND BLOCK EXISTING SEWER	EACH	2
	N/A	PRECAST CONCRETE BOX CULVERT END SECTION-2% WITH GRATE	EACH	1
	N/A	REMOVE EXISTING BASEBALL FIELDS	L.SUM	1
	N/A	SANITARY SEWER 8" (DUCTILE IRON)	FOOT	16
	N/A	SANITARY SEWER 10" (WATER MAIN QUALITY)	FOOT	21
	N/A	STORM SEWER 36" BOX CULVERT	FOOT	3035
	N/A	WATER SERVICE REPLACEMENT WITH NEW BUFFALO BOX, SHORT SIDE, 1"	EACH	133
	N/A	WATER SERVICE REPLACEMENT WITH NEW BUFFALO BOX, LONG SIDE, 1"	EACH	259
	N/A	WATER SERVICE REPLACEMENT WITH NEW BUFFALO BOX, SHORT SIDE, 1 1/2"	EACH	1
	N/A	WATER SERVICE REPLACEMENT WITH NEW BUFFALO BOX, LONG SIDE, 1 1/2"	EACH	1
	N/A	WATER SERVICE REPLACEMENT WITH NEW BUFFALO BOX, LONG SIDE, 2"	EACH	11

CONTACT INFO	DATE SENT TO UTILTY COMPANY	FINAL RESPONSE DATE	COMMENTS/CONFLICTS
Adesso (Adco Universal) Attn: Ryan 2000 E. Ogden Rd, Suite 245 Glenview Heights, IL 60038 aaron.yates@adesso.com	November 19, 2024		
William NG 2840 W. Bradley Place Chicago, Illinois 60618-4717 william.ng@williamng.com	November 19, 2024		
A131 (Comcast) 11311 Madison Drive, Floor 1 Oak Brook, IL 60523 jms@comcast.com / j052526@att.com	August 28, 2024	October 4, 2024	Watch and Protect Cables
BP Pipelines (NORTH AMERICA) INC. Blake Patrick 30 S. Wacker Drive, Suite 800 Chicago, IL 60606 blake.patrick@bp.com / BPPipelines@bp.com	August 28, 2024	October 7, 2024	Crossings on Catalina Dr. and Wheeler Dr.
Comcast 11311 Madison Drive Oak Brook, IL 60528 martha_jones@comcast.com	August 28, 2024		Did Not Reply
Lee Argus N/A - Electronic Submittals Lee.argus@reconcorp.com	August 28, 2024	October 2, 2024	Watch and Protect Cables
Lucas PLC 1001 Chicago Avenue Madison, WI 53703 East Chicago, IN 46312 henry.davis@lucas.com / henry_davis@recon.com	August 28, 2024		Unresolvable
AGS- Investigations Team n/a Investigations@western.com	August 28, 2024		No Conflicts Anticipated
Nicor Gas Charles "Chip" Perrott 1644 Ferry Road Naperville, IL 60563 james@nicorgas.com	August 28, 2024	October 14, 2024	Relocation at Some Crossings
William Meyer 5532 W 98th Street Oak Lawn, IL 60453 wmyer@williammeyer.com	August 28, 2024		Crossings on Catalina Dr. and Wheeler Dr.
Wood River Pipeline (Buckeye) Brian Barr 3096 Hamilton Blvd. (S 7th Park) Buckeye, OH 43009 barr@woodriverpipeline.com	August 4, 2022		No Conflicts Anticipated

ORLAND PARK

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 822-4500

CLIENT:

TITLE: **CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
SUMMARY OF QUANTITIES AND
UTILITY COORDINATION**

PROJ. NO. 220310
DATE 1/9/2025
SHEET 4 OF 89
DRAWING NO. QUA02

FILE NAME: I:\WORK\2025\220310\Drawings\2025\220310.dwg



**ELEVATION BENCHMARKS
(DATUM: NAVD 88 (GPS OBSERVED))**

NO.	DESCRIPTION	ELEV.
OSBM #1	TOP SE FLANGE BOLT ON FIRE HYDRANT AT 712.59	712.59
	THE SW CORNER OF WHEELER DRIVE AND	
	HEMLOCK DRIVE.	

HORIZONTAL CONTROL POINTS

CP NO.	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
2	1 801 073.87	1 128 056.35	2701+80.03	36.41' LT	CP-XCUT
3	1 801 227.55	1 128 008.29	2700+18.33	37.06' LT	CP-XCUT
4	1 801 363.19	1 128 563.72	2603+79.89	28.40' RT	CP-XCUT

CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0620

ORLAND PARK

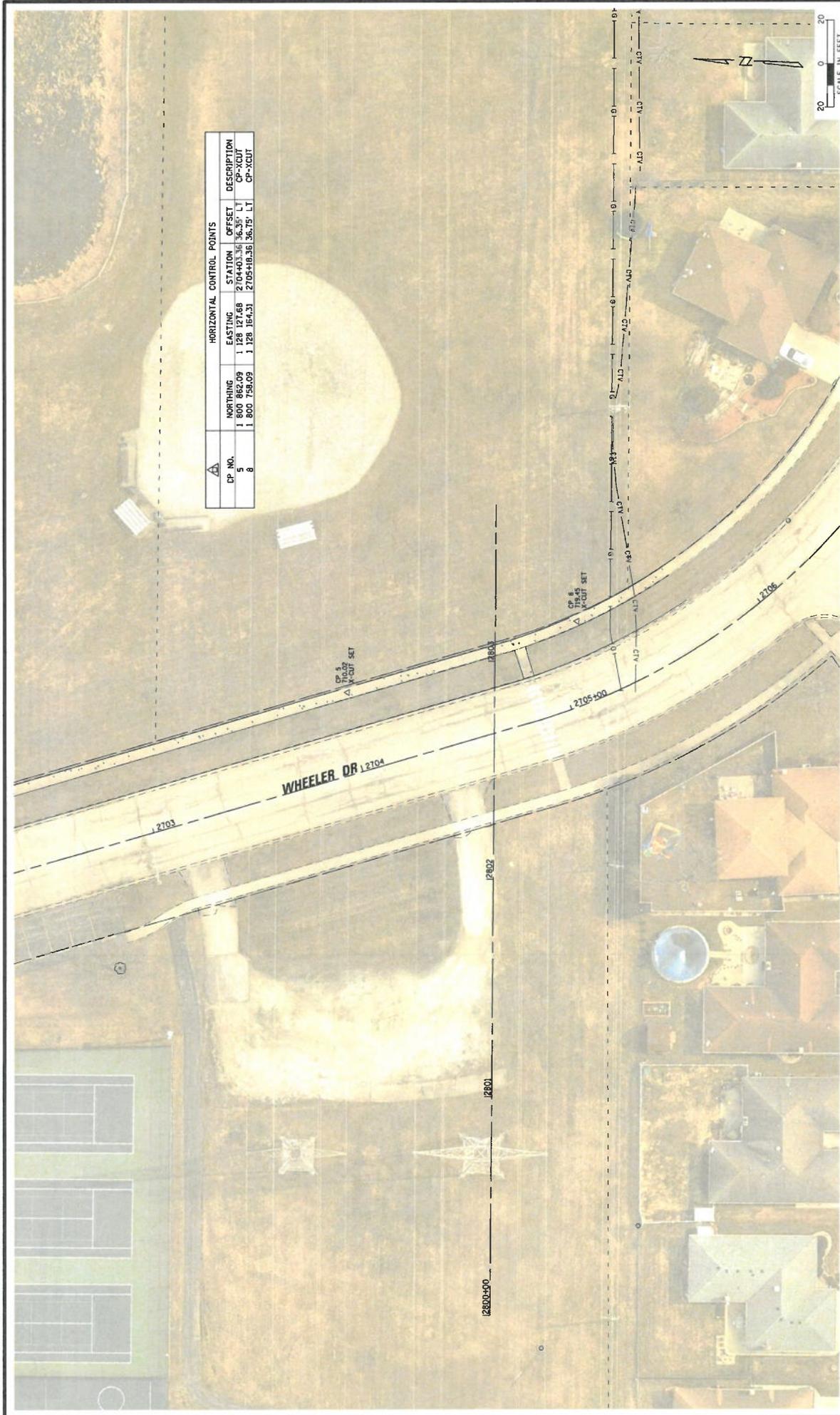
CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
ALIGNMENT, TIES AND BENCHMARKS

PROJ. NO. 220310
 DATE: 1/9/2025
 SHEET 5 OF 89
 DRAWING NO. ATB01

NO.	DATE	NATURE OF REVISION	BY	CHKD.	APP'D.

DISC.	DATE	SCALE	PLOT DATE	CD USEN	REVISED	DATE

SCALE IN FEET
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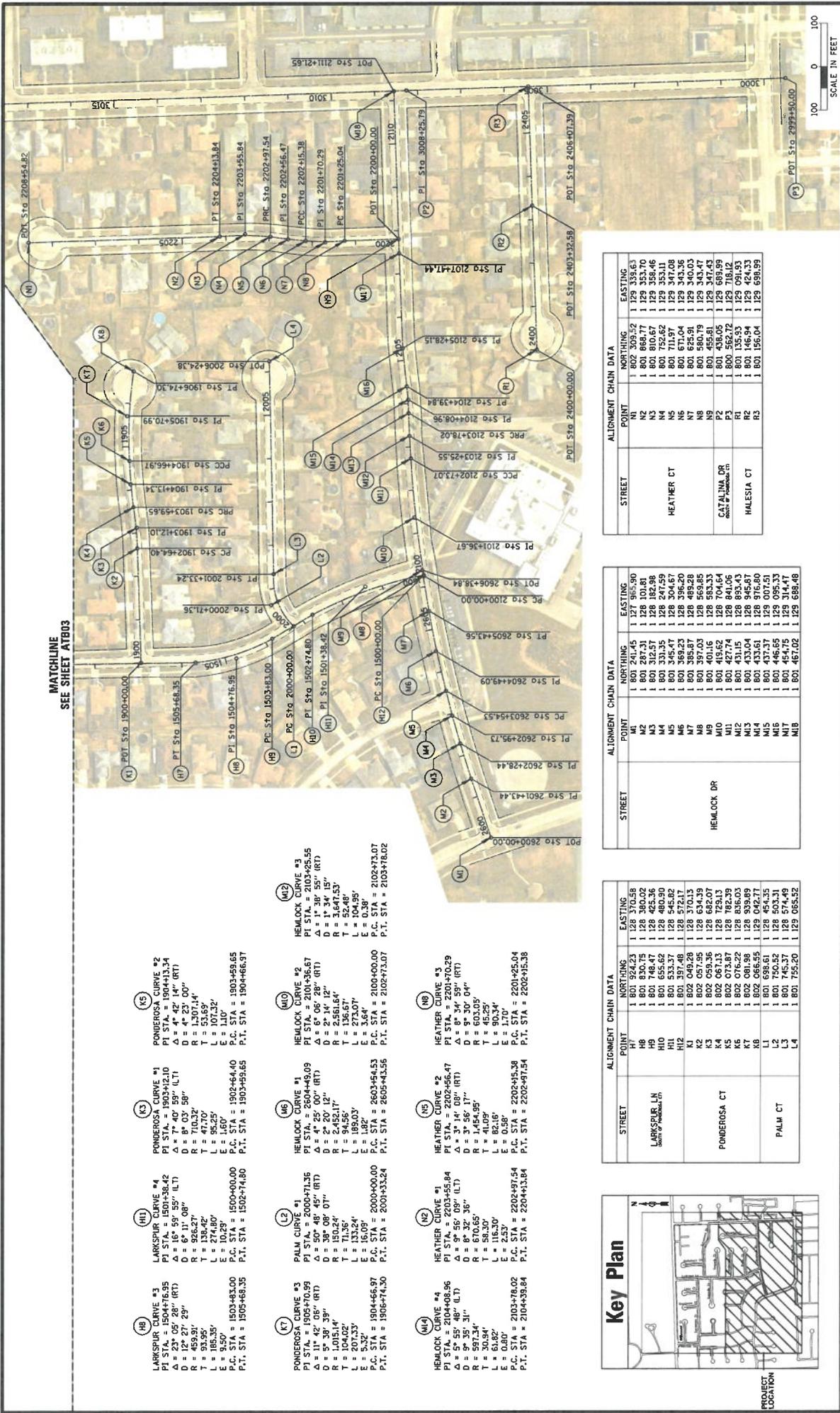
HORIZONTAL CONTROL POINTS			
CP NO.	NORTHING	EASTING	STATION
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8	1 800 758.09	1 128 164.31	2705+18.36
			CP-XCUT
			CP-XCUT

		CLIENT: CHRISTOPHER B. BURKE ENGINEERING, LTD. 855 S.W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 922-0500	
PROJECT: CATALINA SUBDIVISION 2025 WATER MAIN IMPROVEMENTS ALIGNMENT, TIES AND BENCHMARKS		PROJ. NO.: 230310 DATE: 1/7/2025 SHEET # OF #: 6 OF 29 DRAWING NO.: ATB02	
NO. DATE BY DATE DESCRIPTION CHKD. MODEL		DESIGN: S, N BLK: 1, 2 PLAT DATE: 1/7/2025 PLAT USER: BMB/1/7/25 CHKD. MODEL: DeForest	
FILE NAME: I:\ORLANDPARK\2025\CON\25T_#14\2025\2025ORLANDPARK_230310.DWG		TITLE:	

ALIGNMENT CHAIN DATA		ALIGNMENT CHAIN DATA	
STREET	POINT	POINT	POINT
HOLLYHOCK CT	F1	F1	F1
	F2	F2	F2
	F3	F3	F3
	F4	F4	F4
	F5	F5	F5
WEST 151st ST	G1	G1	G1
	G2	G2	G2
	G3	G3	G3
	G4	G4	G4
	G5	G5	G5
LARKSPUR LN	H1	H1	H1
	H2	H2	H2
	H3	H3	H3
	H4	H4	H4
	H5	H5	H5
SEQUOIA CT	J1	J1	J1
	J2	J2	J2
	J3	J3	J3
	J4	J4	J4
	J5	J5	J5
CATALINA DR	P1	P1	P1
	P2	P2	P2
	P3	P3	P3
	P4	P4	P4
	P5	P5	P5

ALIGNMENT CHAIN DATA		ALIGNMENT CHAIN DATA	
STREET	POINT	POINT	POINT
PRIMROSE LN	A1	A1	A1
	A2	A2	A2
	A3	A3	A3
	A4	A4	A4
	A5	A5	A5
WILLOWOOD CT	B1	B1	B1
	B2	B2	B2
	B3	B3	B3
	B4	B4	B4
	B5	B5	B5
STYCAMORE DR	C1	C1	C1
	C2	C2	C2
	C3	C3	C3
	C4	C4	C4
	C5	C5	C5
MARCISSEUS CT	D1	D1	D1
	D2	D2	D2
	D3	D3	D3
	D4	D4	D4
	D5	D5	D5
LILAC CT	E1	E1	E1
	E2	E2	E2
	E3	E3	E3
	E4	E4	E4
	E5	E5	E5

(F6)	HOLLYHOCK CURVE #2 PI STA = 1702+61.04 D = 14' 26" 30" R = 391.73' T = 31.00' L = 61.71' E = 1.33' P.C. STA = 1702+30.04 P.T. STA = 1702+93.04
(F7)	HOLLYHOCK CURVE #1 PI STA = 1703+62.81 D = 11' 52" 34" R = 463.32' T = 35.84' L = 71.42' E = 0.34' P.C. STA = 1703+05.87 P.T. STA = 1703+98.39
(F8)	HOLLYHOCK CURVE #3 PI STA = 1704+81.03 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1704+31.63 P.T. STA = 1704+93.04
(F9)	HOLLYHOCK CURVE #4 PI STA = 1705+112.76 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1705+43.19 P.T. STA = 1705+75.78
(J1)	SEQUOIA CURVE #4 PI STA = 1804+37.29 D = 6' 22" 55" R = 872.23' T = 48.83' L = 95.00' E = 4.36' P.C. STA = 1804+85.10 P.T. STA = 1804+75.78
(J2)	SEQUOIA CURVE #5 PI STA = 1805+80.70 D = 10' 26" 30" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1805+43.19 P.T. STA = 1805+75.78
(J3)	SEQUOIA CURVE #3 PI STA = 1803+37.29 D = 5' 55" 03" R = 991.94' T = 50.75' L = 131.63' E = 1.33' P.C. STA = 1803+86.54 P.T. STA = 1803+87.95
(J4)	SEQUOIA CURVE #2 PI STA = 1802+04.96 D = 11' 47" 14" R = 795.85' T = 82.15' L = 140.22' E = 1.33' P.C. STA = 1802+42.81 P.T. STA = 1802+48.54
(J5)	SEQUOIA CURVE #1 PI STA = 1800+61.56 D = 10' 00" 33" R = 703.02' T = 61.56' L = 124.89' E = 2.68' P.C. STA = 1800+00.00 P.T. STA = 1801+22.81
(H5)	LARKSPUR CURVE #4 PI STA = 1509+76.53 D = 13' 05" 50" R = 437.47' T = 60.96' L = 114.00' E = 1.40' P.C. STA = 1509+14.66 P.T. STA = 1510+55.11
(H6)	LARKSPUR CURVE #3 PI STA = 1508+49.54 D = 15' 51" 15" R = 282.48' T = 77.59' L = 151.72' E = 10.05' P.C. STA = 1508+29.54 P.T. STA = 1509+98.27
(H7)	LARKSPUR CURVE #2 PI STA = 1507+21.21 D = 19' 27" 21" R = 234.49' T = 115.72' L = 37.80' E = 0.34' P.C. STA = 1507+06.54 P.T. STA = 1507+98.17
(H8)	LARKSPUR CURVE #1 PI STA = 1505+07.13 D = 20' 18" 59" R = 222.48' T = 88.76' L = 173.81' E = 13.92' P.C. STA = 1505+00.00 P.T. STA = 1505+46.54
(H9)	STYCAMORE CURVE #2 PI STA = 1609+02.23 D = 10' 07" 27" R = 526.09' T = 18.96' L = 37.80' E = 0.34' P.C. STA = 1609+48.27 P.T. STA = 1609+93.17
(H10)	STYCAMORE CURVE #1 PI STA = 1608+00.00 D = 10' 53" 27" R = 463.32' T = 35.84' L = 71.42' E = 0.34' P.C. STA = 1608+42.81 P.T. STA = 1608+93.17
(H11)	STYCAMORE CURVE #3 PI STA = 1607+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1607+31.63 P.T. STA = 1607+93.17
(H12)	STYCAMORE CURVE #4 PI STA = 1606+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1606+43.19 P.T. STA = 1606+93.17
(H13)	PRIMROSE CURVE #1 PI STA = 1700+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1700+31.63 P.T. STA = 1700+93.17
(H14)	PRIMROSE CURVE #2 PI STA = 1701+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1701+43.19 P.T. STA = 1701+93.17
(H15)	PRIMROSE CURVE #3 PI STA = 1702+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1702+31.63 P.T. STA = 1702+93.17
(H16)	PRIMROSE CURVE #4 PI STA = 1703+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1703+43.19 P.T. STA = 1703+93.17
(H17)	WILLOWOOD CURVE #1 PI STA = 1700+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1700+31.63 P.T. STA = 1700+93.17
(H18)	WILLOWOOD CURVE #2 PI STA = 1701+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1701+43.19 P.T. STA = 1701+93.17
(H19)	WILLOWOOD CURVE #3 PI STA = 1702+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1702+31.63 P.T. STA = 1702+93.17
(H20)	WILLOWOOD CURVE #4 PI STA = 1703+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1703+43.19 P.T. STA = 1703+93.17
(H21)	WILLOWOOD CURVE #5 PI STA = 1704+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1704+31.63 P.T. STA = 1704+93.17
(H22)	WILLOWOOD CURVE #6 PI STA = 1705+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1705+43.19 P.T. STA = 1705+93.17
(H23)	WILLOWOOD CURVE #7 PI STA = 1706+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1706+31.63 P.T. STA = 1706+93.17
(H24)	WILLOWOOD CURVE #8 PI STA = 1707+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1707+43.19 P.T. STA = 1707+93.17
(H25)	WILLOWOOD CURVE #9 PI STA = 1708+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1708+31.63 P.T. STA = 1708+93.17
(H26)	WILLOWOOD CURVE #10 PI STA = 1709+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1709+43.19 P.T. STA = 1709+93.17
(H27)	WILLOWOOD CURVE #11 PI STA = 1710+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1710+31.63 P.T. STA = 1710+93.17
(H28)	WILLOWOOD CURVE #12 PI STA = 1711+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1711+43.19 P.T. STA = 1711+93.17
(H29)	WILLOWOOD CURVE #13 PI STA = 1712+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1712+31.63 P.T. STA = 1712+93.17
(H30)	WILLOWOOD CURVE #14 PI STA = 1713+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1713+43.19 P.T. STA = 1713+93.17
(H31)	WILLOWOOD CURVE #15 PI STA = 1714+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1714+31.63 P.T. STA = 1714+93.17
(H32)	WILLOWOOD CURVE #16 PI STA = 1715+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1715+43.19 P.T. STA = 1715+93.17
(H33)	WILLOWOOD CURVE #17 PI STA = 1716+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1716+31.63 P.T. STA = 1716+93.17
(H34)	WILLOWOOD CURVE #18 PI STA = 1717+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1717+43.19 P.T. STA = 1717+93.17
(H35)	WILLOWOOD CURVE #19 PI STA = 1718+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1718+31.63 P.T. STA = 1718+93.17
(H36)	WILLOWOOD CURVE #20 PI STA = 1719+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1719+43.19 P.T. STA = 1719+93.17
(H37)	WILLOWOOD CURVE #21 PI STA = 1720+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1720+31.63 P.T. STA = 1720+93.17
(H38)	WILLOWOOD CURVE #22 PI STA = 1721+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1721+43.19 P.T. STA = 1721+93.17
(H39)	WILLOWOOD CURVE #23 PI STA = 1722+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1722+31.63 P.T. STA = 1722+93.17
(H40)	WILLOWOOD CURVE #24 PI STA = 1723+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1723+43.19 P.T. STA = 1723+93.17
(H41)	WILLOWOOD CURVE #25 PI STA = 1724+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1724+31.63 P.T. STA = 1724+93.17
(H42)	WILLOWOOD CURVE #26 PI STA = 1725+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1725+43.19 P.T. STA = 1725+93.17
(H43)	WILLOWOOD CURVE #27 PI STA = 1726+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1726+31.63 P.T. STA = 1726+93.17
(H44)	WILLOWOOD CURVE #28 PI STA = 1727+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1727+43.19 P.T. STA = 1727+93.17
(H45)	WILLOWOOD CURVE #29 PI STA = 1728+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1728+31.63 P.T. STA = 1728+93.17
(H46)	WILLOWOOD CURVE #30 PI STA = 1729+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1729+43.19 P.T. STA = 1729+93.17
(H47)	WILLOWOOD CURVE #31 PI STA = 1730+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1730+31.63 P.T. STA = 1730+93.17
(H48)	WILLOWOOD CURVE #32 PI STA = 1731+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1731+43.19 P.T. STA = 1731+93.17
(H49)	WILLOWOOD CURVE #33 PI STA = 1732+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1732+31.63 P.T. STA = 1732+93.17
(H50)	WILLOWOOD CURVE #34 PI STA = 1733+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1733+43.19 P.T. STA = 1733+93.17
(H51)	WILLOWOOD CURVE #35 PI STA = 1734+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1734+31.63 P.T. STA = 1734+93.17
(H52)	WILLOWOOD CURVE #36 PI STA = 1735+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1735+43.19 P.T. STA = 1735+93.17
(H53)	WILLOWOOD CURVE #37 PI STA = 1736+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1736+31.63 P.T. STA = 1736+93.17
(H54)	WILLOWOOD CURVE #38 PI STA = 1737+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1737+43.19 P.T. STA = 1737+93.17
(H55)	WILLOWOOD CURVE #39 PI STA = 1738+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1738+31.63 P.T. STA = 1738+93.17
(H56)	WILLOWOOD CURVE #40 PI STA = 1739+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1739+43.19 P.T. STA = 1739+93.17
(H57)	WILLOWOOD CURVE #41 PI STA = 1740+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1740+31.63 P.T. STA = 1740+93.17
(H58)	WILLOWOOD CURVE #42 PI STA = 1741+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1741+43.19 P.T. STA = 1741+93.17
(H59)	WILLOWOOD CURVE #43 PI STA = 1742+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1742+31.63 P.T. STA = 1742+93.17
(H60)	WILLOWOOD CURVE #44 PI STA = 1743+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1743+43.19 P.T. STA = 1743+93.17
(H61)	WILLOWOOD CURVE #45 PI STA = 1744+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1744+31.63 P.T. STA = 1744+93.17
(H62)	WILLOWOOD CURVE #46 PI STA = 1745+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1745+43.19 P.T. STA = 1745+93.17
(H63)	WILLOWOOD CURVE #47 PI STA = 1746+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1746+31.63 P.T. STA = 1746+93.17
(H64)	WILLOWOOD CURVE #48 PI STA = 1747+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1747+43.19 P.T. STA = 1747+93.17
(H65)	WILLOWOOD CURVE #49 PI STA = 1748+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1748+31.63 P.T. STA = 1748+93.17
(H66)	WILLOWOOD CURVE #50 PI STA = 1749+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1749+43.19 P.T. STA = 1749+93.17
(H67)	WILLOWOOD CURVE #51 PI STA = 1750+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63' E = 2.96' P.C. STA = 1750+31.63 P.T. STA = 1750+93.17
(H68)	WILLOWOOD CURVE #52 PI STA = 1751+00.00 D = 10' 26" 22" R = 584.25' T = 50.28' L = 104.64' E = 1.66' P.C. STA = 1751+43.19 P.T. STA = 1751+93.17
(H69)	WILLOWOOD CURVE #53 PI STA = 1752+00.00 D = 10' 17" 39" R = 557.34' T = 49.40' L = 131.63'



MATCHLINE
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(H8) LARKSPUR CURVE #3
PI STA. = 1904+38.42
Δ = 18° 05' 28" (RT)
D = 23' 09" 23"
R = 453.91'
T = 93.95'
L = 185.35'
E = 5.50'
P.C. STA. = 1903+43.00
P.T. STA. = 1904+68.35

(H9) LARKSPUR CURVE #4
PI STA. = 1904+38.42
Δ = 18° 05' 28" (RT)
D = 23' 09" 23"
R = 453.91'
T = 93.95'
L = 185.35'
E = 5.50'
P.C. STA. = 1903+43.00
P.T. STA. = 1904+68.35

(K3) PONDEROSA CURVE #1
PI STA. = 1903+12.10
Δ = 7° 40' 59" (LT)
D = 13' 00" 59"
R = 710.32'
T = 47.70'
L = 95.25'
E = 1.60'
P.C. STA. = 1902+64.40
P.T. STA. = 1903+49.65

(K4) LARKSPUR CURVE #2
PI STA. = 1903+12.10
Δ = 7° 40' 59" (LT)
D = 13' 00" 59"
R = 710.32'
T = 47.70'
L = 95.25'
E = 1.60'
P.C. STA. = 1902+64.40
P.T. STA. = 1903+49.65

(K5) PONDEROSA CURVE #2
PI STA. = 1904+13.34
Δ = 4° 42' 14" (RT)
D = 12' 00" 14"
R = 1,371.44'
T = 53.69'
L = 107.32'
E = 1.10'
P.C. STA. = 1903+49.65
P.T. STA. = 1904+66.97

(M2) HEMLock CURVE #3
PI STA. = 2001+95.55
Δ = 11° 38' 55" (RT)
D = 11' 34' 15"
R = 3,647.53'
T = 52.48'
L = 104.95'
E = 0.80'
P.C. STA. = 2000+00.00
P.T. STA. = 2103+74.02

(M3) HEMLock CURVE #4
PI STA. = 2001+95.55
Δ = 11° 38' 55" (RT)
D = 11' 34' 15"
R = 3,647.53'
T = 52.48'
L = 104.95'
E = 0.80'
P.C. STA. = 2000+00.00
P.T. STA. = 2103+74.02

(M4) HEMLock CURVE #1
PI STA. = 2000+00.00
Δ = 5° 38' 08" (LT)
D = 5' 38' 08"
R = 1,005.14'
T = 104.02'
L = 135.24'
E = 5.123'
P.C. STA. = 1904+66.97
P.T. STA. = 1906+74.50

(M5) HEMLock CURVE #2
PI STA. = 2000+00.00
Δ = 5° 38' 08" (LT)
D = 5' 38' 08"
R = 1,005.14'
T = 104.02'
L = 135.24'
E = 5.123'
P.C. STA. = 1904+66.97
P.T. STA. = 1906+74.50

(M6) HEMLock CURVE #1
PI STA. = 2000+00.00
Δ = 5° 38' 08" (LT)
D = 5' 38' 08"
R = 1,005.14'
T = 104.02'
L = 135.24'
E = 5.123'
P.C. STA. = 1904+66.97
P.T. STA. = 1906+74.50

(M7) HEMLock CURVE #2
PI STA. = 2000+00.00
Δ = 5° 38' 08" (LT)
D = 5' 38' 08"
R = 1,005.14'
T = 104.02'
L = 135.24'
E = 5.123'
P.C. STA. = 1904+66.97
P.T. STA. = 1906+74.50

(M8) HEMLock CURVE #3
PI STA. = 2001+70.29
Δ = 8° 34' 59" (RT)
D = 8' 34' 59"
R = 603.05'
T = 45.29'
L = 90.34'
E = 0.80'
P.C. STA. = 2002+49.54
P.T. STA. = 2002+49.54

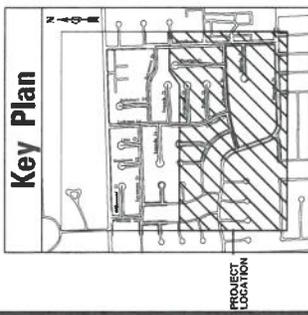
(M9) HEMLock CURVE #4
PI STA. = 2001+70.29
Δ = 8° 34' 59" (RT)
D = 8' 34' 59"
R = 603.05'
T = 45.29'
L = 90.34'
E = 0.80'
P.C. STA. = 2002+49.54
P.T. STA. = 2002+49.54

(N2) HEMLock CURVE #1
PI STA. = 2003+55.84
Δ = 5° 38' 08" (LT)
D = 5' 38' 08"
R = 592.34'
T = 30.94'
L = 58.30'
E = 0.80'
P.C. STA. = 2003+43.24
P.T. STA. = 2004+13.64

(N3) HEMLock CURVE #2
PI STA. = 2003+55.84
Δ = 5° 38' 08" (LT)
D = 5' 38' 08"
R = 592.34'
T = 30.94'
L = 58.30'
E = 0.80'
P.C. STA. = 2003+43.24
P.T. STA. = 2004+13.64

(N4) HEMLock CURVE #3
PI STA. = 2004+08.96
Δ = 5° 38' 08" (LT)
D = 5' 38' 08"
R = 592.34'
T = 30.94'
L = 58.30'
E = 0.80'
P.C. STA. = 2003+43.24
P.T. STA. = 2004+13.64

(N5) HEMLock CURVE #4
PI STA. = 2004+08.96
Δ = 5° 38' 08" (LT)
D = 5' 38' 08"
R = 592.34'
T = 30.94'
L = 58.30'
E = 0.80'
P.C. STA. = 2003+43.24
P.T. STA. = 2004+13.64



STREET	POINT	NORTHING	EASTING
HEATHER CT	M1	1 802 308.52	1 129 335.63
	M2	1 801 864.77	1 129 353.70
	M3	1 801 810.67	1 129 358.46
	M4	1 801 752.62	1 129 353.11
	M5	1 801 711.97	1 129 347.08
	M6	1 801 675.91	1 129 340.03
	M7	1 801 645.94	1 129 343.47
	M8	1 801 620.79	1 129 347.43
	M9	1 801 455.81	1 129 389.99
	M10	1 801 436.05	1 129 389.99
CATALINA DR West of Halesia Ct	P2	1 800 562.72	1 129 316.12
	P3	1 801 152.93	1 129 091.33
	P4	1 801 156.04	1 129 688.99
HALESIA CT	R1	1 801 156.04	1 129 688.99
	R2	1 801 156.04	1 129 688.99
	R3	1 801 156.04	1 129 688.99

STREET	POINT	NORTHING	EASTING
HEMLock DR	M1	1 800 241.45	1 127 985.90
	M2	1 801 287.31	1 128 101.81
	M3	1 801 312.57	1 128 182.98
	M4	1 801 331.35	1 128 247.59
	M5	1 801 345.47	1 128 304.67
	M6	1 801 358.83	1 128 358.20
	M7	1 801 375.81	1 128 415.20
	M8	1 801 391.03	1 128 465.85
	M9	1 801 401.16	1 128 513.33
	M10	1 801 415.62	1 128 564.06
CATALINA DR West of Halesia Ct	P1	1 800 427.74	1 128 841.06
	P2	1 801 411.15	1 128 895.43
	P3	1 801 411.15	1 128 895.43
	P4	1 801 433.61	1 128 976.80
	P5	1 801 437.37	1 129 007.51
	P6	1 801 446.55	1 129 095.33
	P7	1 801 454.75	1 129 314.47
	P8	1 801 467.02	1 129 688.48

STREET	POINT	NORTHING	EASTING
LARKSPUR LN West of Halesia Ct	H1	1 801 324.23	1 128 370.58
	H2	1 801 830.75	1 128 360.02
	H3	1 801 748.47	1 128 425.36
	H4	1 801 655.62	1 128 480.90
PONDEROSA CT	M1	1 801 523.37	1 128 545.82
	M2	1 802 049.28	1 128 370.11
	M3	1 802 057.95	1 128 634.39
	M4	1 802 059.36	1 128 682.07
PALM CT	L1	1 801 698.61	1 128 454.35
	L2	1 801 750.52	1 128 503.31
	L3	1 801 745.37	1 128 574.49
	L4	1 801 755.20	1 129 055.52

CLIENT: **ORLAND PARK**

PROJECT LOCATION: **ORLAND PARK**

8575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 623-9500

DATE: 7/9/2005
SHEET # OF #9
DRAWING NO.
PROJECT NO.

SCALE IN FEET: 1" = 100'

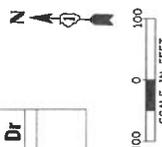
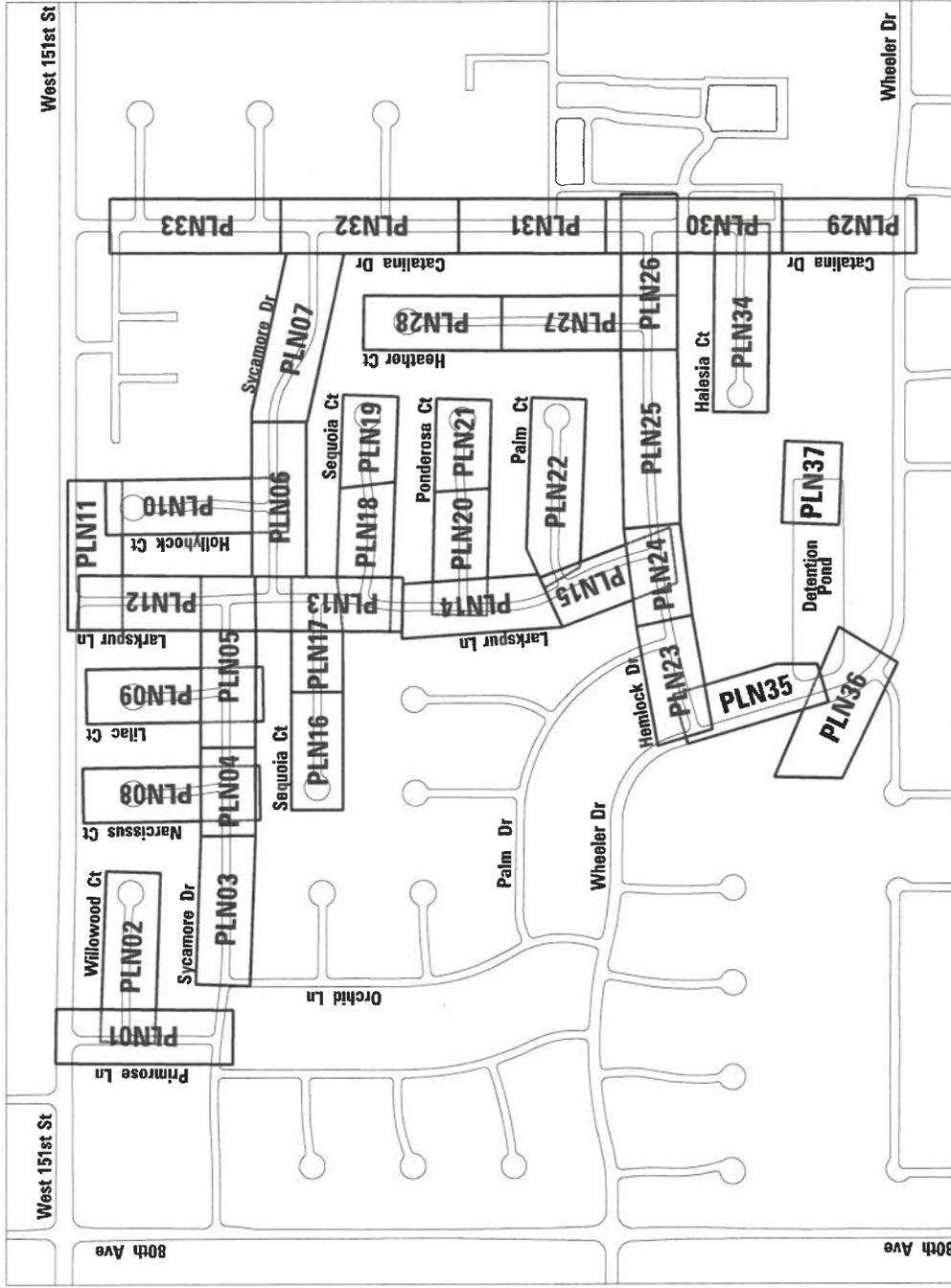
TITLE: **CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
ALIGNMENT, TIES AND BENCHMARKS**

DESIGN: S.W. BURKE
DRAWN: M.L.R.
CHECKED: J.F.A.
IN CHARGE: J.B.B.
DATE: 1/9/2005
SCALE: 1/2" = 100'
CADD USER: jrb
CADD MODEL: jrb

FILE NAME: I:\ORLANDPARK\2005\ORLANDPARK_2005\ORLANDPARK_2005.DWG

ATB04

SHEET	STREET	BEGIN STATION	END STATION
PLN01	Primrose Ln	1000 + 00	1005 + 50
PLN02	Willowood Ct	1100 + 00	1105 + 50
PLN03	Sycamore Dr	1200 + 00	1205 + 00
PLN04	Sycamore Dr	1205 + 00	1208 + 00
PLN05	Sycamore Dr	1208 + 00	1213 + 50
PLN06	Sycamore Dr	1600 + 00	1606 + 00
PLN07	Sycamore Dr	1606 + 00	1612 + 00
PLN08	Narcissus Ct	1300 + 00	1304 + 00
PLN09	Lilac Ct	1400 + 00	1404 + 00
PLN10	Hollyhock Ct	1700 + 00	1705 + 50
PLN11	151st St	3000 + 00	3004 + 00
PLN12	Larkspur Ln	1514 + 00	1520 + 00
PLN13	Larkspur Ln	1509 + 00	1514 + 00
PLN14	Larkspur Ln	1504 + 00	1509 + 00
PLN15	Larkspur Ln	1500 + 00	1504 + 00
PLN16	Sequoia Ct	2499 + 50	2503 + 00
PLN17	Sequoia Ct	2503 + 00	2506 + 50
PLN18	Sequoia Ct	1800 + 00	1804 + 00
PLN19	Sequoia Ct	1804 + 00	1807 + 00
PLN20	Ponderosa Ct	1900 + 00	1904 + 00
PLN21	Ponderosa Ct	1904 + 00	1907 + 00
PLN22	Palm Ct	2000 + 35	2006 + 50
PLN23	Hemlock Dr	2600 + 00	2604 + 00
PLN24	Hemlock Dr	2604 + 00	2101 + 00
PLN25	Hemlock Dr	2101 + 00	2107 + 00
PLN26	Hemlock Dr	2107 + 00	2112 + 00
PLN27	Heather Ct	2200 + 00	2205 + 00
PLN28	Heather Ct	2205 + 00	2209 + 00
PLN29	Catalina Dr	2300 + 00	2304 + 00
PLN30	Catalina Dr	2304 + 00	2310 + 00
PLN31	Catalina Dr	2310 + 00	2315 + 00
PLN32	Catalina Dr	2315 + 00	2321 + 00
PLN33	Catalina Dr	2321 + 00	2326 + 50
PLN34	Halesia Ct	2400 + 00	2406 + 00
PLN35	Wheeler Dr	2700 + 00	2704 + 50
PLN36	Wheeler Dr	2800 + 00	2805 + 00
PLN37	Detention Pond	2906 + 00	2908 + 75



PROJ. NO. 220310
 DATE: 1/7/2025
 SHEET 9 OF 89
 DRAWING NO. KEY01

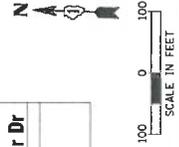
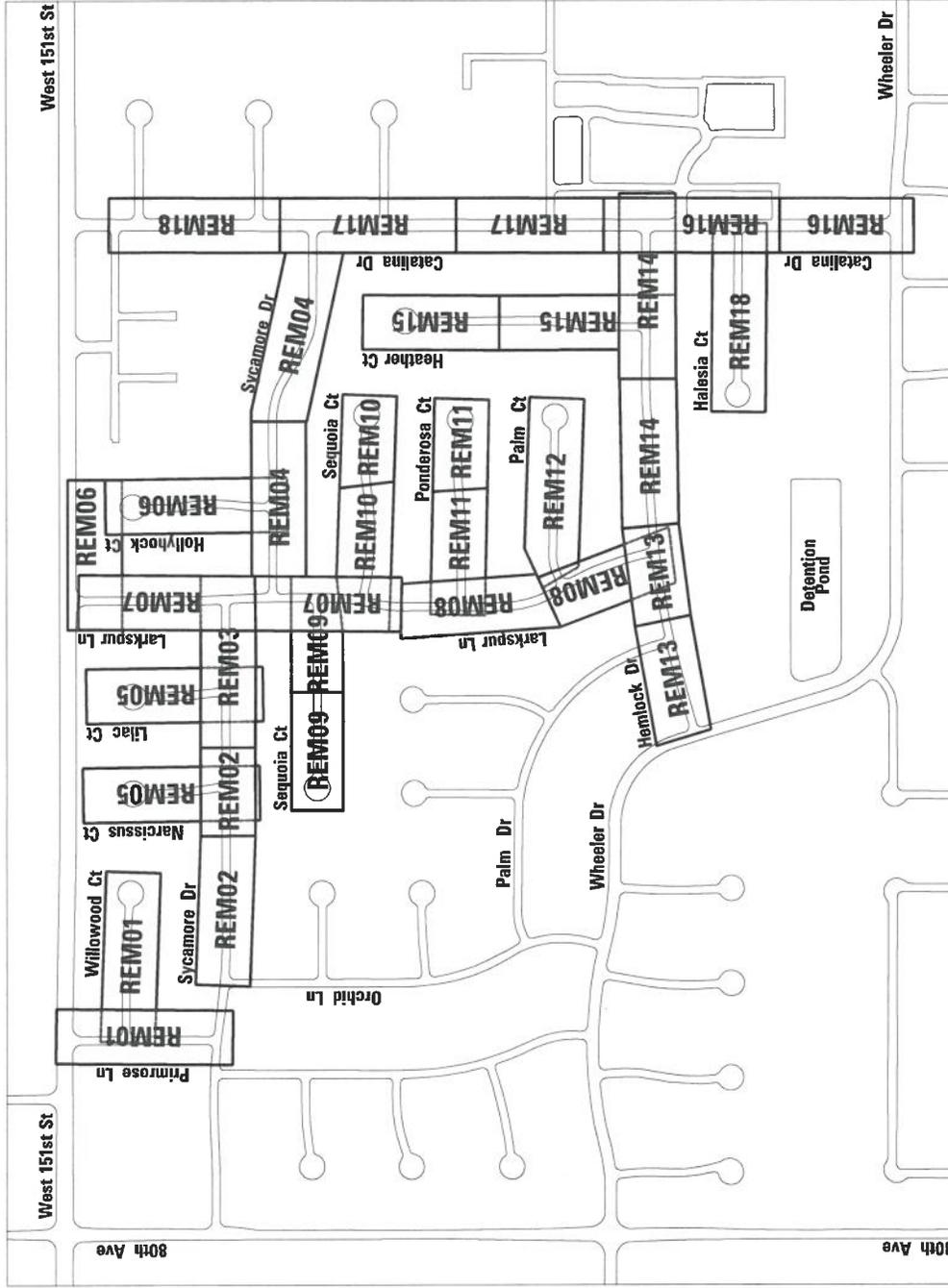
CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
PLAN SHEET LAYOUT AND KEYPLAN

NO.	DATE	NATURE OF REVISION	BY	CHKD.	DATE


ORLAND PARK
 CLIENT:

CHRISTOPHER B. BURKE ENGINEERING, LTD.
 8575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (647) 822-0500

SHEET	STREET	BEGIN STATION	END STATION
REM01	Primrose Ln	1000 + 00	1005 + 50
	Willowood Ct	1100 + 00	1105 + 50
REM02	Sycamore Dr	1200 + 00	1205 + 00
	Sycamore Dr	1205 + 00	1208 + 00
REM03	Sycamore Dr	1208 + 00	1213 + 50
REM04	Sycamore Dr	1600 + 00	1606 + 00
	Sycamore Dr	1606 + 00	1612 + 00
REM05	Narcissus Ct	1300 + 00	1304 + 00
	Lilac Ct	1400 + 00	1404 + 00
REM06	Hollyhock Ct	1700 + 00	1705 + 50
	151st St	3000 + 00	3004 + 00
REM07	Larkspur Ln	1514 + 00	1520 + 00
	Larkspur Ln	1509 + 00	1514 + 00
REM08	Larkspur Ln	1504 + 00	1509 + 00
	Larkspur Ln	1500 + 00	1504 + 00
REM09	Sequoia Ct	2495 + 50	2503 + 00
	Sequoia Ct	2503 + 00	2506 + 50
REM10	Sequoia Ct	1800 + 00	1804 + 00
	Sequoia Ct	1804 + 00	1807 + 00
REM11	Ponderosa Ct	1900 + 00	1904 + 00
	Ponderosa Ct	1904 + 00	1907 + 00
REM12	Palm Ct	2000 + 35	2006 + 50
REM13	Hemlock Dr	2600 + 00	2604 + 00
	Hemlock Dr	2604 + 00	2101 + 00
REM14	Hemlock Dr	2101 + 00	2106 + 00
	Hemlock Dr	2106 + 00	2112 + 00
REM15	Heather Ct	2200 + 00	2205 + 00
	Heather Ct	2205 + 00	2209 + 00
REM16	Catalina Dr	2300 + 00	2304 + 00
	Catalina Dr	2304 + 00	2310 + 00
REM17	Catalina Dr	2310 + 00	2315 + 00
	Catalina Dr	2315 + 00	2321 + 00
REM18	Catalina Dr	2321 + 00	2326 + 50
	Halesia Ct	2400 + 00	2406 + 00



CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (647) 923-4500

CLIENT: **ORLAND PARK**

PROJ. NO. 202010
 DATE: 1/9/2025
 SHEET ID OF 19
 DRAWING NO. **KEY02**

FILE NAME: I:\WORK\2020\202010\202010_151ST\202010_151ST.DWG
 NATURE OF REVISION: **REMOVAL SHEET LAYOUT AND KEYPLAN**

TITLE: **CATALINA SUBDIVISION
 2025 WATER MAIN IMPROVEMENTS
 REMOVAL SHEET LAYOUT AND KEYPLAN**

NO.	DATE	BY	DESCRIPTION

DESC.	KLH	DATE
DRGN.	KLH	JFA
CHKD.	JFA	1/9/2025
PLT DATE		
CAD USER		
EXP. MODEL		



CONTRACTOR SHALL PROTECT CURBS DURING WATERMAIN OR STORM SEWER INSTALLATION; EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED; ANY SEVERELY DAMAGED CURB SHALL BE REPLACED AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES AND STRUCTURES WHERE NECESSARY AT NO ADDITIONAL COST TO THE PROJECT.

LEGEND

DUCTILE IRON WATER MAIN (SIZE VARIES)

STORM SEWERS (SIZE VARIES)

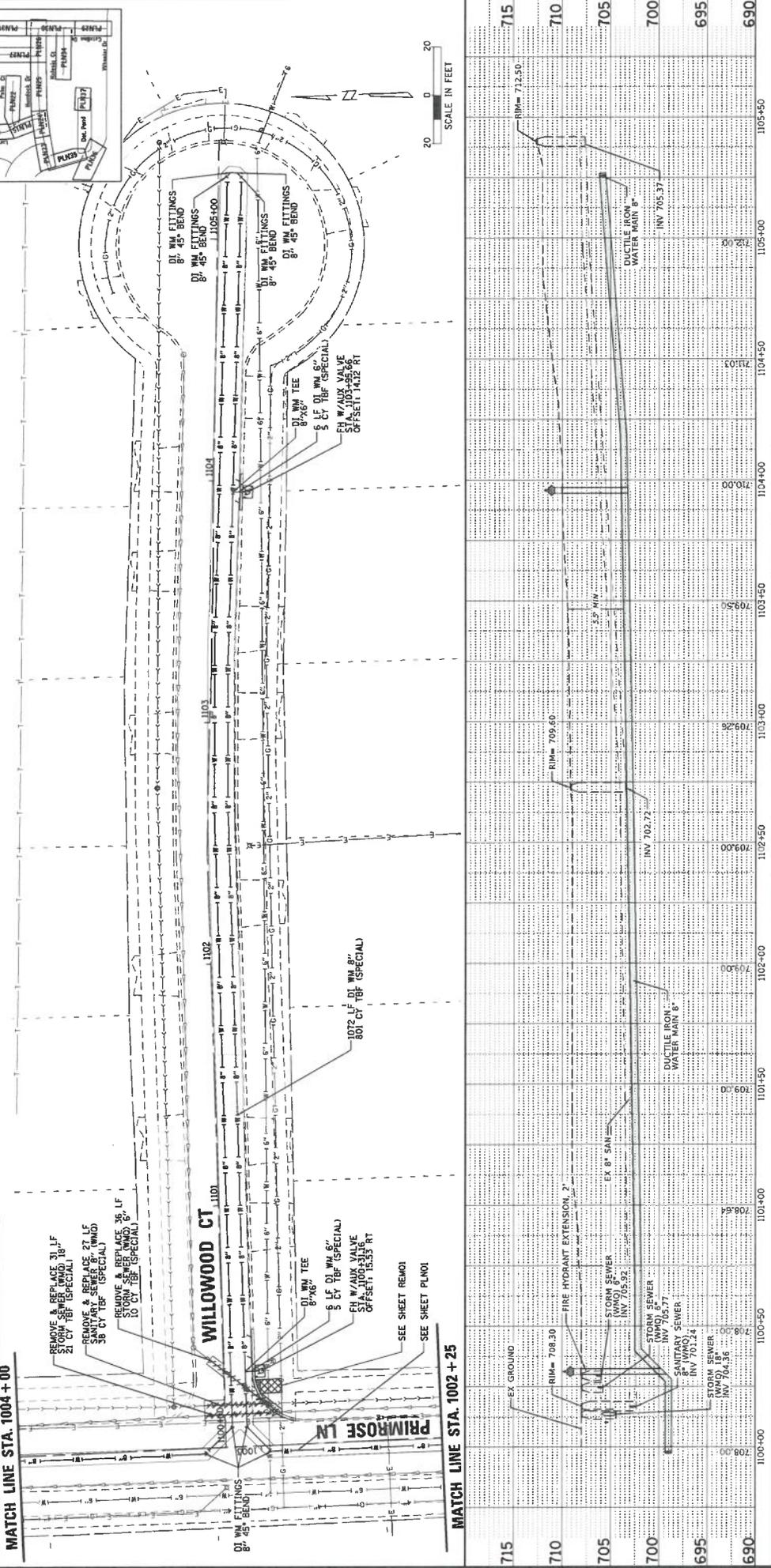
SANITARY SEWERS (SIZE VARIES)

FIRE HYDRANT

VALVE VAULT

PIPE REMOVAL

Pipe I.D.	Type	Sewer Crossing		WM Inv.	WM Crown
		Station	Crossing		
2	ELEC	1100+41.34	706.50	706.33	702.50
2	ELEC	1100+41.34	706.50	706.33	702.50
18	STM	1100+43.65	705.86	704.36	701.83
18	STM	1100+43.65	705.86	704.36	701.83
8	SAN	1100+47.56	701.91	701.24	702.50
8	SAN	1100+47.56	701.79	701.12	702.50
6	STM	1100+24.50	706.27	705.37	702.50
6	STM	1100+29.42	706.62	705.92	702.50



CLIENT: ORLAND PARK

ENGINEER: CHRISTOPHER B. BURKE ENGINEERING, LTD.
8675 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0600

PROJECT: CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
WILLOWOOD COURT
WATER MAIN PLAN AND PROFILE

PROJ. NO.: 202010
DATE: 1/9/2025
SHEET NO. OF 15
DRAWING NO.: PLN02

NO.	DATE	BY	CHKD.	MODEL	NATURE OF REVISION

FILE NAME: I:\WORK\ORLAND\2020\ORLAND_PARK_2025\2025_CATALINA_PLN02_250301.DWG

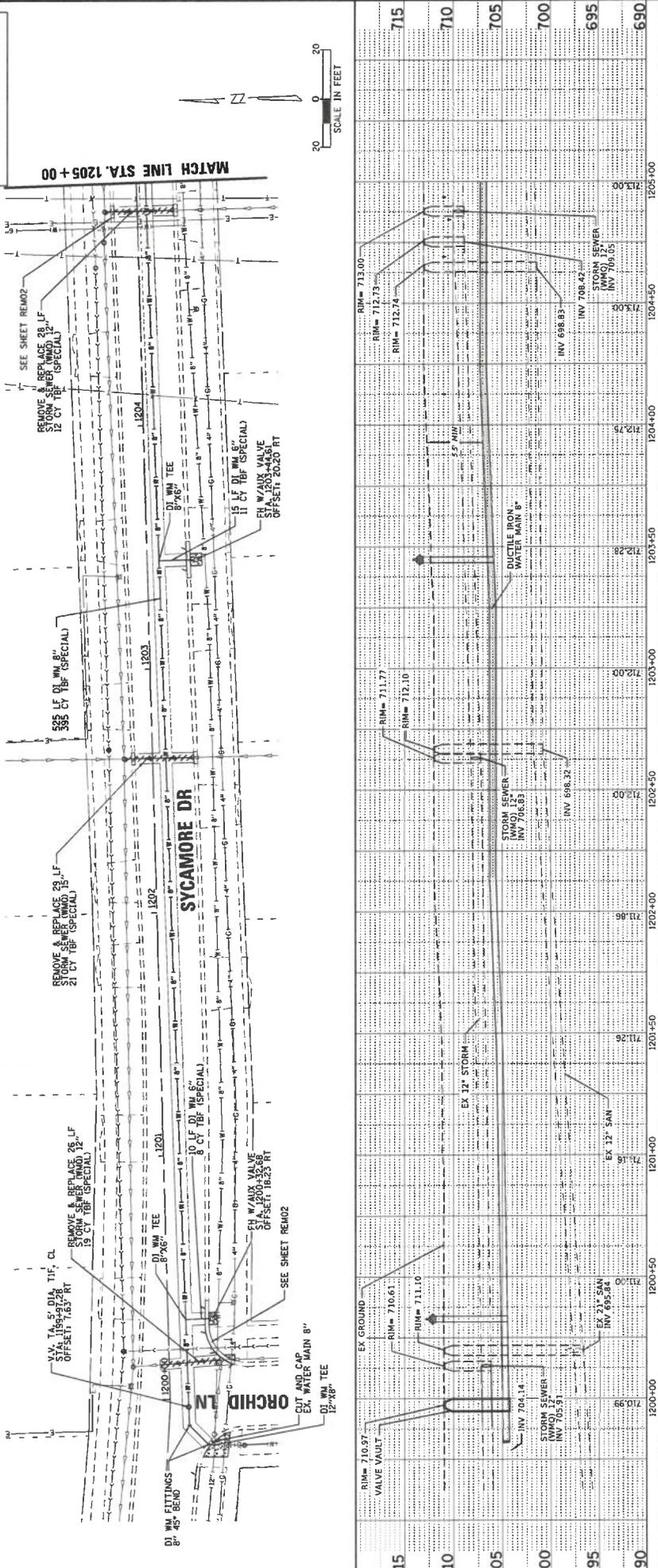


CONTRACTOR SHALL PROTECT CURBS DURING WATERMAIN OR SEWER REPAIRS. CURBS IN PLACE AND UNDISTURBED BY SEVERELY DAMAGED CURBS SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.
CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES WHEN REQUIRED. THE COST SHALL BE INCLUDED IN THE CONTRACT.

LEGEND

- DUCTILE IRON WATER MAIN (SIZE VARIES)
- STORM SEWERS (SIZE VARIES)
- SANITARY SEWERS (SIZE VARIES)
- FIRE HYDRANT
- VALVE VAULT
- PIPE REMOVAL

Pipe L.D.	Type	Crossing Station		Sewer Station		W.M. Invert	W.M. Crown	W.M. Invert	W.M. Crown
		Start	End	Start	End				
12	STM	1200+15.00	705.91	705.91	705.50	704.83			
21	SAN	1200+20.46	687.59	685.84	705.50	704.83			
15	STM	1202+53.39	708.08	706.83	706.50	706.83			
2	TEL	1204+12.46	710.93	710.75	707.43	706.76			
2	TEL	1204+68.89	711.00	710.83	707.50	706.83			
2	ELEC	1204+84.13	711.50	711.33	707.50	706.83			
2	TEL	1204+93.36	711.00	710.83	707.50	706.83			
12	STM	1204+88.30	710.05	709.05	707.50	706.83			



CLIENT:
CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-6500

PROJ. NO. 200310
DATE: 1/9/2025
SHEET 13 OF 89
DRAWING NO. PLN003

ORLAND PARK

TITLE:
CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
SYCAMORE DRIVE
WATER MAIN PLAN AND PROFILE

NO.	DATE	BY	SCALE	DESCRIPTION

NO.	DATE	BY	SCALE	DESCRIPTION

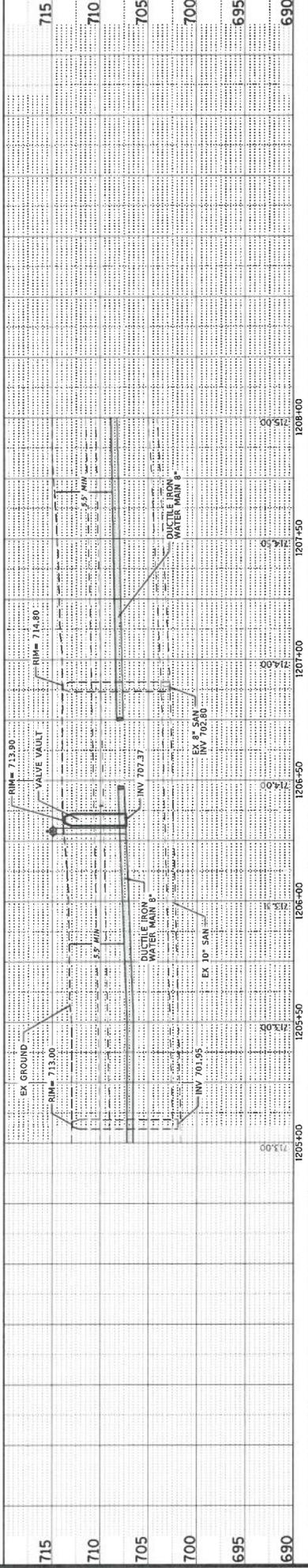
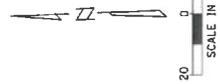
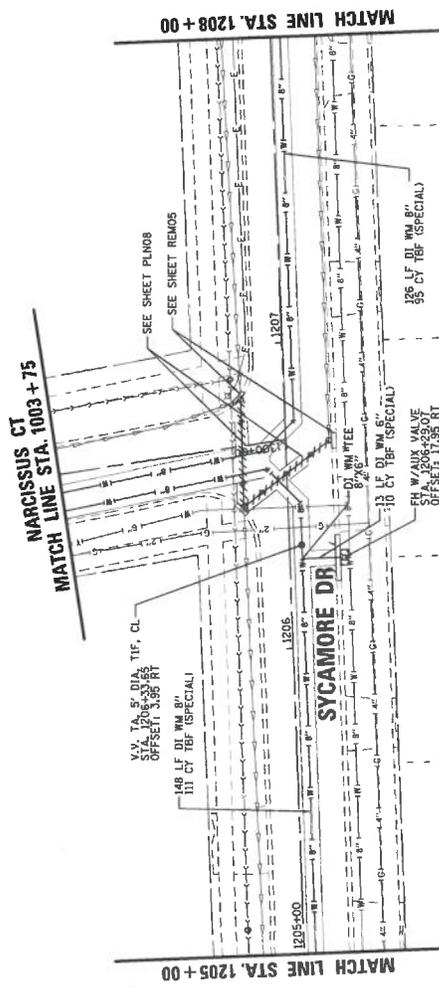
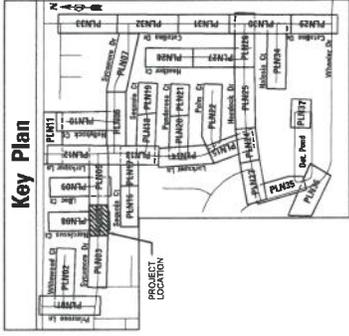
Pipe	Sewer Crossing			WM Inv.
	Crossing Station	Sewer Crown	Sewer Inv.	
2	1206+39.47	711.00	710.83	708.50
				707.83

LEGEND

	DUCTILE IRON WATER MAIN (SIZE VARIES)		FIRE HYDRANT
	STORM SEWERS (SIZE VARIES)		VALVE VAULT
	SEWERS (SIZE VARIES)		PIPE REMOVAL

CONTRACTOR SHALL PROTECT CURBS DURING WATERMAIN OR STORM SEWER INSTALLATION; EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED; ANY SEVERELY DAMAGED CURB SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES NEARBY. BRACING SHALL BE INCLUDED IN THE CONTRACT.



CLIENT CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 610 Rosemont, Illinois 60018 (847) 923-0500		PROJ. NO. 20010 DATE 1/2/2025 SHEET 14 OF 89 DRAWING NO.	
		PL004	
CATALINA SUBDIVISION 2025 WATER MAIN IMPROVEMENTS SYCAMORE DRIVE WATER MAIN PLAN AND PROFILE		TITLE	
NO. DATE 1 INVOLE/PLANS/2025/01/02/CH01/ST		DESIGN S.W./V.H. S.W./V.H. J.F.	
NATURE OF REVISION		DATE	
FILE NAME INVOLE/PLANS/2025/01/02/CH01/ST		CHD. MOOREL DE/OUT	



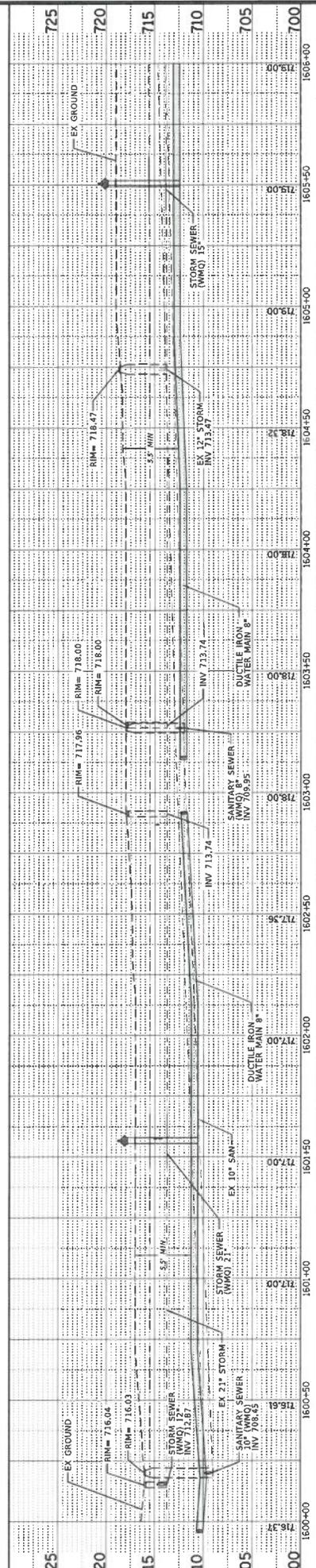
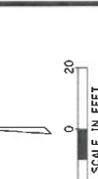
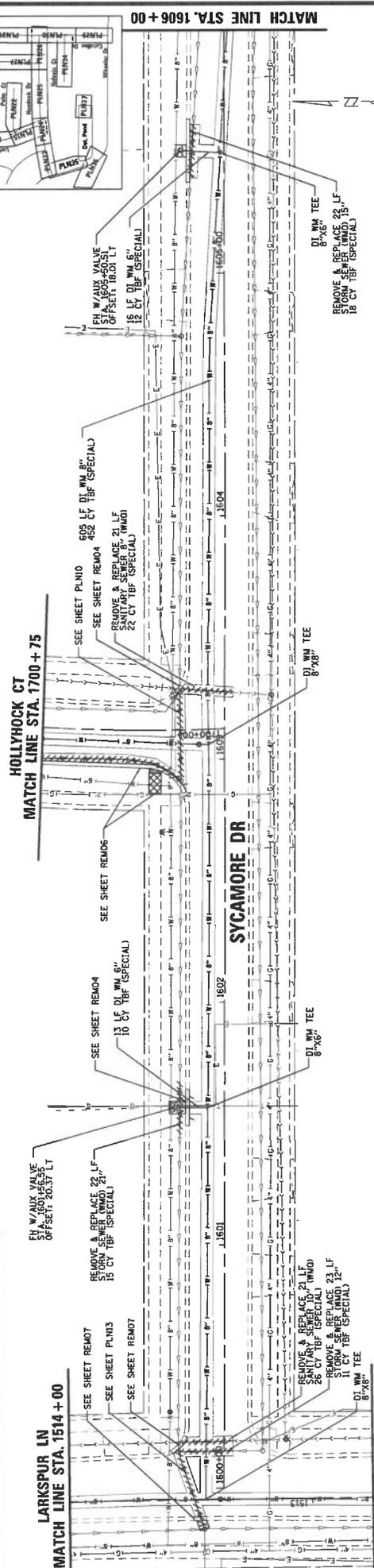


CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION; EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED; ANY SEVERELY DAMAGED CURB SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES NEARBY TO THE PROJECT AT NO ADDITIONAL COST TO THE CONTRACT.



Pile	Sewer Crossing			
	Station	Crown	Inv.	WM Inv.
12	1600+15.15	713.87	712.87	710.54
10	1600+19.10	709.28	708.45	709.83
21	1601+56.58	714.92	713.37	711.06
2	1601+57.27	715.00	714.83	710.83
2	1601+57.53	715.50	715.33	710.83
2	1602+85.45	714.88	714.71	711.71
8	1603+28.27	710.62	709.95	711.83
15	1603+50.23	715.59	713.94	713.00



ORLAND PARK

CHRISTOPHER B. BURKE ENGINEERING, LTD.
8875 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 923-0940

CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
SYCAMORE DRIVE
WATER MAIN PLAN AND PROFILE

PROJ. NO. 200310
DATE: 1/7/2025
SHEET 15 OF 89
DRAWING NO.

FILE NAME: I:\ORLAND\2025\202501\202501_Plan_Profile.dwg

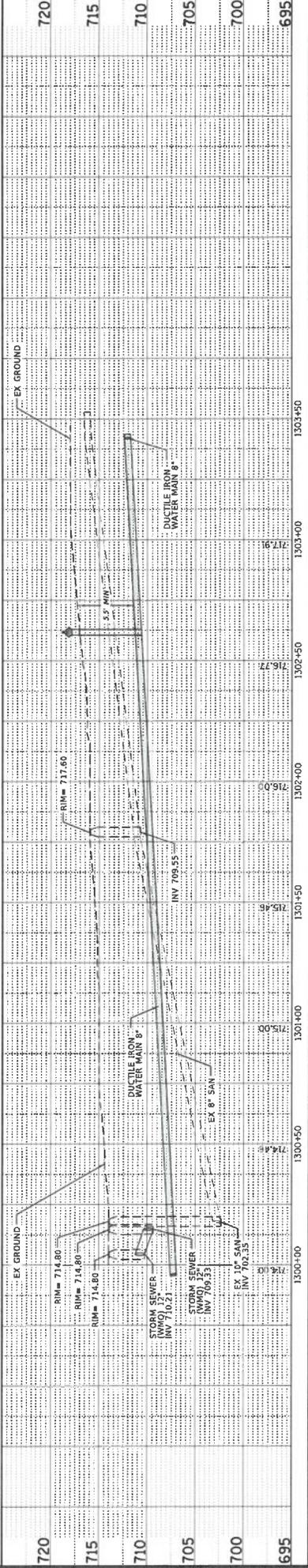
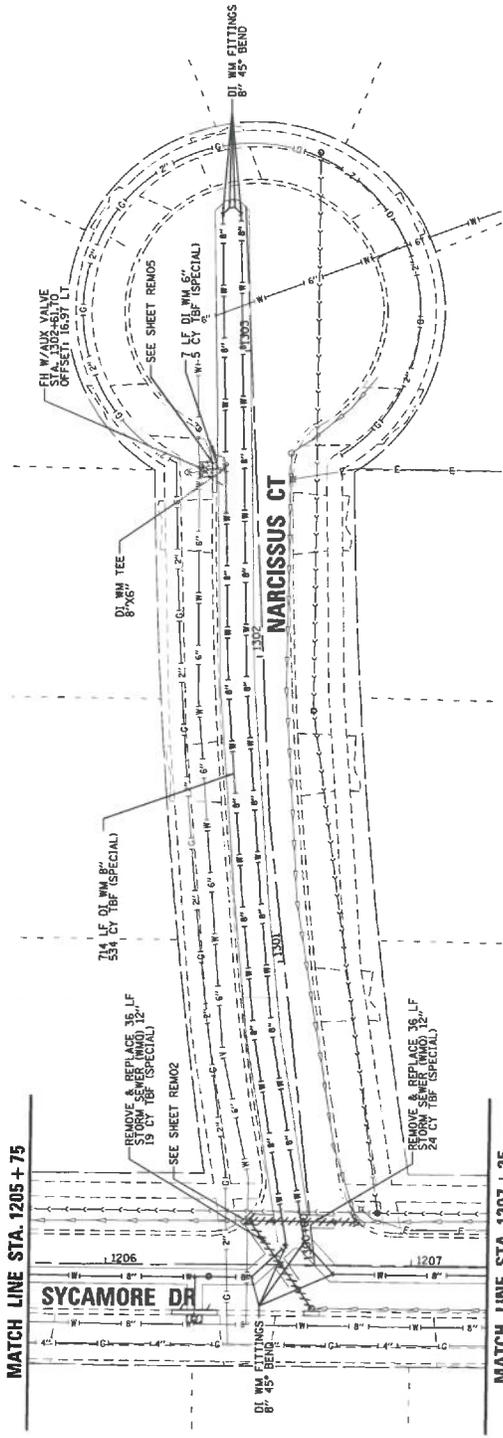


CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION; EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED. ANY SEVERELY DAMAGED CURB SHALL BE REPLACED AT CONTRACTOR'S RISK AND AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACINGS OF LIGHT POLES REQUIRED. THE COST SHALL BE INCLUDED IN THE CONTRACT.



Pipe I.D.	Type	Sewer Crossing		WM Inv.
		Crossing	Sewer	
12	STM	1300+04.37	711.21	708.50
12	STM	1300+14.72	710.33	709.33
12	STM	1300+15.45	710.32	709.32
10	54N	1300+17.91	703.18	702.35
10	54N	1300+18.63	703.07	702.24
				708.50
				707.83



ORLAND PARK

CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60016
 (847) 623-0500

CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
NARCISSEUS COURT
WATER MAIN PLAN AND PROFILE

PROJ. NO. 202310
 DATE: 1/9/2025
 SHEET ID: OF 89
 DRAWING NO.

DESIGN: S.S./A.L.H.
 CHECK: J.F.L.
 DATE: 1/9/2025
 CAD USER: m.w./f.g.
 MODEL: Det/Def

NATURE OF REVISION: FILE NAME: I:\VILLAGE\2023\202301\20230111_0011_0011.DWG



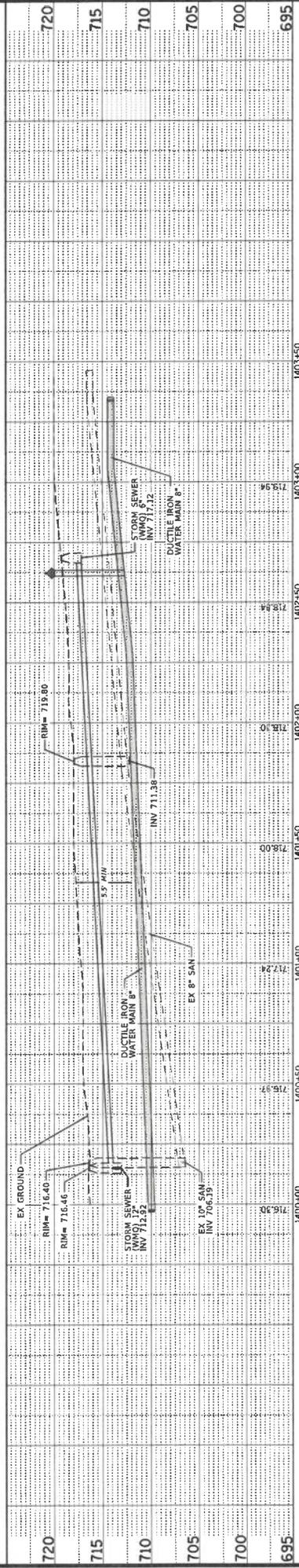
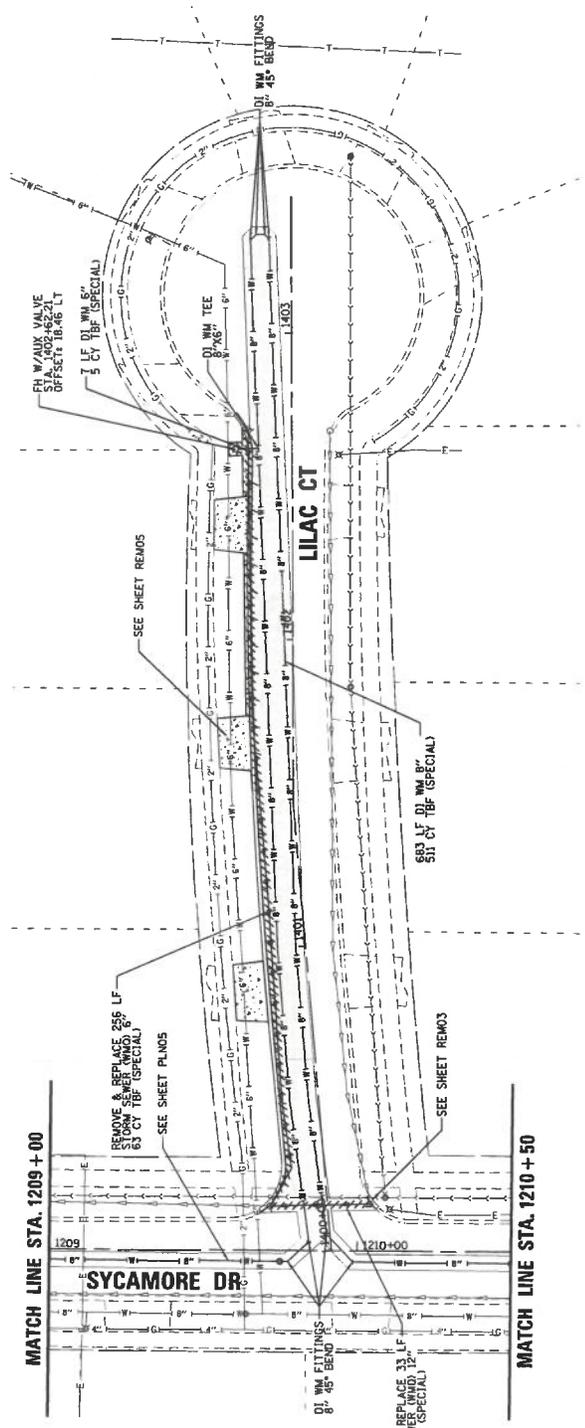
CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION. EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED. ANY SEVERELY DAMAGED CURB SHALL BE REPLACED BY THE CONTRACTOR AT AN ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES WHEN REQUIRED. THE COST SHALL BE INCLUDED IN THE CONTRACT.

LEGEND

—(W)—	DUCTILE IRON WATER MAIN (SIZE VARIES)	Q	FIRE HYDRANT
—(S)—	STORM SEWERS (SIZE VARIES)	○	VALVE VAULT
—(S)—	SANITARY SEWERS (SIZE VARIES)	///	PIPE REMOVAL

Pipe I.D.	Type	Crossing Station	Sewer Crossing		W.M. Inv.
			Crown	Inv.	
12	STM	1400+15.00	714.05	715.05	710.93
12	STM	1400+15.50	713.92	714.92	710.98
10	SAN	1400+17.69	707.02	708.19	710.14
10	SAN	1400+18.35	706.95	708.13	709.98
6	STM	1400+27.97	714.57	714.07	710.74
6	STM	1400+40.35	717.62	717.12	713.00



PRJAL NO. 220310	DATE: 1/7/2025	SHEET 19 OF 89	DRAWING NO.	PLN09
CATALINA SUBDIVISION 2025 WATER MAIN IMPROVEMENTS LILAC COURT WATER MAIN PLAN AND PROFILE				
DESIGN: S.W. BURKE	SCALE: 1"=20'	DATE: 1/7/2025	PROJECT: 2025 WATER MAIN IMPROVEMENTS	CLIENT: ORLAND PARK
CHECK: S.W. BURKE	SCALE: 1"=20'	DATE: 1/7/2025	PROJECT: 2025 WATER MAIN IMPROVEMENTS	CLIENT: ORLAND PARK
NO. DATE	NO. DATE	NO. DATE	NO. DATE	NO. DATE
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CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500



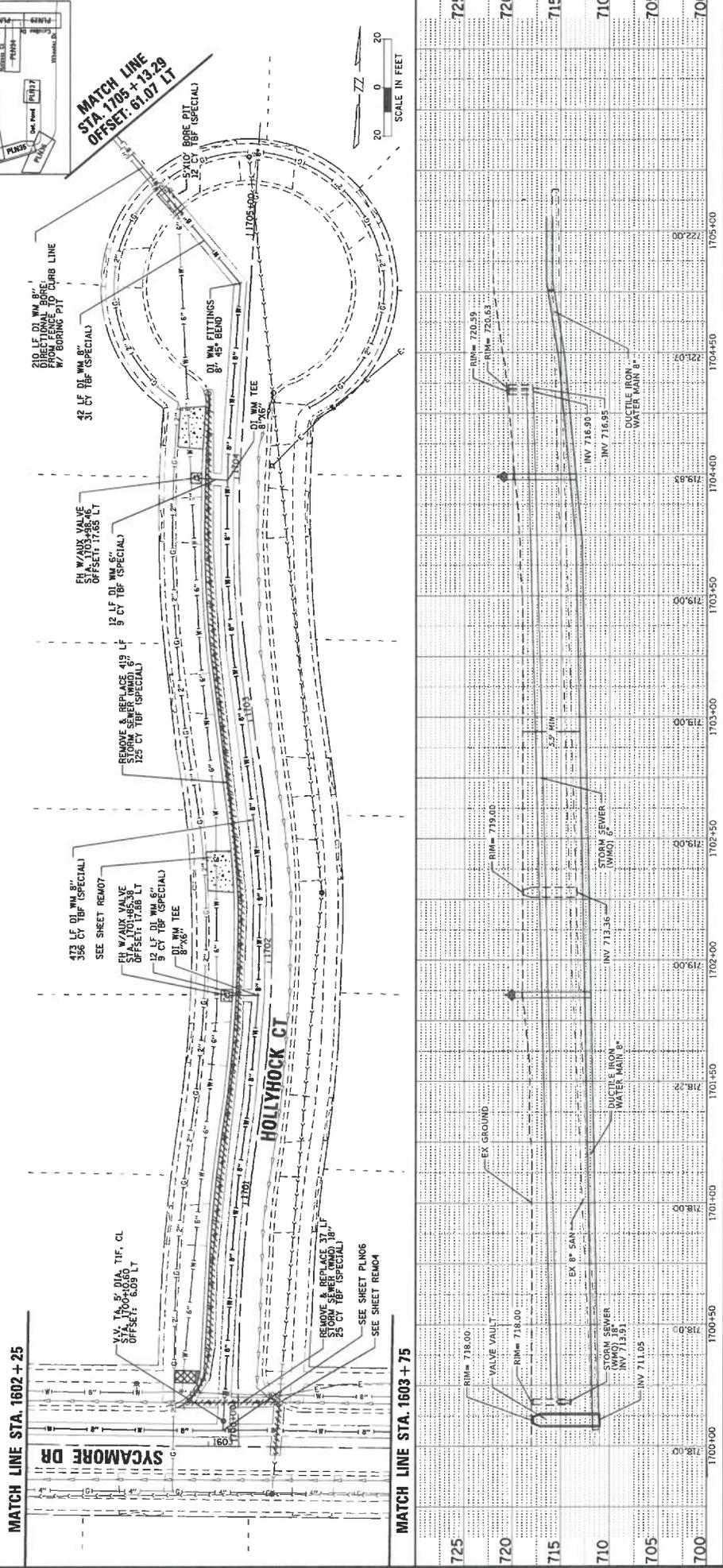
CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION; EXISTING CURB IS TO REMAIN UNLESS OTHERWISE INDICATED. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGED CURB AND SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGED CURB AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES AS REQUIRED. THE COST SHALL BE INCLUDED IN THE CONTRACT.

LEGEND

—W—	DUCTILE IRON WATER MAIN (SIZE VARIES)	Ω	FIRE HYDRANT
—S—	DUCTILE IRON SANITARY SEWER (SIZE VARIES)	○	VALVE VAULT
—S—	DUCTILE IRON SANITARY SEWER (SIZE VARIES)	///	PIPE REMOVAL

Pipe ID.	Type	Sewer Crossing		WM Inv.		
		Station	Station			
18	51M	1700+18.16	715.41	713.91	712.50	711.83
6	51M	1701+85.57	716.87	716.37	713.33	712.83
6	51M	1703+98.44	718.15	717.65	714.30	713.80
2	GAS	1705+42.76	719.42	719.25	716.92	716.25



PROJ. NO. 20310	DATE 1/9/2025	SHEET 20 OF 29	DRAWING NO. PLN10
CATALINA SUBDIVISION 2025 WATER MAIN IMPROVEMENTS HOLLYHOCK COURT WATER MAIN PLAN AND PROFILE			
DESIGNER: SAA/ALH	CHECKED: SAA/ALH	DATE: 1/9/2025	BY: JF
PROJECT: CATALINA SUBDIVISION	CLIENT: CHRISTOPHER B. BURKE ENGINEERING, LTD.	FILE NAME: I:\WORK\2025\CATALINA\2025\PLN10.DWG	NATURE OF REVISION: NONE

ORLAND PARK

CHRISTOPHER B. BURKE ENGINEERING, LTD.
8575 W. Higgins Road, Suite 600
Rosemont, Illinois 60016
(847) 623-6500



CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION. EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED. ANY SEVERELY DAMAGED CURB SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES WHEN REQUIRED. THE COST SHALL BE INCLUDED IN THE CONTRACT.

LEGEND

DUCTILE IRON WATER MAIN (SIZE VARIES)

STORM SEWERS (SIZE VARIES)

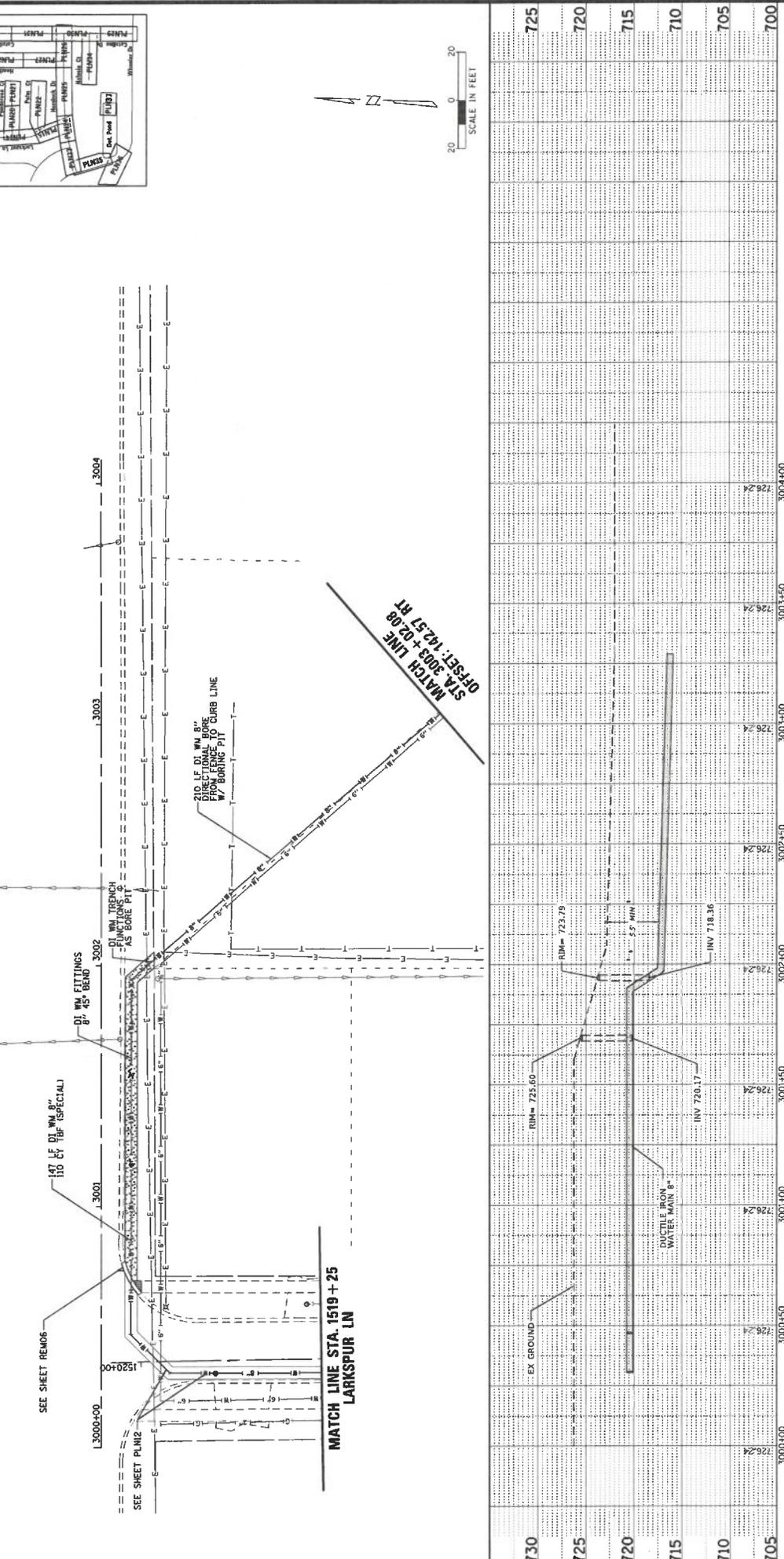
SANITARY SEWERS (SIZE VARIES)

FIRE HYDRANT

VALVE VAULT

PIPE REMOVAL

Pipe I.D.	Type	Sewer Crossing		WM Inv.
		Station	Inv.	
2	ELEC	3001+95.71	723.06	718.56
2	ELEC	3002+03.97	723.50	718.50
2	ELEC	3002+05.37	723.27	717.80
2	TEL	3002+26.09	721.75	718.25



ORLAND PARK

CLIENT: CHRISTOPHER B. BURKE ENGINEERING, LTD.
8575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 822-0500

TITLE: CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
151st STREET
WATER MAIN PLAN AND PROFILE

PLN11

DESIGN	DATE	PROJECT NO.
CHECKED	1/7/2025	220310
SCALE	SHEET 21	OF 89
PLOT DATE	1/7/2025	DRAWING NO.
CAD USER	MPW/MSJ	
NO. DATE		
FILE NAME		



CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION; EXISTING CURB IS TO REMAIN UNLESS OTHERWISE INDICATED. ANY EXCESSIVELY DAMAGED CURB SHALL BE REPLACED WITH MATCHING CURB AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACINGS OF LIGHT PIPES AS REQUIRED. THE COST SHALL BE INCLUDED IN THE CONTRACT.

LEGEND

DUCTILE IRON WATER MAIN (SIZE VARIES)

STORM SEWERS

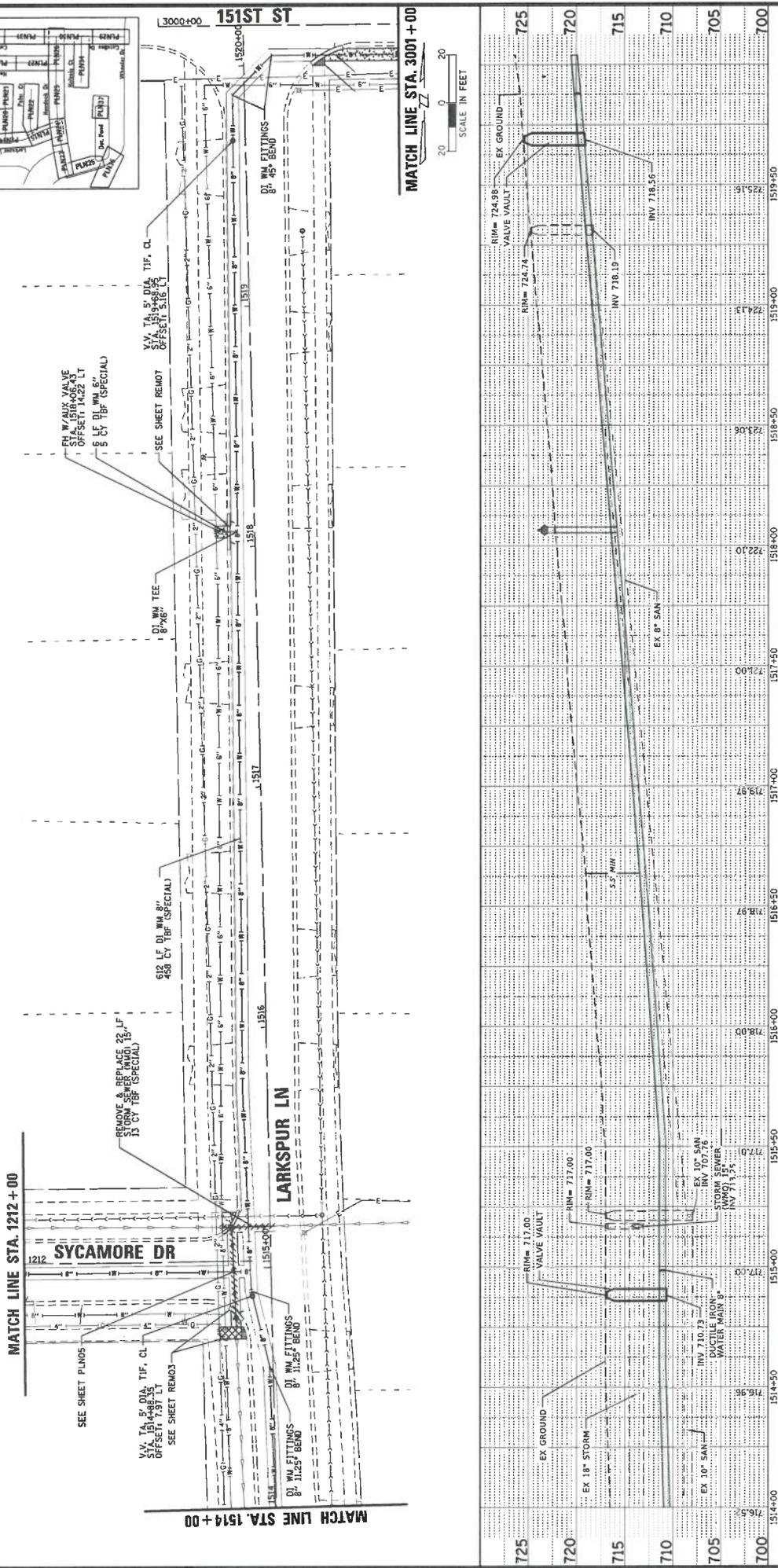
SANITARY SEWERS (SIZE VARIES)

FIRE HYDRANT

VALVE VAULT

PIPE REMOVAL

Pipe ID.	Type	Sewer Crossing		WM Inv.
		Station	Station	
15	STM	1515+47.13	714.50	713.25
10	SAN	1515+21.48	708.55	707.76
2	REC	1519+42.81	724.56	724.59



ORLAND PARK CLIENT:		CATALINA SUBDIVISION 2025 WATER MAIN IMPROVEMENTS LARKSPUR LANE WATER MAIN PLAN AND PROFILE	
PROJ. NO. 220310 DATE: 1/9/2025 SHEET 22 OF 89 DRAWING NO.	DESGN. S.A.W./L.H. DWN. S.A.P./L.H. SCALE: 3/4" = 1'-0" PLOT DATE: 1/9/2025 CND. USER: mpa/afg CHK. MODEL: Defout	TITLE:	PROJ. NO. 220310 DATE: 1/9/2025 SHEET 22 OF 89 DRAWING NO.

CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 923-4500



CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION. EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED. ANY SEVERELY DAMAGED CURB SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PRODUCT OF THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES WHEN REQUIRED. THE COST SHALL BE INCLUDED IN THE CONTRACT.

LEGEND

DUCTILE IRON WATER MAIN (SIZE VARIES)

STORM SEWERS (SIZE VARIES)

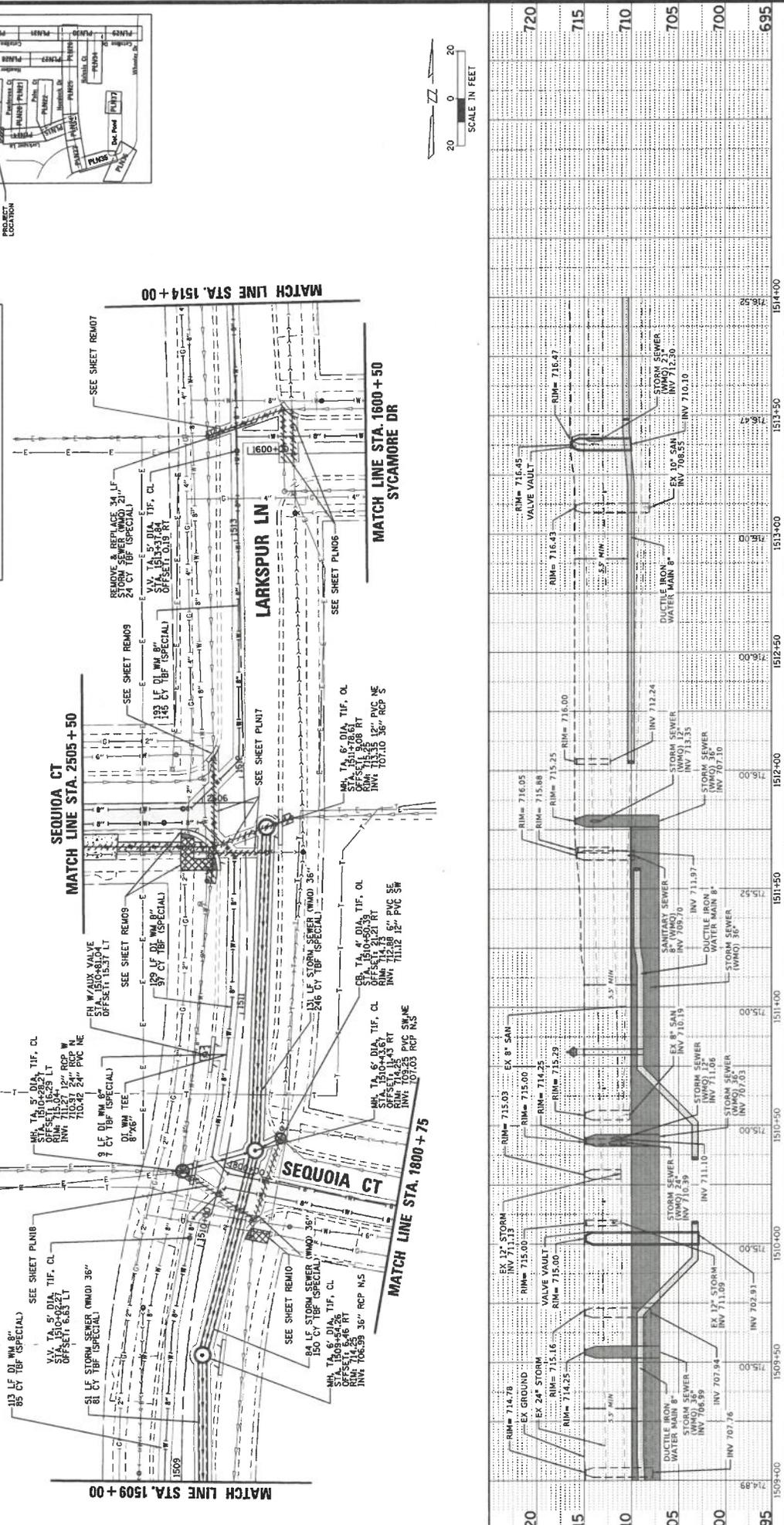
SANITARY SEWERS (SIZE VARIES)

FIRE HYDRANT

VALVE VAULT

PIPE REMOVAL

Pipe	Sewer Crossing		WM Inv.	WM Crown	Inv.
	Type	Station			
PLN13	2	GAS	1510+04.95	713.00	713.83
	2	TEL	1510+64.97	713.00	713.83
	2	TEL	1510+65.67	713.00	713.83
	4	GAS	1513+17.76	713.00	713.83
21	STM	1513+44.46	714.05	713.30	710.97



NO.	DATE	BY	CHKD.	PROJECT	TITLE
1	1/7/2025	PLN	PLN	CATALINA SUBDIVISION	2025 WATER MAIN IMPROVEMENTS
2	1/7/2025	PLN	PLN	LARKSPUR LANE	WATER MAIN PLAN AND PROFILE
3	1/7/2025	PLN	PLN		
4	1/7/2025	PLN	PLN		
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203	1/7/2025				



CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION. EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED. ANY SEVERELY DAMAGED CURB SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES WHEN REQUIRED. THE COST SHALL BE INCLUDED IN THE CONTRACT.

LEGEND

DUCTILE IRON WATER MAIN (SIZE VARIES)

STORM SEWERS (SIZE VARIES)

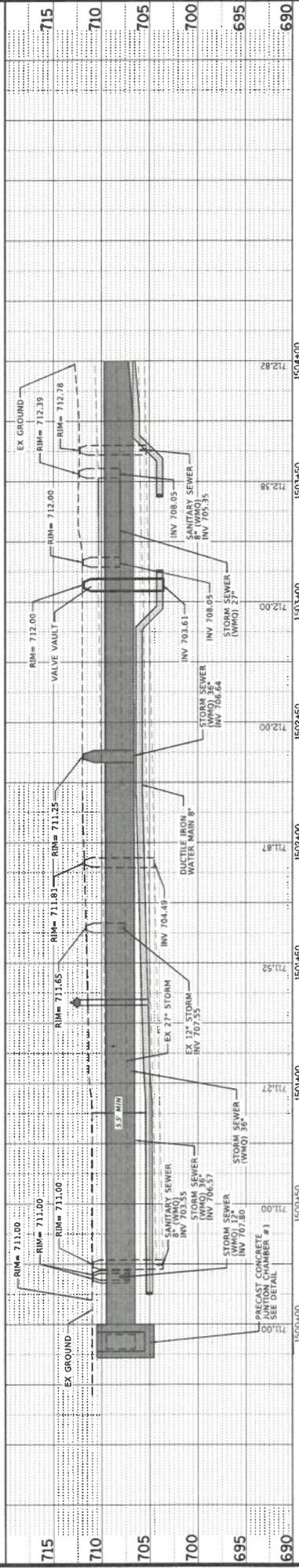
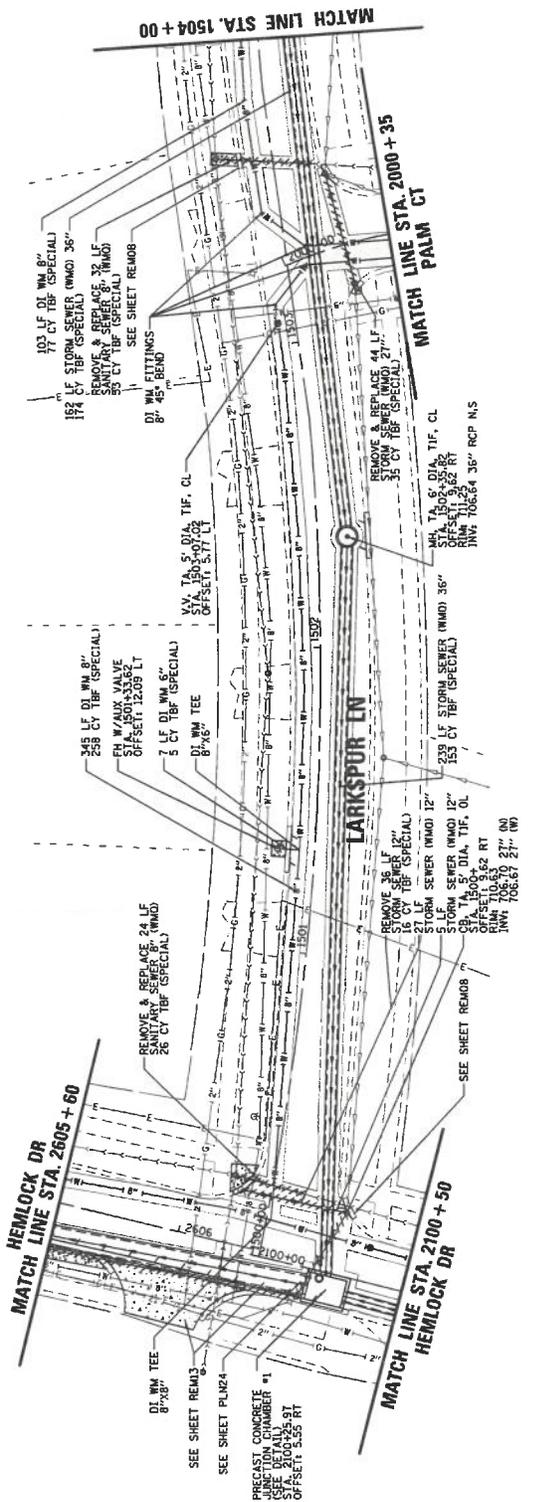
SANITARY SEWERS (SIZE VARIES)

FIRE HYDRANT

VALVE VAULT

PIPE REMOVAL

Pipe I.D.	Type	Crossing Station		Sewer Crossing		W.M. Inv.
		Station	Inv.	Station	Inv.	
12	STM	1500+19.96	707.80	705.50	704.83	704.83
8	SAN	1500+23.52	704.22	705.50	704.83	704.83
2	ELEC	1501+15.42	705.99	705.99	705.32	705.32
2	GAS	1503+04.28	705.00	705.83	705.83	705.83
36	STM	1503+24.60	705.68	706.72	706.05	706.05
27	STM	1503+29.21	705.83	707.59	705.86	705.86
27	STM	1503+29.97	705.84	707.59	705.53	705.86
36	STM	1503+30.60	705.69	706.69	706.75	706.08
8	SAN	1503+60.70	706.02	706.69	706.97	706.30



ORLAND PARK

CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9875 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
LARKSPUR LANE
WATER MAIN PLAN AND PROFILE

PROJ. NO. 220310
 DATE: 1/7/2025
 SHEET 25 OF 89
 DRAWING NO. PLM15

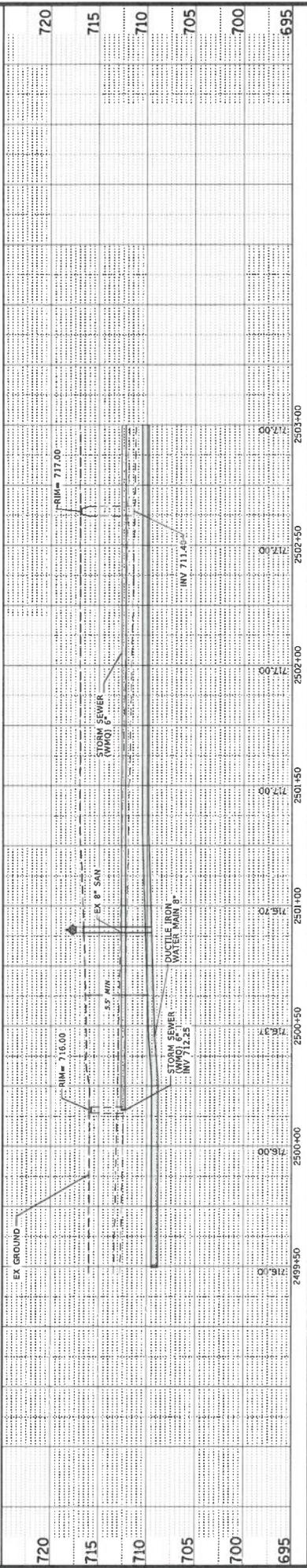
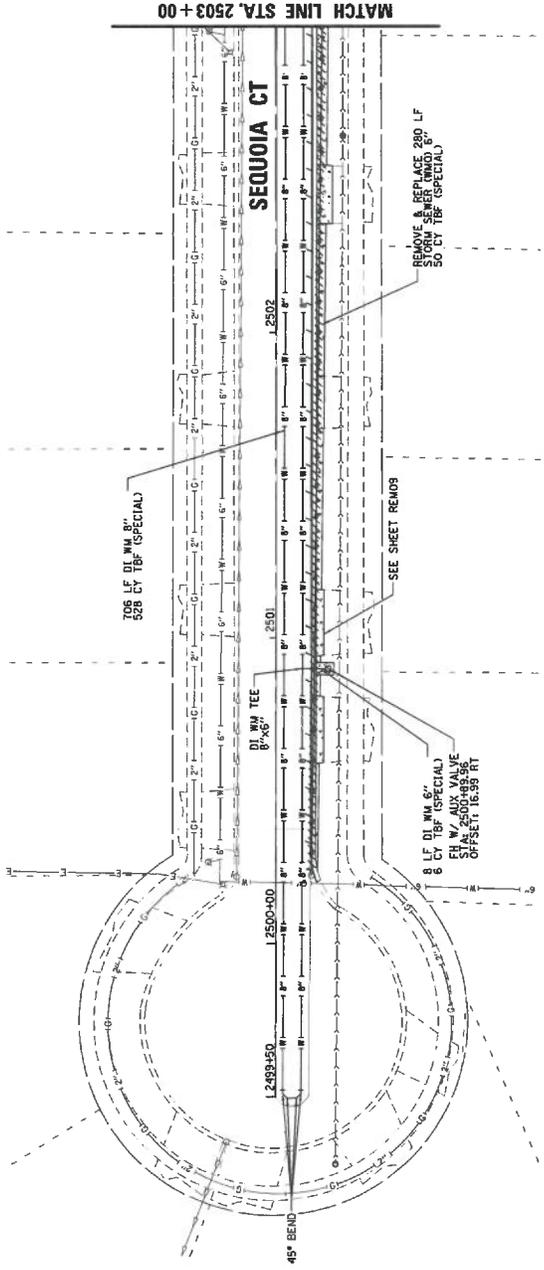


CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION; EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED; ANY SEVERELY DAMAGED CURB SHALL BE REPLACED AT THE CONTRACTOR'S COST. NO ADDITIONAL COST TO THE PROJECT ON THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES NEARBY. THE COST SHALL BE INCLUDED IN THE CONTRACT.

- LEGEND**
- DUCTILE IRON WATER MAIN (SIZE VARIES)
 - STORM SEWERS
 - SANITARY SEWERS (SIZE VARIES)
 - FIRE HYDRANT
 - VALVE VAULT
 - PIPE REMOVAL

Pipe I.D.	Sewer Crossing	
	Crossing Station	WM Inv.
6	2500+89.94	716.50
	715.00	711.29
		710.79



ORLAND PARK CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 800 Rosemont, Illinois 60018 (847) 923-0500		CLIENT:	
		TITLE:	
PROJ. NO. 202310 DATE 1/9/2025 SHEET 26 OF 89 DRAWING NO.	DESK. S.M./W.L.H. DRN. S.A./W.L.H. CHD. J.F.A. PLOT DATE: 1/9/2025 CAD USER: J.F.A./J.S. CHKD. MODEL:	PROJECT: CATALINA SUBDIVISION 2025 WATER MAIN IMPROVEMENTS SEQUOIA COURT WATER MAIN PLAN AND PROFILE	
FILE NAME: I:\ORLANDPARK\2023\CHEN\2503\Plan_2503\250310.dwg	NATURE OF REVISION:	PLIN16	



CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION. EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED. ANY SEVERELY DAMAGED CURB SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES WHEN REQUIRED. THE COST SHALL BE INCLUDED IN THE CONTRACT.

LEGEND

DUCTILE IRON WATER MAIN (SIZE VARIES)

STORM SEWERS (SIZE VARIES)

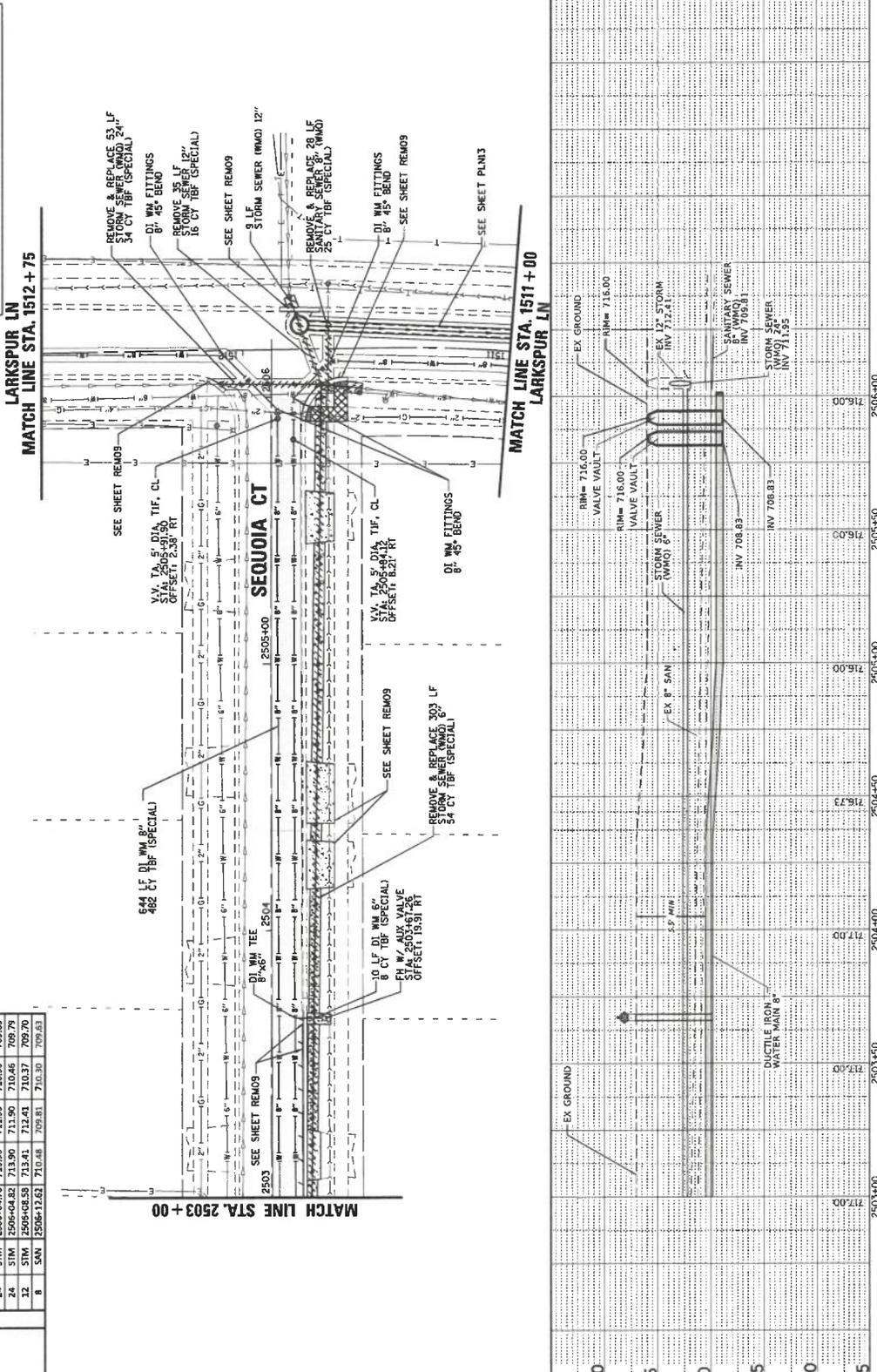
SANITARY SEWERS (SIZE VARIES)

FIRE HYDRANT

VALVE VAULT

PIPE REMOVAL

Pipe I.D.	Type	Creating Station	Sewer Crossing		WM Cover	WM Inv.
			Sewer Cover	Sewer Inv.		
6	STM	2504+02.72	214.26	214.26	211.51	711.01
2	ELEC	2506+75.15	214.50	214.33	210.50	709.83
2	ELEC	2506+75.15	214.50	214.33	210.50	709.83
3	GAS	2505+93.80	213.00	212.83	210.50	709.83
3	GAS	2505+94.16	213.00	212.75	210.50	709.83
24	STM	2506+04.78	213.90	211.90	210.45	709.79
24	STM	2506+04.82	213.90	211.90	210.45	709.79
12	STM	2506+08.59	213.41	213.41	210.37	709.70
8	SAN	2506+12.62	210.48	209.81	210.30	709.63



Station	Profile	Ground	Proposed
2503+00	717.00	717.00	717.00
2503+50	716.73	716.73	716.73
2504+00	716.00	716.00	716.00
2504+50	715.00	715.00	715.00
2505+00	715.00	715.00	715.00
2505+50	715.00	715.00	715.00
2506+00	715.00	715.00	715.00
2506+50	715.00	715.00	715.00
2507+00	715.00	715.00	715.00
2507+50	715.00	715.00	715.00
2508+00	715.00	715.00	715.00
2508+50	715.00	715.00	715.00
2509+00	715.00	715.00	715.00
2509+50	715.00	715.00	715.00
2510+00	715.00	715.00	715.00
2510+50	715.00	715.00	715.00
2511+00	715.00	715.00	715.00
2511+50	715.00	715.00	715.00
2512+00	715.00	715.00	715.00
2512+50	715.00	715.00	715.00
2513+00	715.00	715.00	715.00
2513+50	715.00	715.00	715.00
2514+00	715.00	715.00	715.00
2514+50	715.00	715.00	715.00
2515+00	715.00	715.00	715.00
2515+50	715.00	715.00	715.00
2516+00	715.00	715.00	715.00
2516+50	715.00	715.00	715.00
2517+00	715.00	715.00	715.00
2517+50	715.00	715.00	715.00
2518+00	715.00	715.00	715.00
2518+50	715.00	715.00	715.00
2519+00	715.00	715.00	715.00
2519+50	715.00	715.00	715.00
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2520+50	715.00	715.00	715.00
2521+00	715.00	715.00	715.00
2521+50	715.00	715.00	715.00
2522+00	715.00	715.00	715.00
2522+50	715.00	715.00	715.00
2523+00	715.00	715.00	715.00
2523+50	715.00	715.00	715.00
2524+00	715.00	715.00	715.00
2524+50	715.00	715.00	715.00
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2525+50	715.00	715.00	715.00
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2526+50	715.00	715.00	715.00
2527+00	715.00	715.00	715.00
2527+50	715.00	715.00	715.00
2528+00	715.00	715.00	715.00
2528+50	715.00	715.00	715.00
2529+00	715.00	715.00	715.00
2529+50	715.00	715.00	715.00
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2535+50	715.00	715.00	715.00
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2536+50	715.00	715.00	715.00
2537+00	715.00	715.00	715.00
2537+50	715.00	715.00	715.00
2538+00	715.00	715.00	715.00
2538+50	715.00	715.00	715.00
2539+00	715.00	715.00	715.00
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2546+50	715.00	715.00	715.00
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2547+50	715.00	715.00	715.00
2548+00	715.00	715.00	715.00
2548+50	715.00	715.00	715.00
2549+00	715.00	715.00	715.00
2549+50	715.00	715.00	715.00
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2583+00	715.00	715.00	715.00
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2593+00	715.00	715.00	715.00
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2594+50	715.00	715.00	715.00
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2597+50	715.00	715.00	715.00
2598+00	715.00	715.00	715.00
2598+50	715.00	715.00	715.00
2599+00	715.00	715.00	715.00
2599+50	715.00	715.00	715.00
2600+00	715.00	715.00	715.00
260			

Key Plan



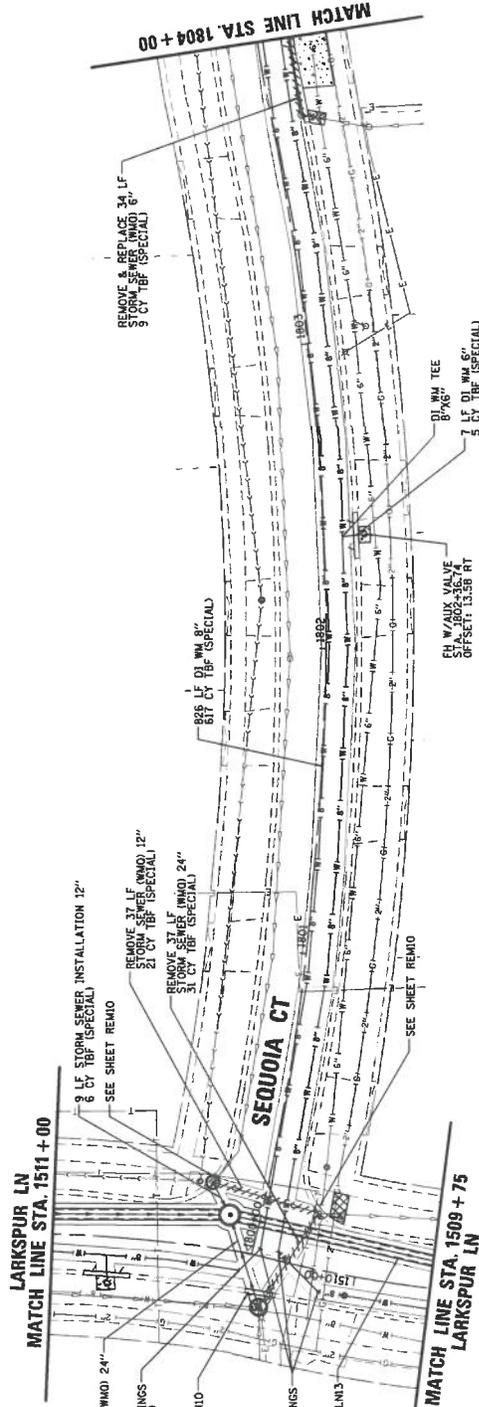
CONTRACTOR SHALL PROTECT CURBS DURING WATERMAIN OR STORM SEWER INSTALLATION. EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED. ANY SEVERELY DAMAGED CURB SHALL BE REPLACED OR AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES WHEN REQUIRED. THE COST SHALL BE INCLUDED IN THE CONTRACT.

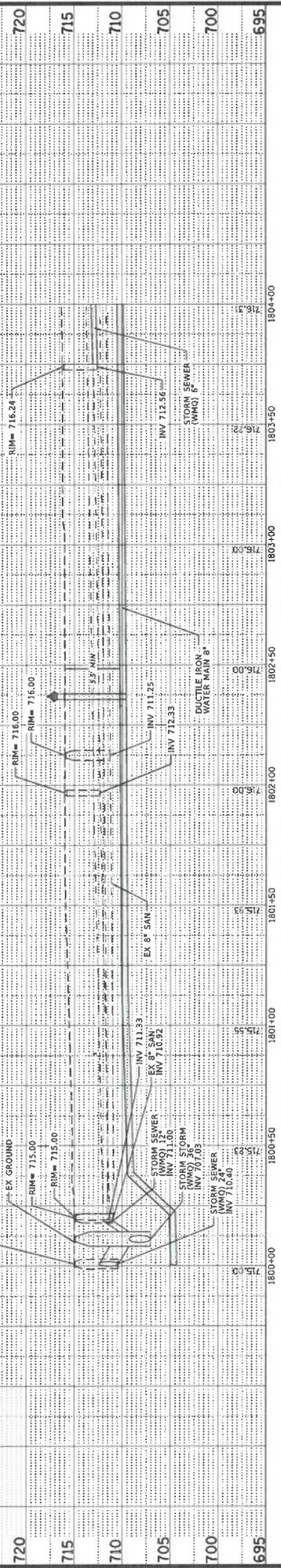
LEGEND

- DUCTILE IRON WATER MAIN (SIZE VARIES)
- STORM SEWERS
- SILEX SEWERS
- SILEX SEWERS (SIZE VARIES)
- FIRE HYDRANT
- VALVE VAULT
- /// PIPE REMOVAL

Pipe I.D.	Type	Sewer Crossing		WM Inv.
		Station	Inv.	
24	STM	1793+56.43	712.40	709.50
24	STM	1800+00.79	712.40	709.50
36	STM	1800+11.12	710.03	707.03
36	STM	1800+11.18	710.02	707.02
12	STM	1800+18.70	711.86	710.95
12	STM	1800+19.07	712.00	711.00
2	ELEC	1800+47.60	713.95	713.79
2	ELEC	1800+88.57	713.96	713.79
6	STM	1804+00.00	714.88	714.38



SCALE IN FEET



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

ORLAND PARK

PROJECT: CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
SEQUOIA COURT
WATER MAIN PLAN AND PROFILE

PROJ. NO. 22030
DATE: 1/9/2025
SHEET 28 OF 83
DRAWING NO.
PLAN18

NO.	DATE	BY	REVISION	DATE

DESIGNER: S.A./A.L.I.
CHECKED: S.P.
DATE: 1/9/2025
CAD USER: PRR/ST
CAD MODEL: D:\OUT

TITLE: CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
SEQUOIA COURT
WATER MAIN PLAN AND PROFILE

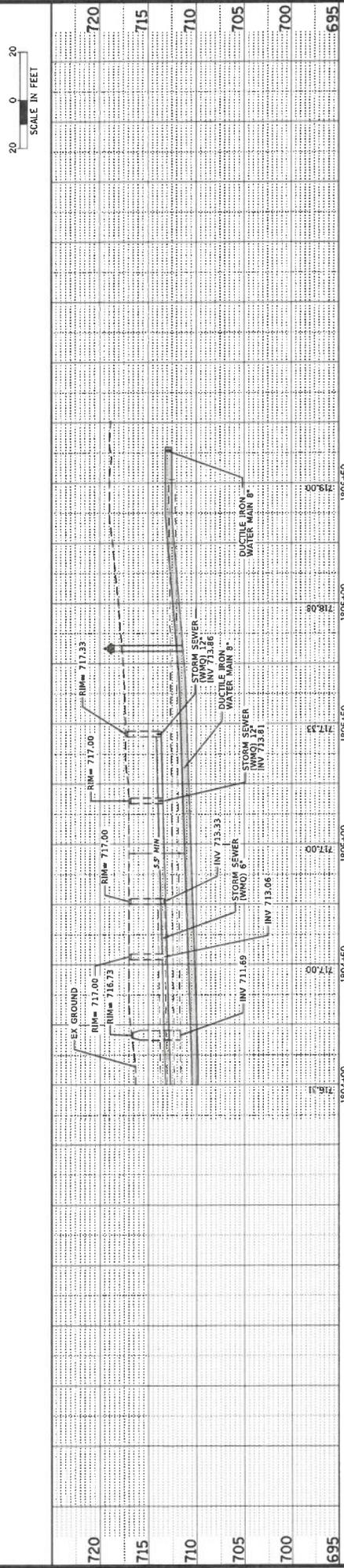
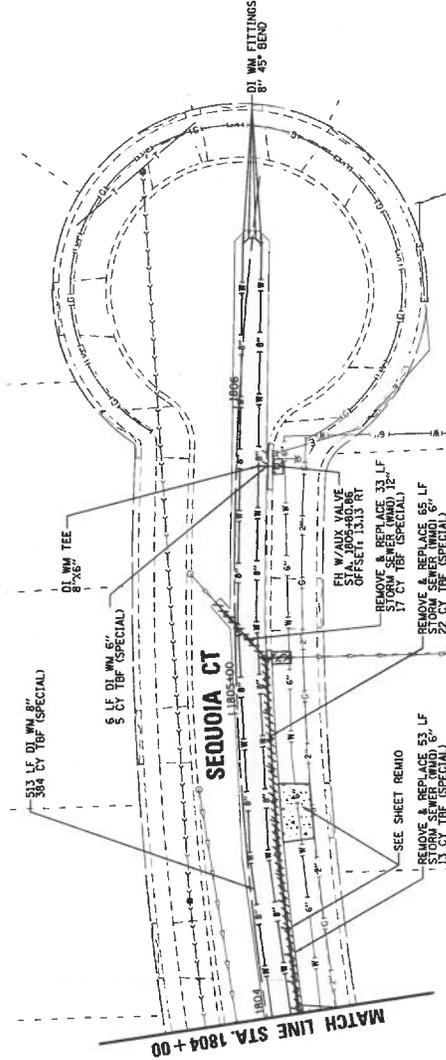
Pipe I.D.	Type	Crossing	Sewer Crossing		WM Inv
			Sewer Crossing	Sewer Crossing	
6	STM	1804+00.00	716.68	716.58	716.50
6	STM	1805+00.00	714.28	713.29	713.50
12	STM	1805+20.23	714.81	713.81	713.53
12	STM	1805+27.56	714.86	713.86	713.67

LEGEND

— — —	DUCTILE IRON WATER MAIN (SIZE VARIES)	○	FIRE HYDRANT
— — —	STORM SEWERS (SIZE VARIES)	○	VALVE VAULT
— — —	SANITARY SEWERS (SIZE VARIES)	///	PIPE REMOVAL

CONTRACTOR SHALL PROTECT CURBS DURING WATERMAIN OR SEWER REPAIRS. CURBS IN PLACE AND UNDISTURBED, ANY SEVERELY DAMAGED CURB SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.
CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES WHEN REQUIRED. THE COST SHALL BE INCLUDED IN THE CONTRACT.

Key Plan



CLIENT: CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 822-0500

ORLAND PARK

PROJECT TITLE: CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
SEQUOIA COURT
WATER MAIN PLAN AND PROFILE

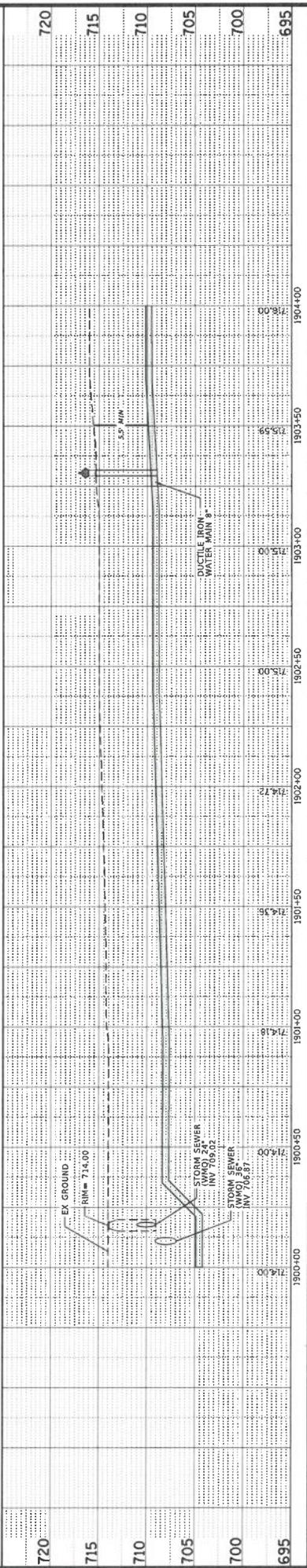
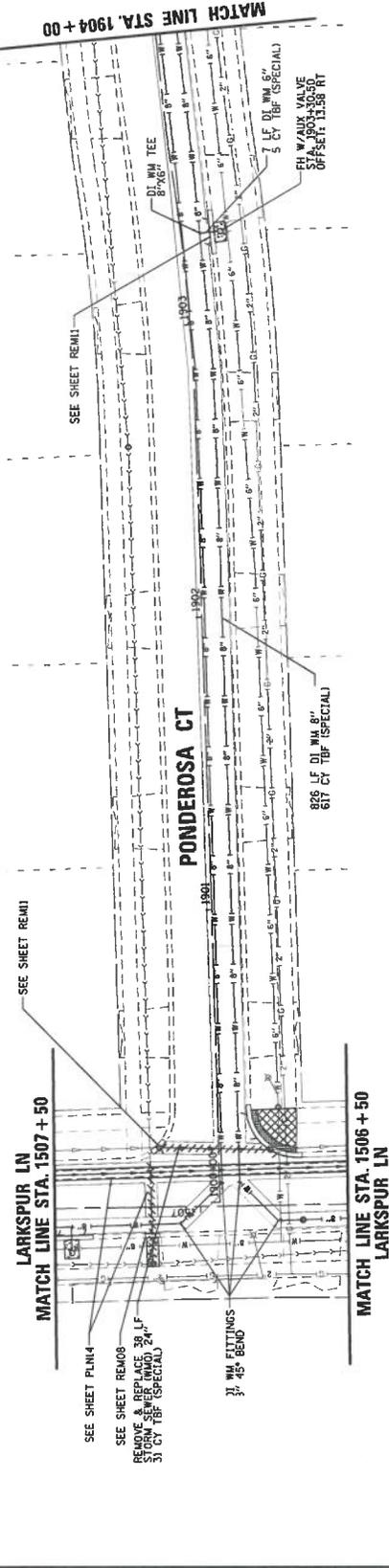
PROJ. NO. 220310
DATE: 1/7/2025
SHEET 28 OF 89
DRAWING NO.: PLN19

DESIGN	DATE	SCALE	BY	CHKD.	MODEL
DESIGN	1/7/2025	AS SHOWN	JFA		
CHECK	1/7/2025		JFA		
DATE	1/7/2025				
CAD USER					
DATE					
FILE NAME	\\ORLANDPARK\3203\220310\DWG\PLN19\220310.PLT				

Pipe	Sewer Crossing			
	I.D.	Type	Crossing Station	WM Inv.
P4K20	36	STM	1900+10.90	706.87
	36	STM	1900+10.91	709.87
	24	STM	1900+17.90	711.01
	24	STM	1900+18.23	711.02

Symbol	Description
—W—	DUCTILE IRON WATER MAIN (SIZE VARIES)
—S—	STORM SEWERS
—S—	SANITARY SEWERS (SIZE VARIES)
○	FIRE HYDRANT
○	VALVE VAULT
///	PIPE REMOVAL

CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION; EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED; ANY SEVERELY DAMAGED CURB SHALL BE REPLACED AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.
CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLE NEARBY. IF BRACING IS REQUIRED, THE COST SHALL BE INCLUDED IN THE CONTRACT.



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Rosemont, Illinois 60018
(647) 823-0500

ORLAND PARK

CLIENT:

PROJ. NO. 203310
DATE 1/9/2025
SHEET 30 OF 95
DRAWING NO. PLN20

CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
PONDEROSA COURT
WATER MAIN PLAN AND PROFILE

ORGN. DWG. DATE 1/9/2025
CADD USER: PWP/PLG
CADD MODEL: DWT/PLT

NATURE OF REVISION: _____
DATE: _____
FILE NAME: I:\CADD\ORLANDPARK\2025\DWG\PLN20.PLT

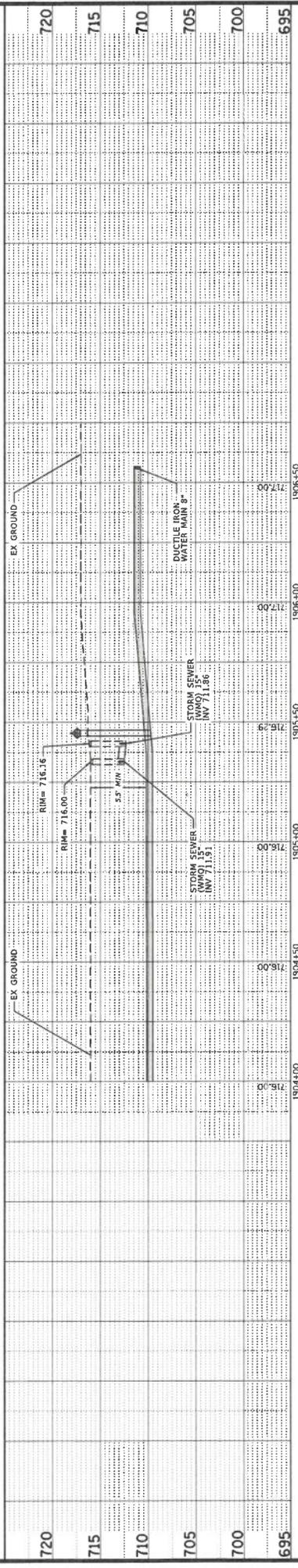
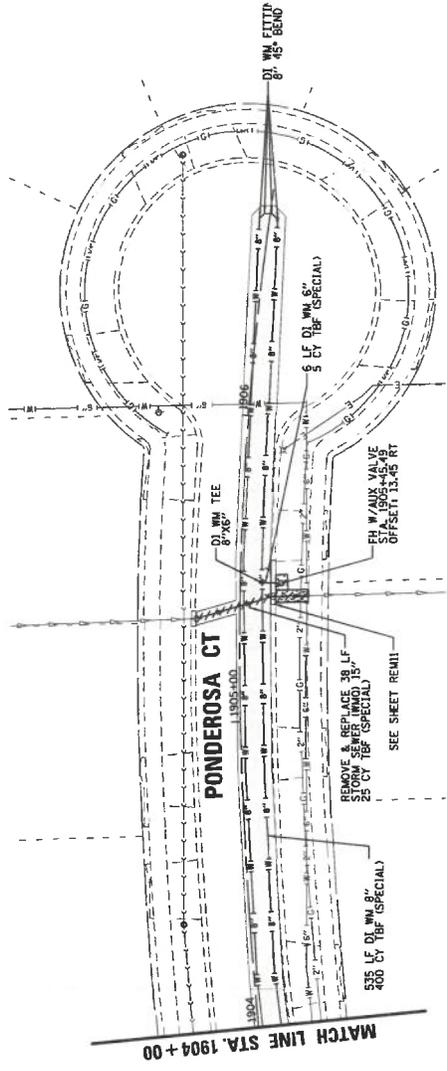


CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION. EXISTING CURBS TO REMAIN IN PLACE AND UNDISTURBED. ANY SEVERELY DAMAGED CURB SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES WHEN REQUIRED. THE COST SHALL BE INCLUDED IN THE CONTRACT.

- LEGEND**
- 18" — DUCTILE IRON WATER MAIN (SIZE VARIES)
 - 18" — STORM SEWERS (SIZE VARIES)
 - 18" — SANITARY SEWERS (SIZE VARIES)
 - FIRE HYDRANT
 - VALVE VAULT
 - /// PIPE REMOVAL

Pipe I.D.	Type	Consigning Station	Sewer Crossing		WM Inv.
			Sewer Crown	Sewer Inv.	
15	STM	1505+381.17	713.16	711.91	705.83
15	STM	1505+392.98	713.11	711.86	705.83



CLIENT: CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	TITLE: CATALINA SUBDIVISION 2025 WATER MAIN IMPROVEMENTS PONDEROSA COURT WATER MAIN PLAN AND PROFILE	PROJ. NO. 220310 DATE: 1/9/2025 SHEET 31 OF 89 DRAWING NO. PLN21
DESIGN: SCALE: 1"=40' PLOT DATE: 1/9/2025 USER: [Name] CHECK: [Name]	DATE: DATE OF REVISION: [Date] REVISION: [Description]	FILE NAME: [Name]



ORLAND PARK



CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION. EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED. ANY SEVERELY DAMAGED CURB SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.

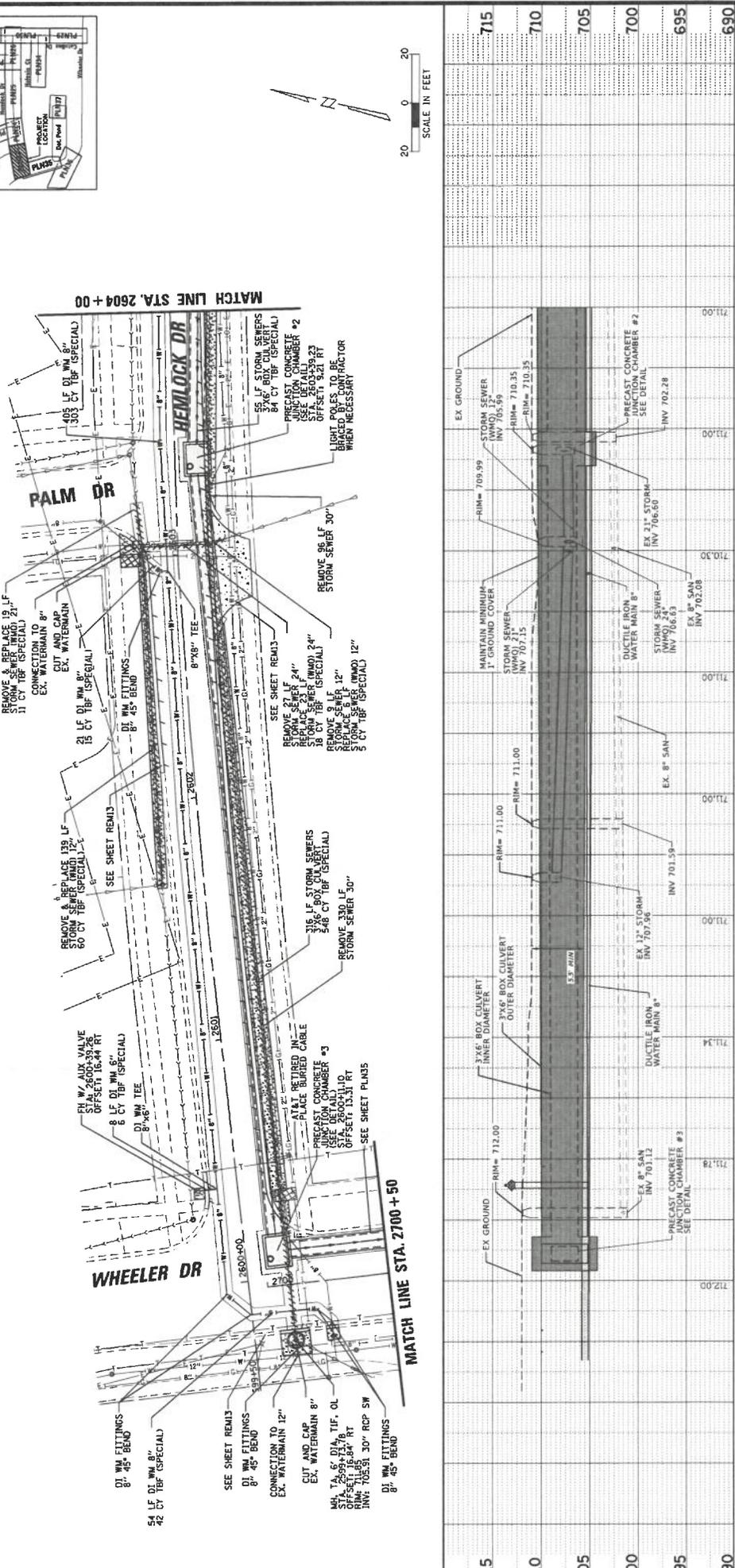
CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES WHEN REQUIRED. THE COST SHALL BE INCLUDED IN THE CONTRACT.

LEGEND

—	DUCTILE IRON WATER MAIN (SIZE VARIES)
—	STORM SEWERS (SIZE VARIES)
—	SANITARY SEWERS (SIZE VARIES)
—	FIRE HYDRANT
—	VALVE VAULT
—	PIPE REMOVAL

NOTE:
THE COST OF BRACING LIGHT POLES SHALL BE INCLUDED IN THE CONTRACT.

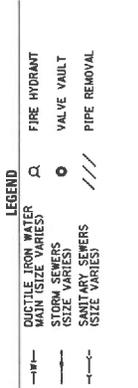
Pipe I.D.	Type	Crossing Station		Sewer Station		WM Inv.
		From	To	From	To	
2	TEL	25994+70.80	710.00	709.83	706.50	705.83
2	TEL	25994+79.63	710.00	709.83	706.50	705.83
2	TEL	26004+46.89	709.85	709.68	706.35	705.68
2	GAS	26024+99.65	707.40	707.23	704.50	704.23
2	GAS	26024+99.75	707.68	707.51	705.18	704.51
8	5AN	26034+00.93	702.75	702.08	705.26	704.59
21	STM	26034+05.67	708.90	707.15	705.32	704.65
24	STM	26034+05.78	708.63	706.63	705.02	704.35
12	STM	26034+05.97	706.99	706.99	704.50	703.83



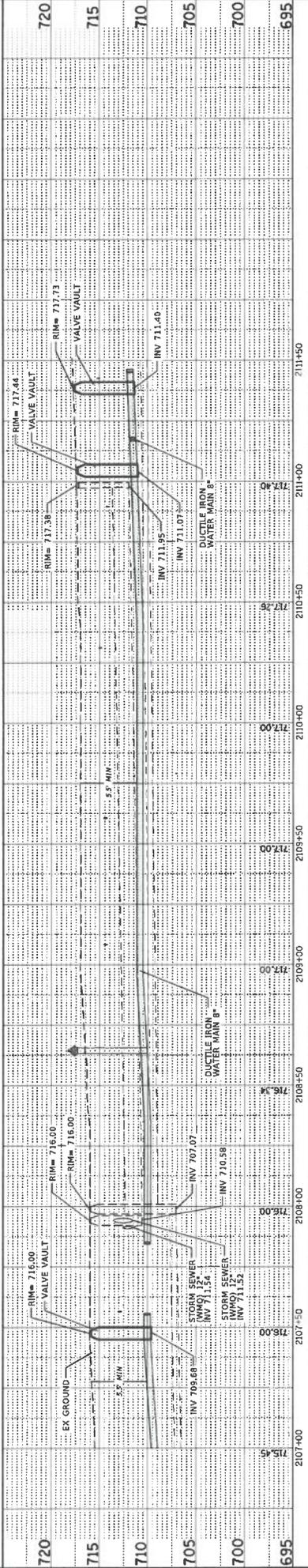
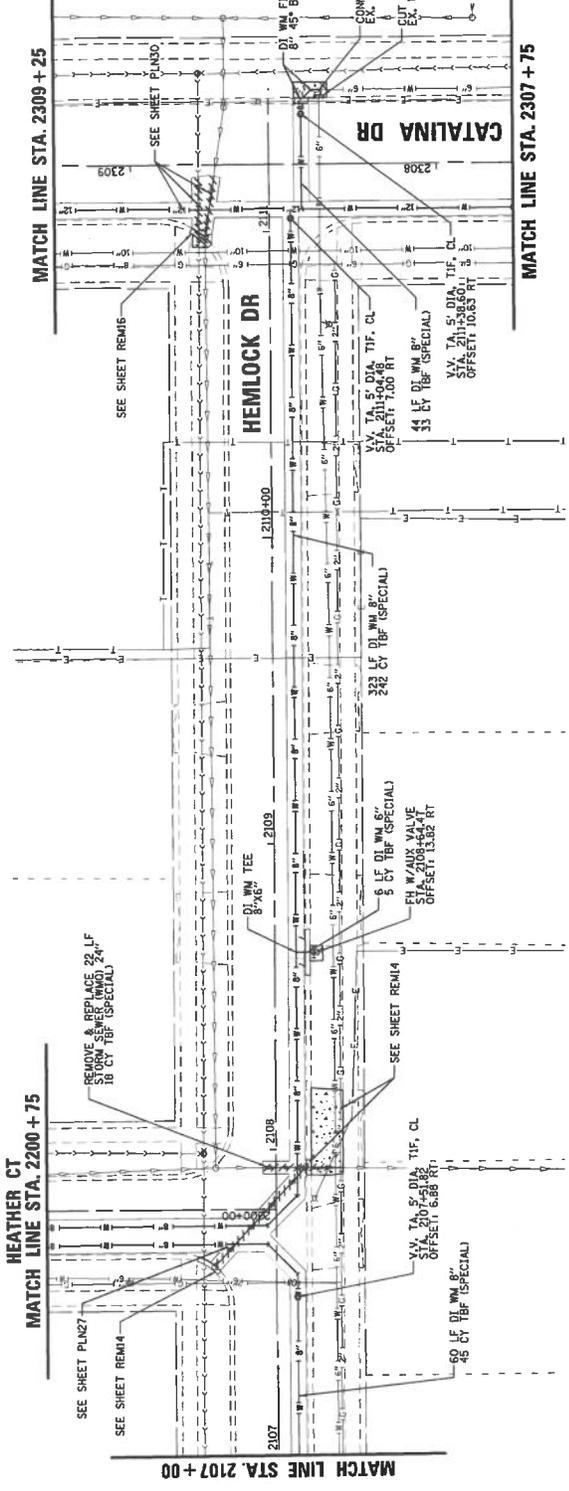
<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500</p>	<p>ORLAND PARK</p>	<p>CATALINA SUBDIVISION 2025 WATER MAIN IMPROVEMENTS HEMLOCK DRIVE WATER MAIN PLAN AND PROFILE</p>	<p>PROJ. NO. 220310 DATE: 1/7/2025 SHEET 33 OF 89 DRAWING NO. PIN23</p>
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CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION; EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED; ANY SEVERELY DAMAGED CURB IS TO BE REPLACED AT CONTRACTOR'S RISK AND AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.
 CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES AND STRUCTURES REQUIRED; THE COST SHALL BE INCLUDED IN THE CONTRACT.



Pile	Sewer Crossing			WM Inv.
	Type	Station	Inv.	
PLN26	2	GAS	210745.64	712.78
	2	GAS	210745.64	712.78
	2	STM	210749.16	713.54
	2	STM	210749.16	713.54
	2	ELEC	210940.38	715.50
	2	ELEC	210940.38	715.50
	2	TEL	210940.38	715.50
	2	TEL	210940.38	715.50
	2	GAS	211048.53	714.45
	2	ELEC	211142.64	716.50



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 Rosemont, Illinois 60018
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CLIENT: CATERINA SUBDIVISION
 2025 WATER MAIN IMPROVEMENTS
 WATER MAIN PLAN AND PROFILE

PROJ. NO. 20310
 DATE 1/2/2025
 SHEET 36 OF 89
 DRAWING NO. PLN26

NO.	DATE	BY	CHKD.	MODEL	DESCRIPTION
1	1/2/2025	CB	CB	DEF	ISSUED FOR PERMIT

Key Plan

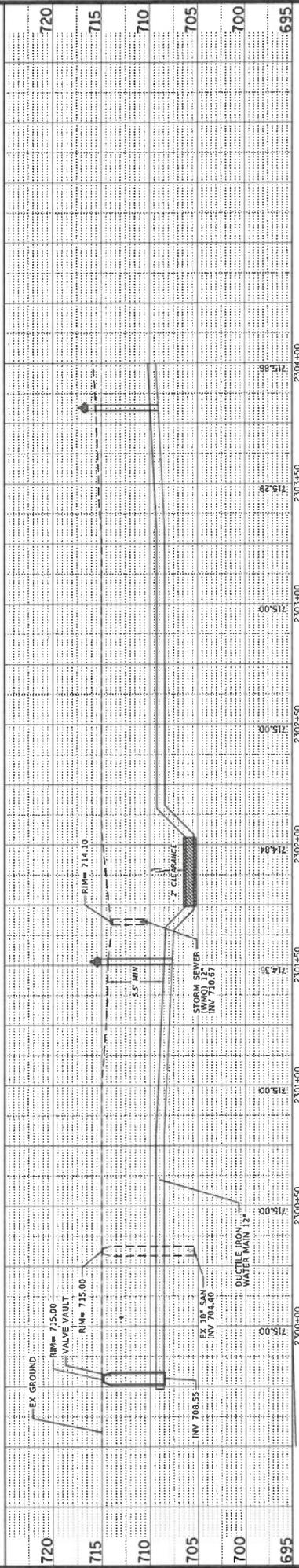
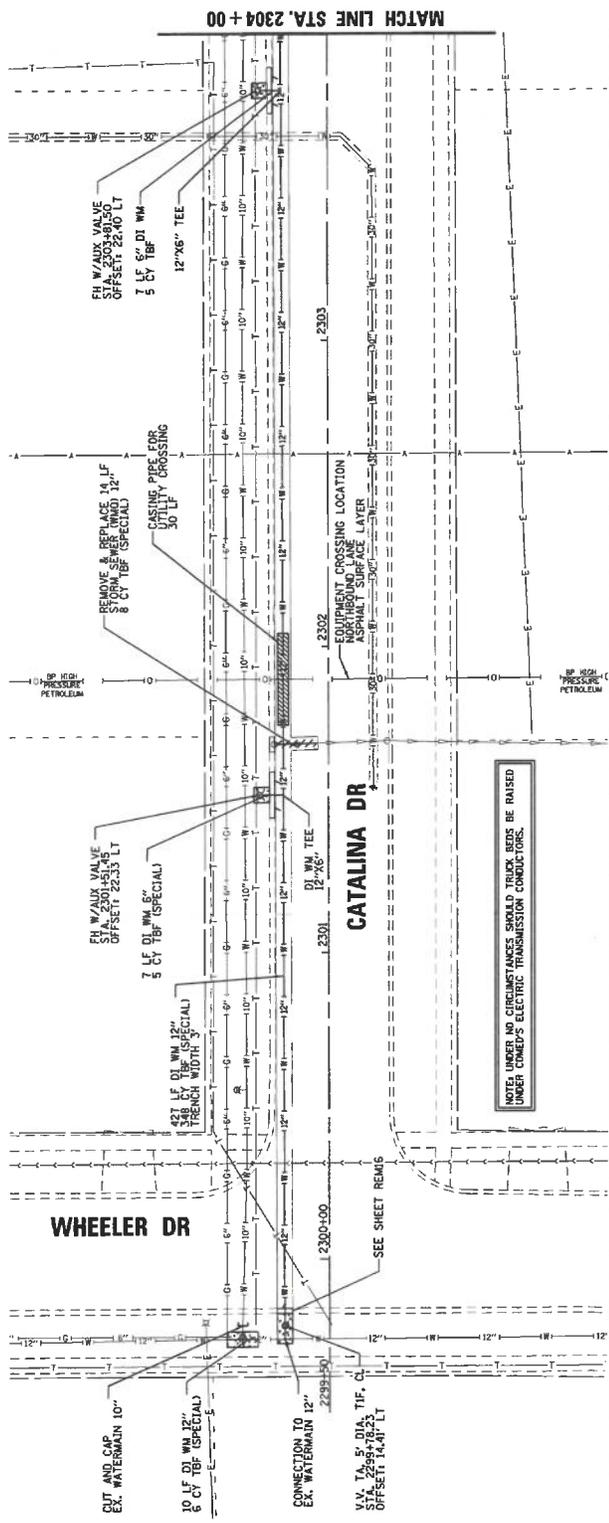


CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION. EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED. ANY SEVERELY DAMAGED CURB SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES WHEN REQUIRED. THE COST SHALL BE INCLUDED IN THE CONTRACT.

- LEGEND**
- DUCTILE IRON WATER MAIN (SIZE VARIES)
 - STORM SEWERS (SIZE VARIES)
 - SANITARY SEWERS (SIZE VARIES)
 - FIRE HYDRANT
 - VALVE VAULT
 - /// PIPE REMOVAL

Pipe	Sewer Crossing			WMA Inv.	WMA Crown	WMA Inv.
	I.D.	Type	Station			
P1429	2	TEL	2300+85.65	713.00	705.50	705.50
	10	SAN	2300+31.39	705.23	704.40	705.50
	12	STM	2301+66.09	711.67	710.67	707.54
	16	OIL	2301+89.28	709.88	708.50	705.50



ORLAND PARK

CLIENT: CHRISTOPHER B. BURKE ENGINEERING, LTD.
8575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 822-0500

**CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
CATALINA DRIVE
WATER MAIN PLAN AND PROFILE**

PRJL NO. 220310
DATE: 1/9/2025
SHEET 39 OF 89
DRAWING NO. P1429

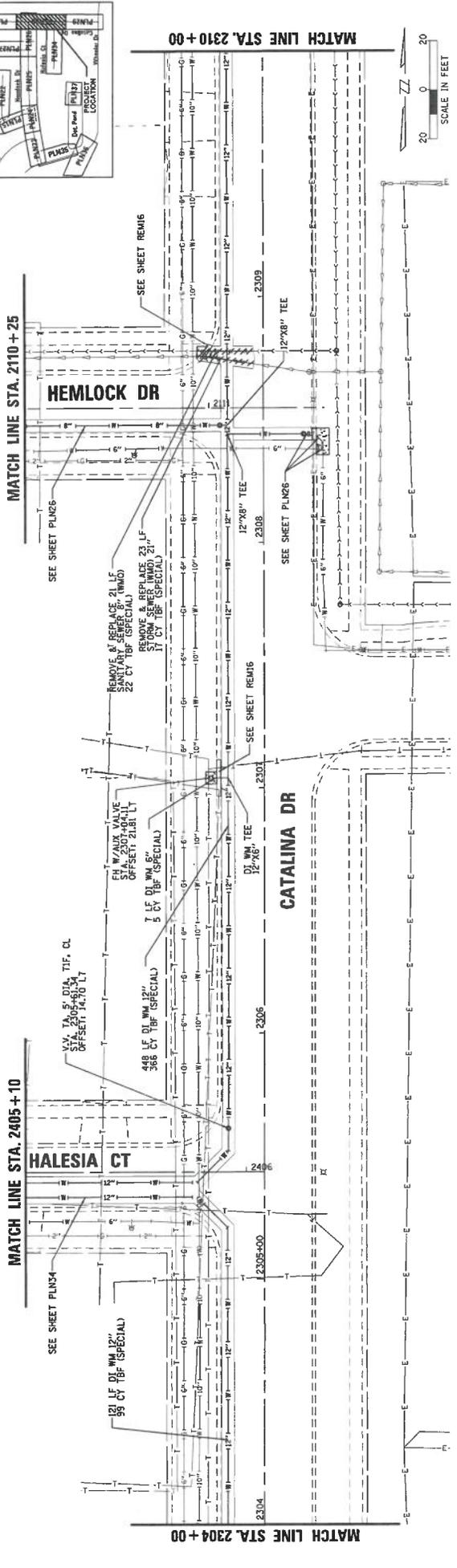
DESIGN: S.M./A.L.I.
CHECK: S.M./A.L.I.
SCALE: 3/4" = 1'-0"
PLOT DATE: 1/9/2025
CAD USER: [Name]
DATE OF REVISION: [Date]
MATERIAL: [Material]
FILE NAME: [File Name]

Pipe	Sewer Crossing			
	Station	Crown	Inv.	WM Inv.
2	2305+00.31	714.00	713.83	710.50
2	2307+08.70	715.00	713.00	712.83
21	2308+74.43	714.75	713.00	711.63
8	2308+77.86	711.07	710.40	711.63

Symbol	Description
—W—	DUCTILE IRON WATER MAIN (SIZE VARIES)
—S—	STORM SEWERS (SIZE VARIES)
—T—	TRUNK VALVE (STA. 2307+04.11 OFFSET 21.81' LT)
—V—	VALVE VAULT
—P—	PIPE REMOVAL

CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION; EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED; ANY SEVERELY DAMAGED CURB SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES WHEN REQUIRED; THE COST SHALL BE INCLUDED IN THE CONTRACT.



Station	Ground Elevation	Water Main RIM	Water Main INV	Storm Sewer RIM	Storm Sewer INV
2304+00	715.86				
2304+50	715.00				
2305+00	715.00				
2305+50	715.00				
2306+00	715.00				
2306+50	715.00				
2307+00	715.00				
2307+50	715.00				
2308+00	715.00				
2308+50	715.00				
2309+00	715.00				
2309+50	715.00				
2310+00	715.00				

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 Rosemont, Illinois 60018
 (647) 823-0500

ORLAND PARK

CLIENT

CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
CATALINA DRIVE
WATER MAIN PLAN AND PROFILE

PROJ. NO.	202310
DATE	1/9/2025
SHEET NO.	40 OF 89
DRAWING NO.	PLN30



CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM MAIN SERVICE INSTALLATION. EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED. ANY SEVERELY DAMAGED CURB SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES WHEN REQUIRED. THE COST SHALL BE INCLUDED IN THE CONTRACT.

LEGEND

DUCTILE IRON WATER MAIN (SIZE VARIES)

STORM SEWERS (SIZE VARIES)

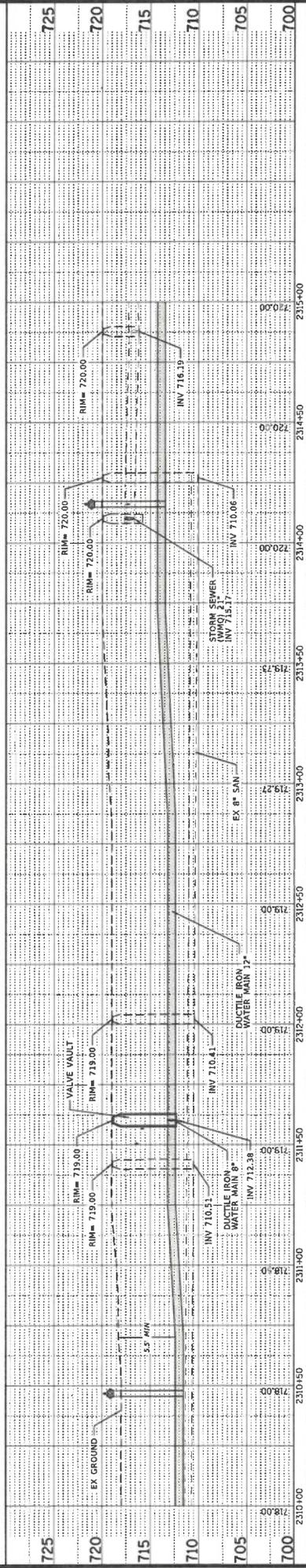
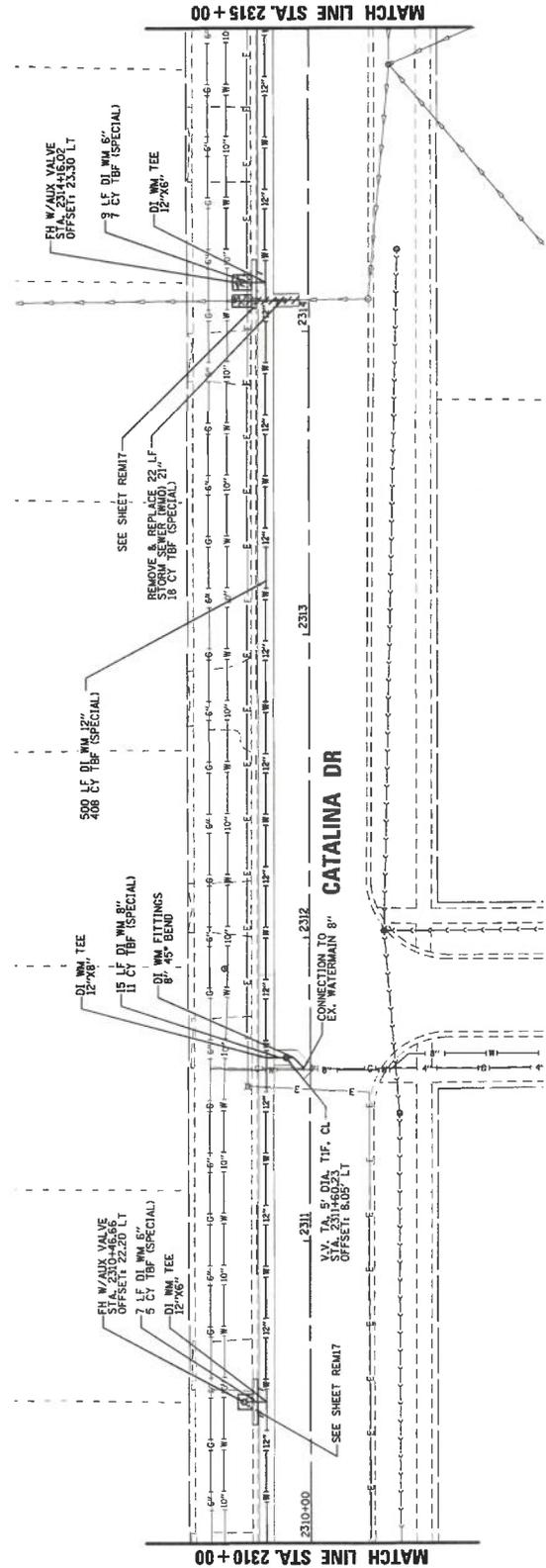
SANITARY SEWERS (SIZE VARIES)

FIRE HYDRANT

VALVE VAULT

PIPE REMOVAL

Pipe ID	Type	Crossing Station		Sewer Crossing		WM	
		Station	Inv.	Station	Inv.	Station	Inv.
PUN31	2	ELEC	2311+50.48	717.50	717.33	713.50	712.50
	4	GAS	2311+56.66	717.00	716.67	713.50	712.50
21	STM	2314+10.09	716.80	715.05	714.50	713.50	713.50
	21	STM	2314+10.09	716.92	715.17	714.50	713.50
2	ELEC	2314+16.06	718.50	718.33	714.50	714.00	



PROJ. NO. 230310	DATE 1/2/2005	SHEET 41 OF 89	DRAWING NO. PLN31
CATALINA SUBDIVISION 2025 WATER MAIN IMPROVEMENTS CATALINA DRIVE WATER MAIN PLAN AND PROFILE			
DESIGN	SCALE	DATE	BY
CONTRACTOR	DATE	BY	BY
FILE NAME	DATE	BY	BY

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Rosemont, Illinois 60018
(847) 822-0500

Pipe	Sewer Crossing			
	Station	Crown	Sewer Inv.	WM Inv.
PK482	2315+19.14	718.50	718.33	714.50
2	ELEC 2315+40.70	719.80	719.30	713.50
6	GAS 2319+79.13	713.44	712.61	716.36
10	SAN 2320+05.61	718.96	717.96	716.99
12	STM 2320+05.61	718.96	717.96	716.99

LEGEND

—W—	DUCTILE IRON WATER MAIN (SIZE VARIES)	Ω	FIRE HYDRANT
—S—	STORM SEWERS (SIZE VARIES)	○	VALVE VAULT
—C—	SANITARY SEWERS (SIZE VARIES)	///	PIPE REMOVAL
—M—	MANHOLE		

CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION; EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED. ANY SEVERELY DAMAGED CURB SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE. CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES NEAR EXISTING UTILITY LOCATIONS. THE COST SHALL BE INCLUDED IN THE CONTRACT.

Key Plan



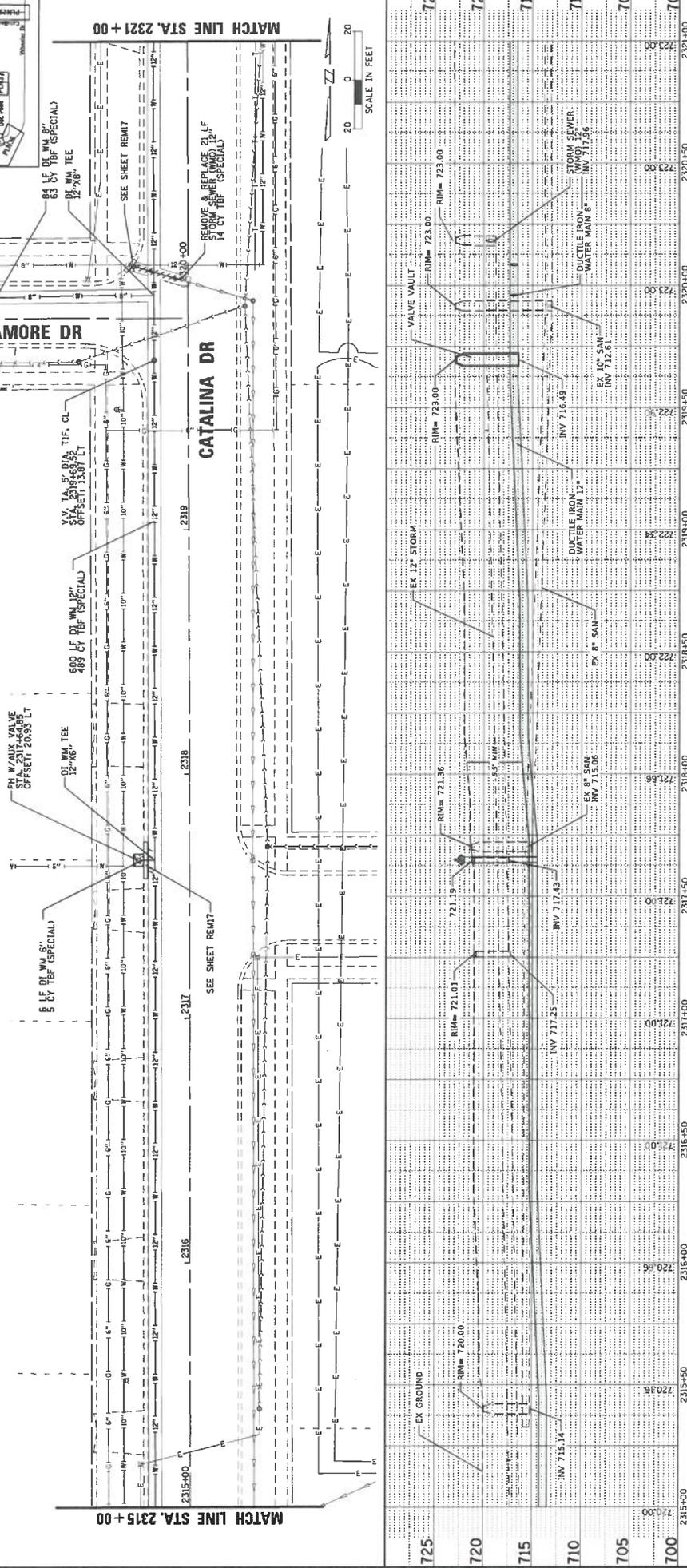
MATCH LINE STA. 1612 + 00

SYCAMORE DR

CATALINA DR

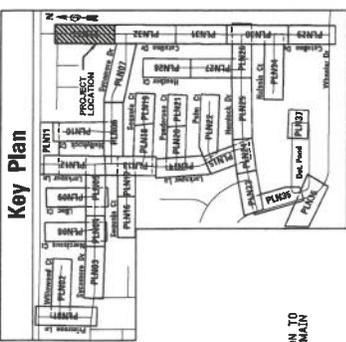
MATCH LINE STA. 2321 + 00

MATCH LINE STA. 2315 + 00



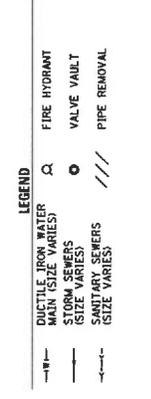
SCALE IN FEET

		ORLAND PARK	
CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 623-4500		CATALINA SUBDIVISION 2025 WATER MAIN IMPROVEMENTS CATALINA DRIVE WATER MAIN PLAN AND PROFILE	
PROJ. NO.	202310	TITLE	CATALINA SUBDIVISION
DATE	1/2/2025	DATE	1/2/2025
SHEET	42 OF 89	DATE	1/2/2025
DRAWING NO.		DATE	1/2/2025
PLN32		DATE	1/2/2025

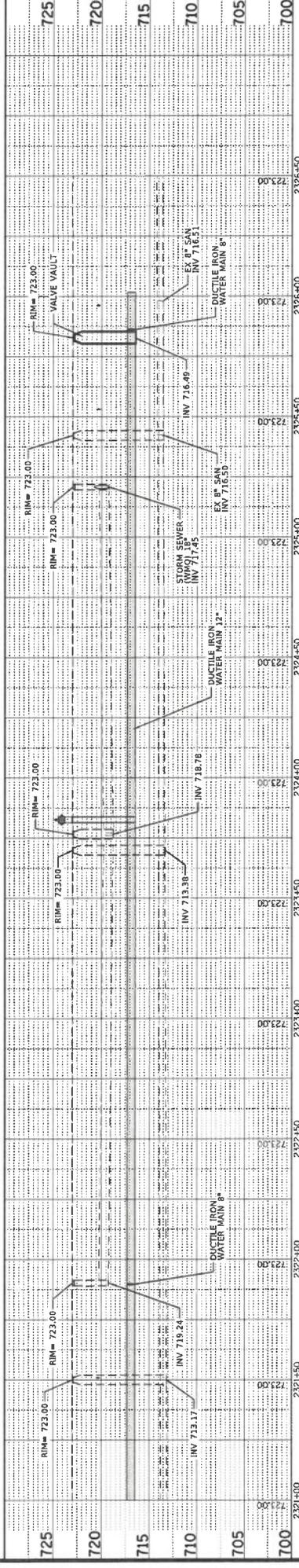
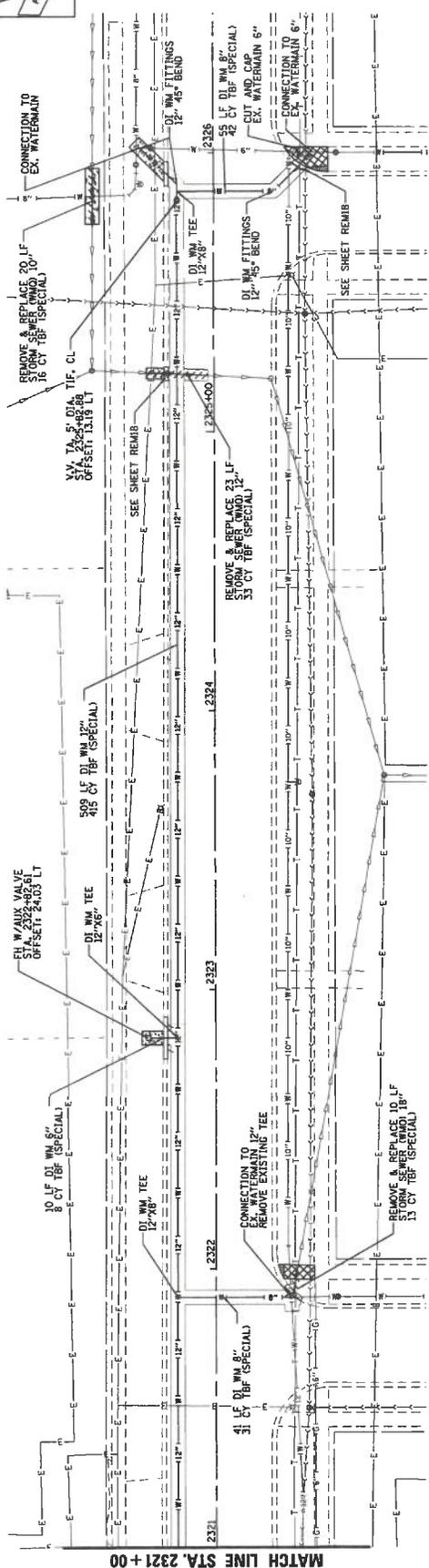


CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION. EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED. ANY SEVERELY DAMAGED CURB SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES WHEN REQUIRED. THE COST SHALL BE INCLUDED IN THE CONTRACT.



Pipe I.D.	Type	Crossing Station		Sewer Crossing		WMA Inv.
		From	To	From	To	
2	ELEC	2321+50.83	2321+50.83	717.95	717.95	715.95
18	STM	2325+20.65	718.95	717.45	706.50	715.50
8	STM	2325+44.56	717.47	716.50	706.50	715.50
2	ELEC	2325+55.07	724.53	724.36	720.53	719.53
2	ELEC	2325+66.23	724.87	724.70	720.87	719.87
8	SAN	2325+97.87	717.18	716.51	720.50	719.83



ORLAND PARK

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 Rosemont, Illinois 60018
 (847) 823-0500

**CATALINA SUBDIVISION
 2025 WATER MAIN IMPROVEMENTS
 CATALINA DRIVE
 WATER MAIN PLAN AND PROFILE**

PROJ. NO. 220310
 DATE: 1/9/2025
 SHEET 43 OF 89
 DRAWING NO.

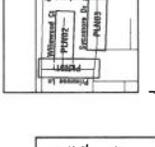
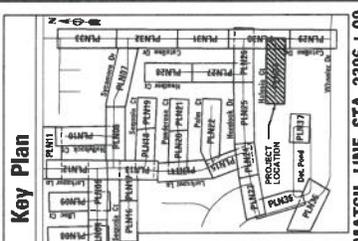
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 PLOT DATE: 1/9/2025
 CAD USER: []
 CADD MODEL: []

DATE: []
 NATURE OF REVISION: []
 FILE NAME: []

CLIENT: []

DESIGNER: []
 CHECKER: []
 SCALE: 3/4" = 1'-0"
 PLOT DATE: 1/9/2025
 CAD USER: []
 CADD MODEL: []

DATE: []
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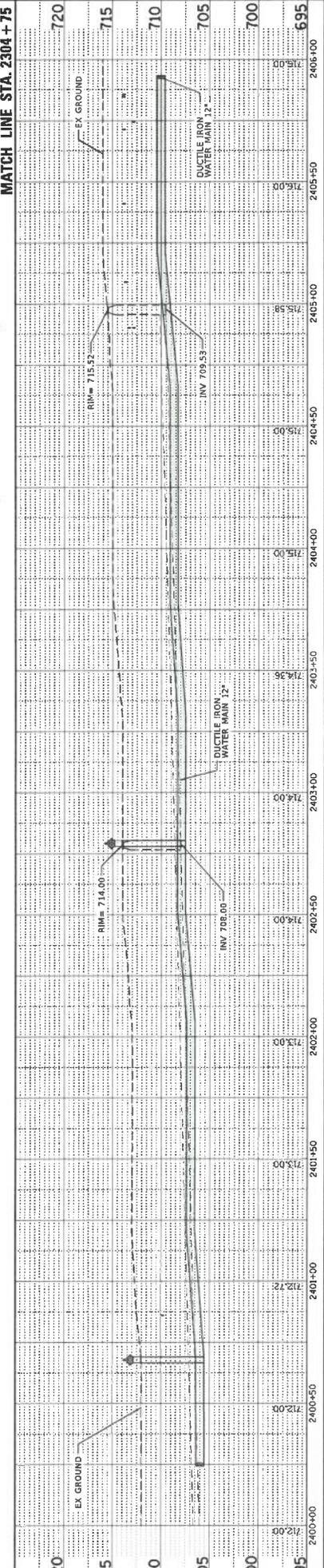
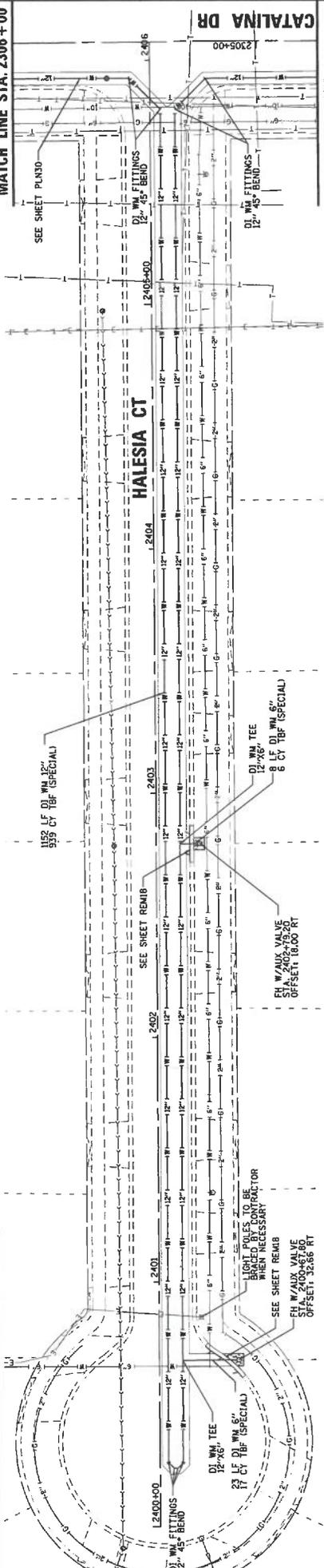


CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION. EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED, UNLESS SEVERELY DAMAGED. CURB TO BE REPLACED AT CONTRACTOR'S RISK AND AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES TO BE REMOVED. THE COST SHALL BE INCLUDED IN THE CONTRACT.

- LEGEND**
- W — DUCTILE IRON WATER MAIN (SIZE VARIES)
 - S — STORM SEWERS
 - S — SANITARY SEWERS (SIZE VARIES)
 - FIRE HYDRANT
 - VALVE VAULT
 - /// PIPE REMOVAL

Pile	Sewer Crossing			
	Type	Station	Crown	Inv.
2	ELEC	2400+85.99	710.91	705.91
2	ELEC	2400+86.44	710.91	705.91
2	ELEC	2404+90.17	713.86	708.86
2	TEL	2404+90.17	714.36	709.85
2	ELEC	2404+90.24	713.86	708.86
2	TEL	2404+90.24	714.36	709.85
2	TEL	2405+09.67	713.85	708.85
2	TEL	2405+09.67	714.35	709.85
2	TEL	2405+40.85	714.00	709.5
2	TEL	2405+40.85	713.83	710.5
2	TEL	2405+40.96	714.00	709.5
2	TEL	2405+40.96	713.83	710.5
2	TEL	2405+71.20	714.00	709.5
2	TEL	2405+71.20	713.83	710.5
6	GAS	2405+74.53	713.00	709.5
6	GAS	2405+74.53	712.50	709.5
2	TEL	2405+82.25	714.00	710.5
2	TEL	2405+82.25	713.83	710.5
2	TEL	2405+84.53	714.00	709.5
2	TEL	2405+84.53	713.83	710.5
2	TEL	2405+88.57	714.00	709.5
2	TEL	2405+88.57	713.83	710.5



ORLAND PARK

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 Rosemont, Illinois 60018
 (847) 623-9500

**CATALINA SUBDIVISION
 2025 WATER MAIN IMPROVEMENTS
 HALESIA COURT
 WATER MAIN PLAN AND PROFILE**

PROJ. NO. 230310
 DATE 1/27/2025
 SHEET 44 OF 89
 DRAWING NO. PLN334

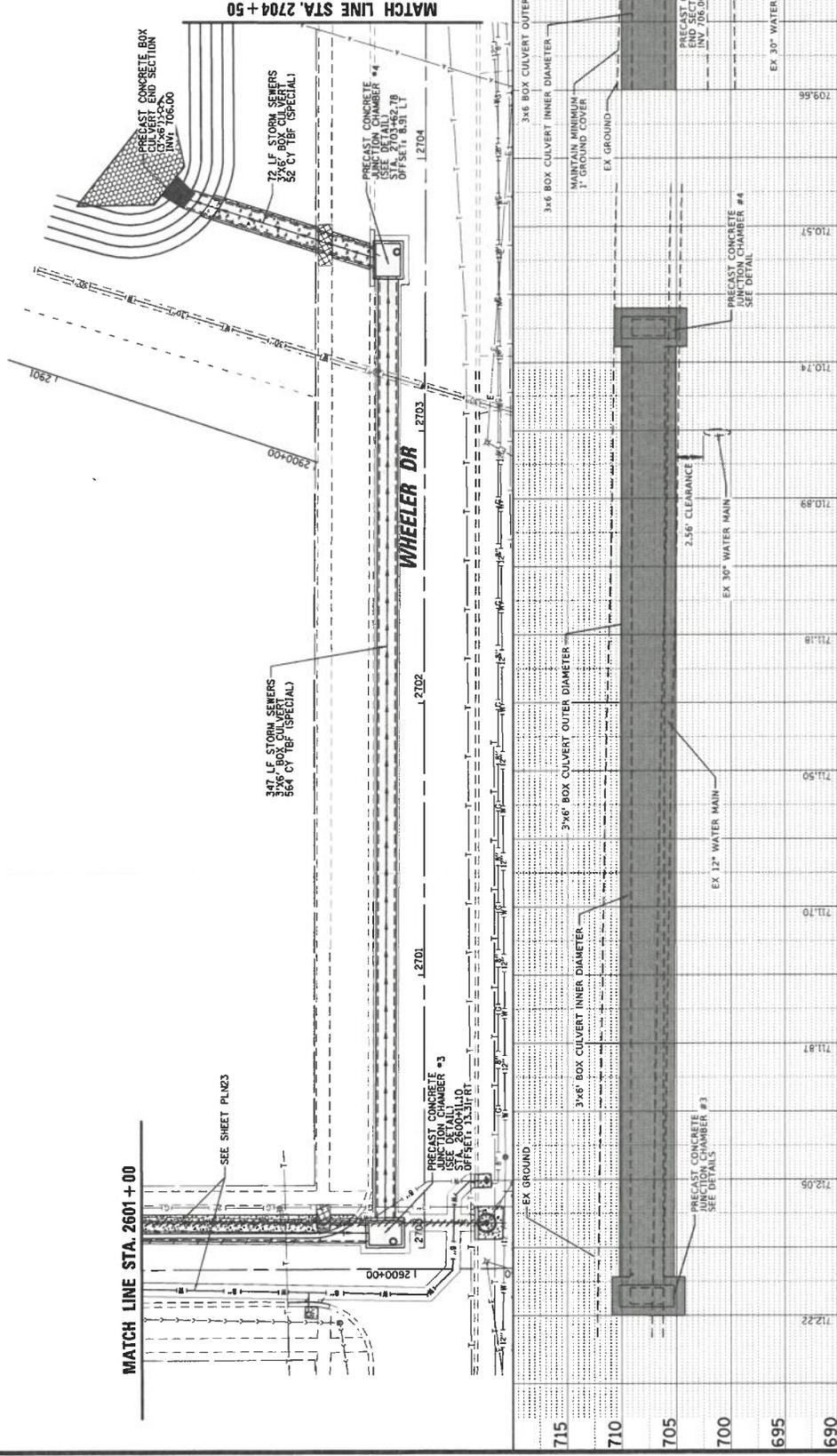
Key Plan



CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR SANITARY MAIN INSTALLATION. EXISTING CURB AT TO BE REMOVED IN PLACE AND UNDISTURBED. ANY SEVERELY DAMAGED CURB SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.
 CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES WHEN REQUIRED. THE COST SHALL BE INCLUDED IN THE CONTRACT.

- LEGEND**
- DUCTILE IRON WATER MAIN (SIZE VARIES)
 - STORM SEWERS (SIZE VARIES)
 - SANITARY SEWERS (SIZE VARIES)
 - FIRE HYDRANT
 - VALVE VAULT
 - PIPE REMOVAL

NOTE: THE COST OF BRACING LIGHT POLES SHALL BE INCLUDED IN THE CONTRACT.



CLIENT: CHRISTOPHER B. BURKE ENGINEERING, LTD. 8575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-6500		TITLE: CATALINA SUBDIVISION 2025 WATER MAIN IMPROVEMENTS WHEELER DRIVE WATER MAIN PLAN AND PROFILE	
DESIGN: SJK/ZJH SJK/ZJH SJK SJK	DATE: 1/27/2025 1/27/2025 1/27/2025 1/27/2025	PROJ. NO.: 220310 DATE: 1/27/2025 SHEET: 45 OF 89 DRAWING NO.: PLN335	SCALE: 1" = 20' 1" = 20' 1" = 20' 1" = 20'
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NO.: 1 1 1 1	DATE: 1/27/2025 1/27/2025 1/27/2025 1/27/2025	DESIGNER: SJK SJK SJK SJK	DATE: 1/27/2025 1/27/2025 1/27/2025 1/27/2025



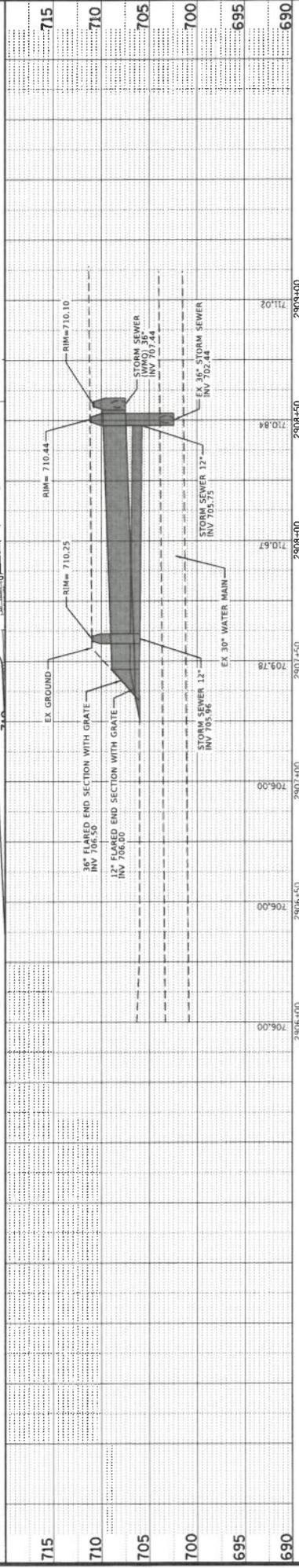
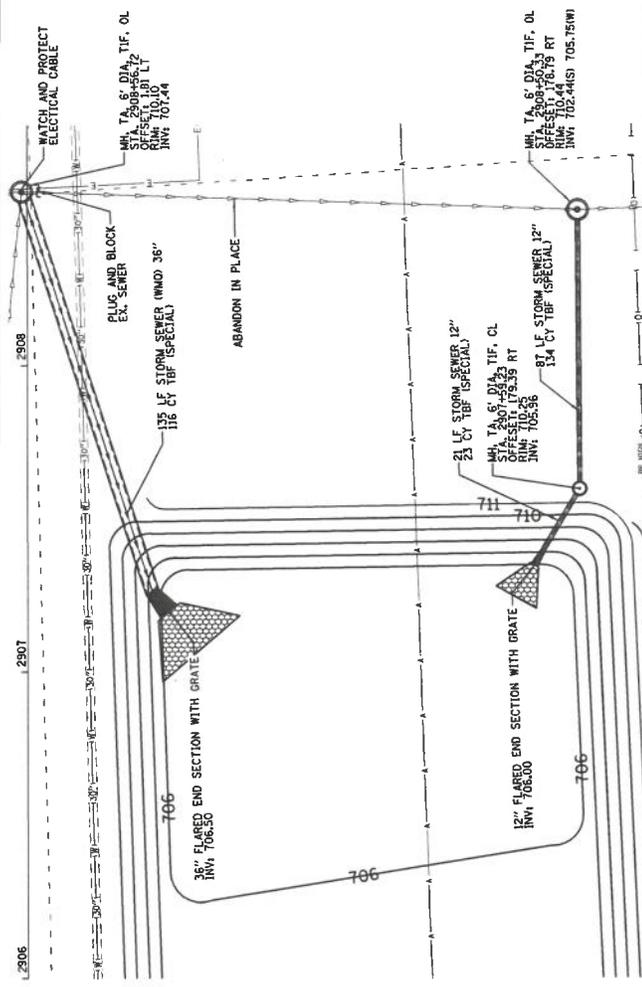
ORLAND PARK



CONTRACTOR SHALL PROTECT CURB DURING WATERMAIN OR STORM SEWER INSTALLATION. EXISTING CURB IS TO REMAIN IN PLACE AND UNDISTURBED. ANY SEVERELY DAMAGED CURB SHALL BE REPAIRED BY CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT OR THE VILLAGE.

CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF LIGHT POLES WHEN REQUIRED. THE COST SHALL BE INCLUDED IN THE CONTRACT.

- LEGEND**
- 18" DUCTILE IRON WATER MAIN (SIZE VARIES)
 - 12" STORM SEWERS (SIZE VARIES)
 - 8" SANITARY SEWERS (SIZE VARIES)
 - FIRE HYDRANT
 - VALVE VAULT
 - /// PIPE REMOVAL



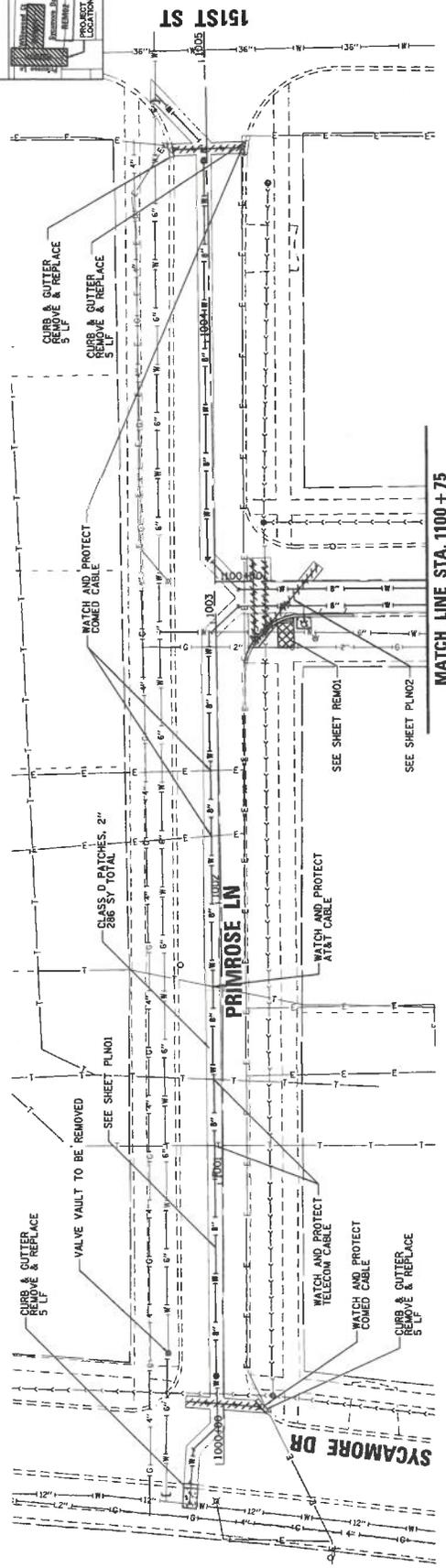
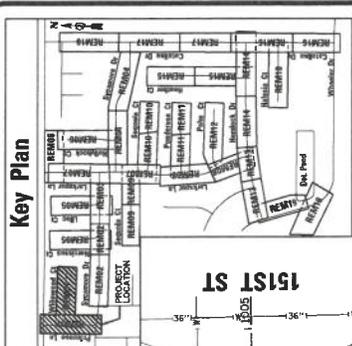
CLIENT:
CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-4500

PROJ. NO. 220310
DATE: 1/9/2025
SHEET 47 OF 83
DRAWING NO.
PLN37

ORLAND PARK

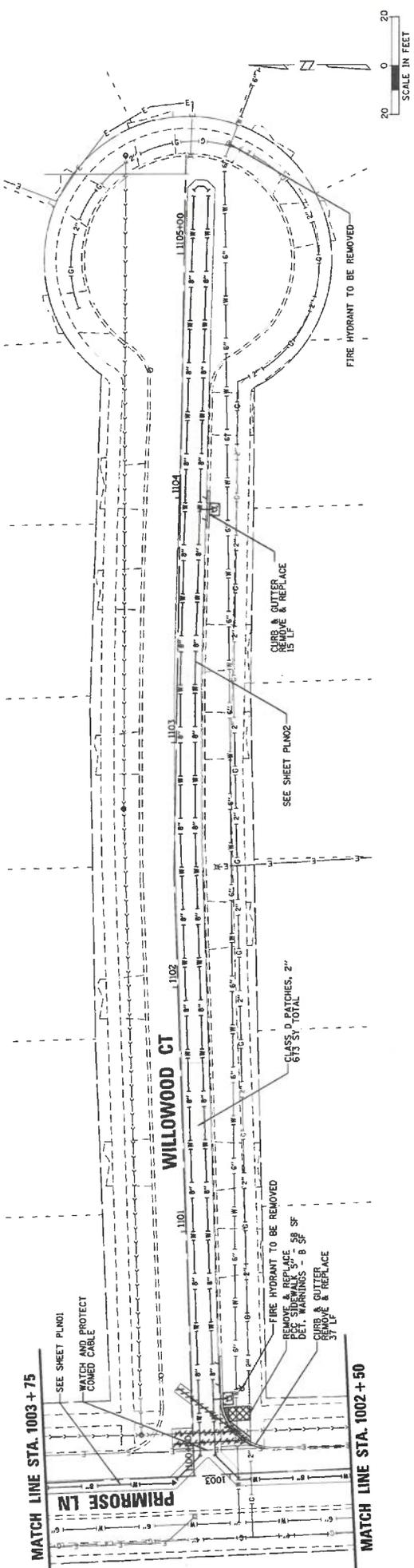
TITLE:
CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
WHEELER DRIVE
WATER MAIN PLAN AND PROFILE

DESIGN	DATE	BY	SCALE	REVISION
GENL	1/9/2025	JOB USER	AS SHOWN	
CHKD.	1/9/2025	JOB USER	AS SHOWN	
APP'D.	1/9/2025	JOB USER	AS SHOWN	



LEGEND

- DRIVEWAY REMOVE & REPLACE
- SIDEWALK REMOVE & REPLACE
- SODDING
- CURB AND GUTTER REMOVE & REPLACE
- CLASS D PATCHES, 2" (TEMPORARY)



CLIENT:
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 (847) 822-0500

ORLAND PARK

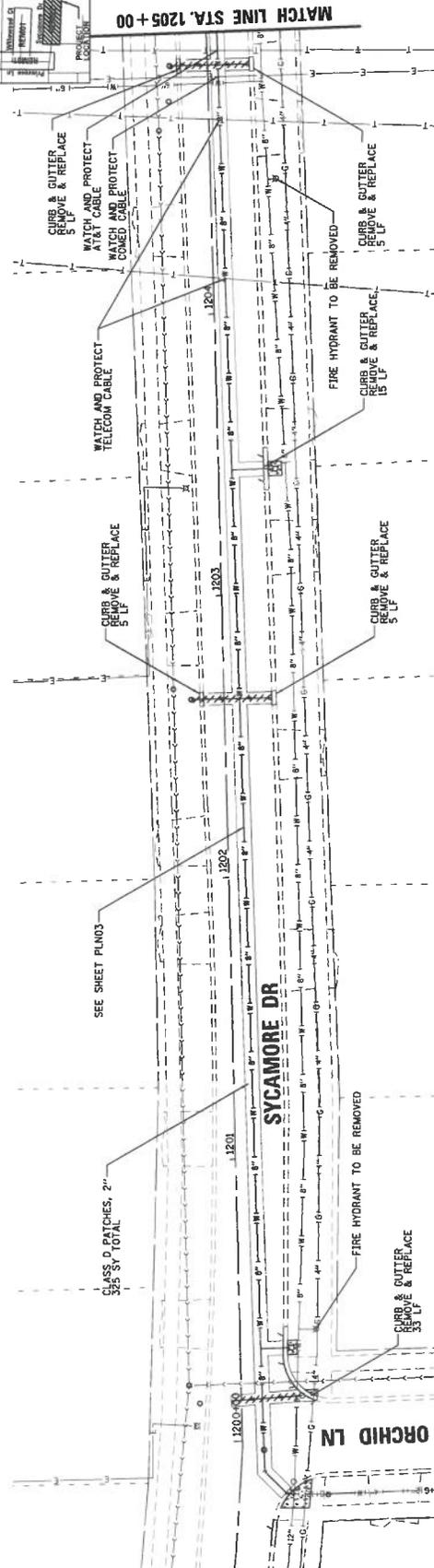
NO.	DATE	NATURE OF REVISION	BY	CHKD.
1	1/27/2025	ISSUED FOR PERMITS	MM	MM
2	1/27/2025	ISSUED FOR PERMITS	MM	MM

DESIGN	MM
SCALE	AS SHOWN
DATE	1/27/2025
PROJECT	2025 WATER MAIN IMPROVEMENTS
SHEET	49 OF 89
DATE	1/27/2025
PROJECT	2025 WATER MAIN IMPROVEMENTS
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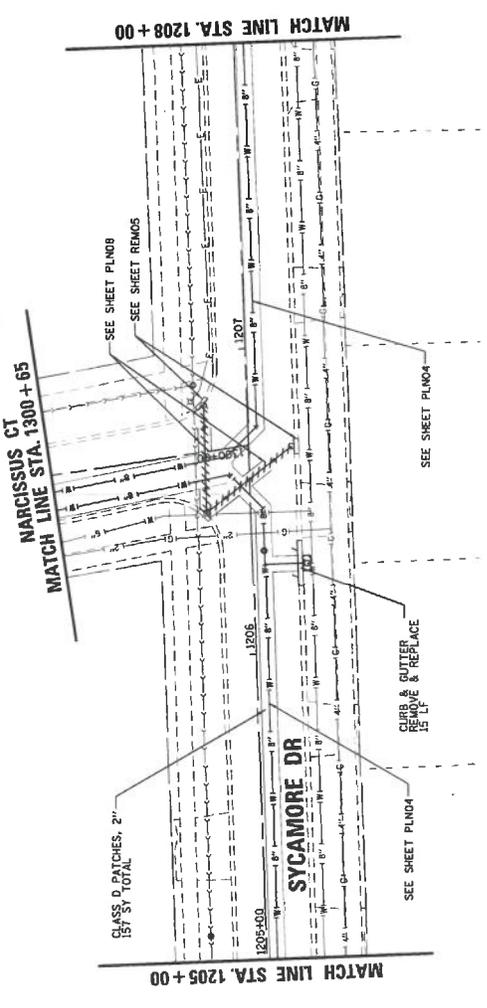
TITLE:
CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
PRIMROSE LANE & WILLOWOOD COURT
REMOVAL AND RESTORATION PLAN

PRJAL NO. 220310
 DATE: 1/27/2025
 SHEET 49 OF 89
 DRAWING NO. REM01

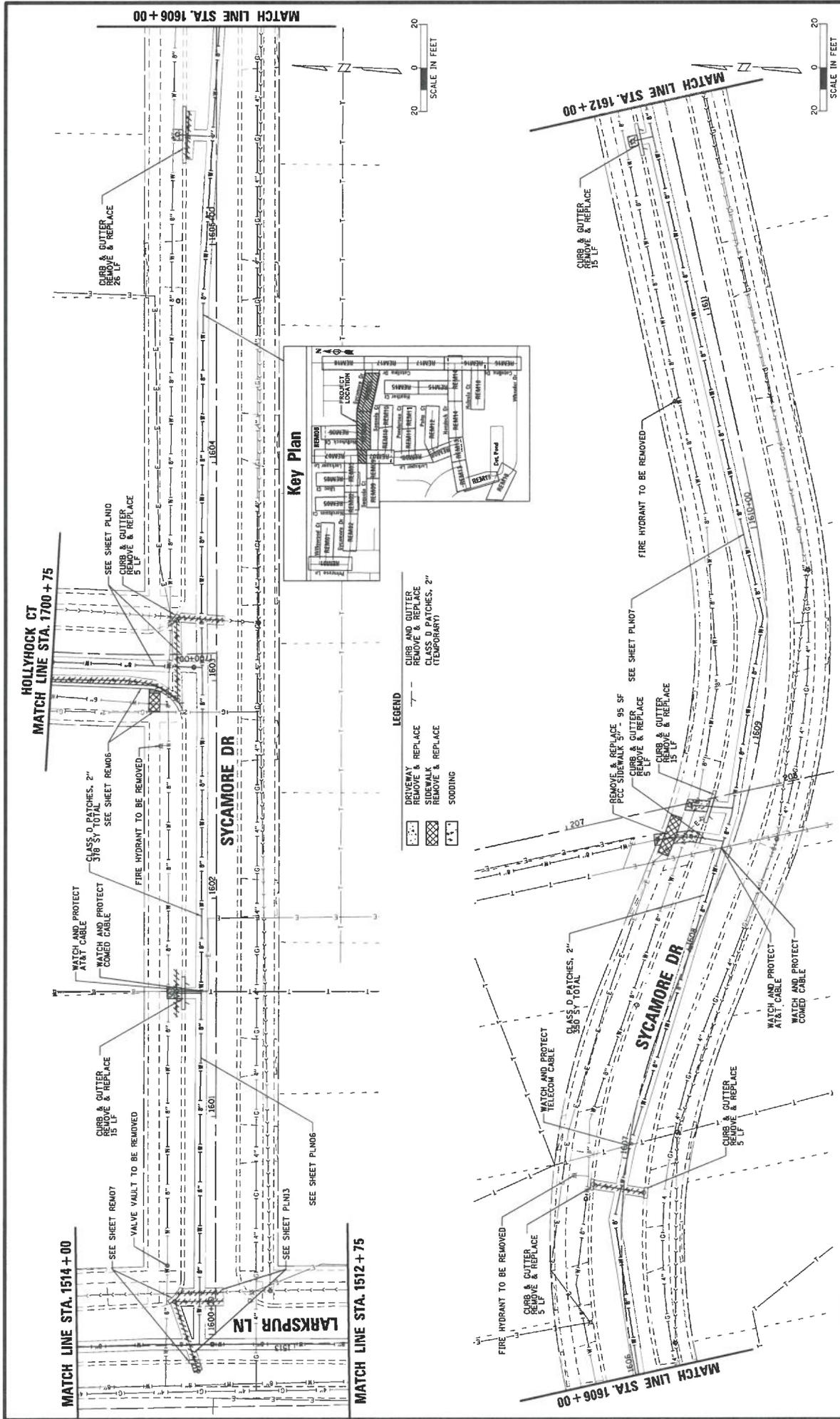
Key Plan



- LEGEND**
- DRIVEWAY REMOVE & REPLACE
 - SIDEWALK REMOVE & REPLACE
 - CURB AND GUTTER REMOVE & REPLACE
 - CLASS D PATCHES, 2"
 - SODDING



<p>ORLAND PARK</p> <p>CLIENT:</p> <p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (647) 823-4500</p>		<p>TITLE:</p> <p>CATALINA SUBDIVISION 2025 WATER MAIN IMPROVEMENTS SYCAMORE DRIVE REMOVAL AND RESTORATION PLAN</p>	
<p>NO. DATE</p> <p>FILE NAME</p>	<p>DATE</p> <p>NATURE OF REVISION</p>	<p>DRGN. CHKD. DATE</p> <p>DATE</p>	<p>DATE</p> <p>DATE</p>
<p>PROJ. NO. 202310</p> <p>DATE 1/9/2025</p> <p>SHEET 50 OF 89</p> <p>DRAWING NO.</p>		<p>SCALE IN FEET</p> <p>0 20</p>	
<p>REVISIONS</p>		<p>REVISIONS</p>	
<p>REVISIONS</p>		<p>REVISIONS</p>	



LEGEND

[Symbol]	DRIVEWAY REMOVE & REPLACE
[Symbol]	CLASS D PATCHES, 2"
[Symbol]	SOODING
[Symbol]	CURB AND GUTTER REMOVE & REPLACE (TEMPORARY)
[Symbol]	CLASS D PATCHES, 2"

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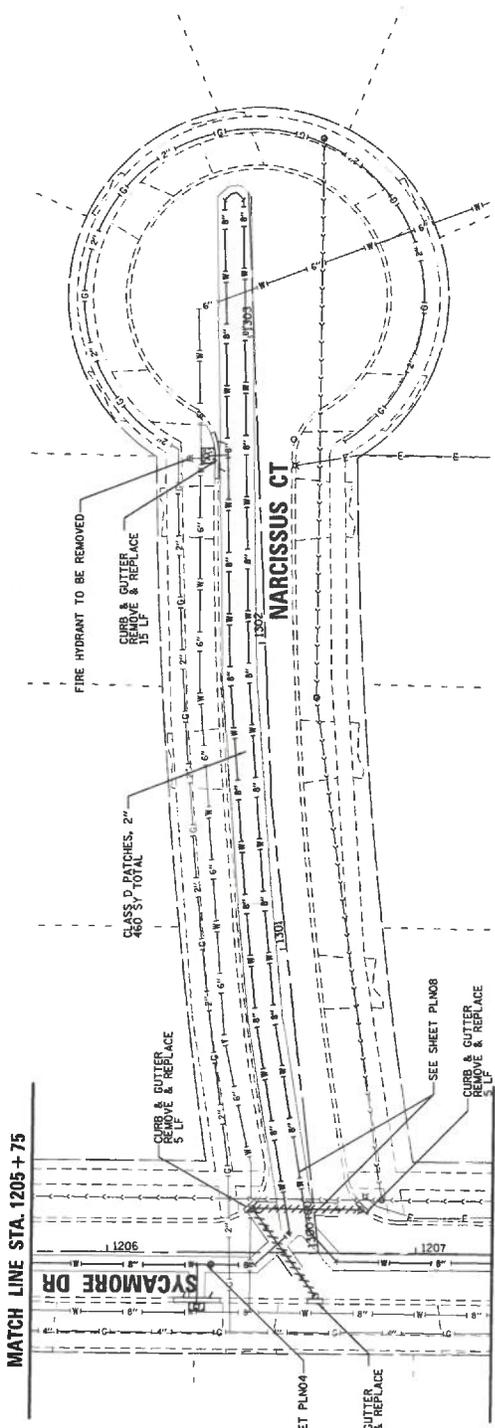
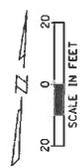
ORLAND PARK

CLIENT:

PROJ. NO. 200310
 DATE: 1/29/2005
 SHEET 52 OF 89
 DRAWING NO.
 REM04

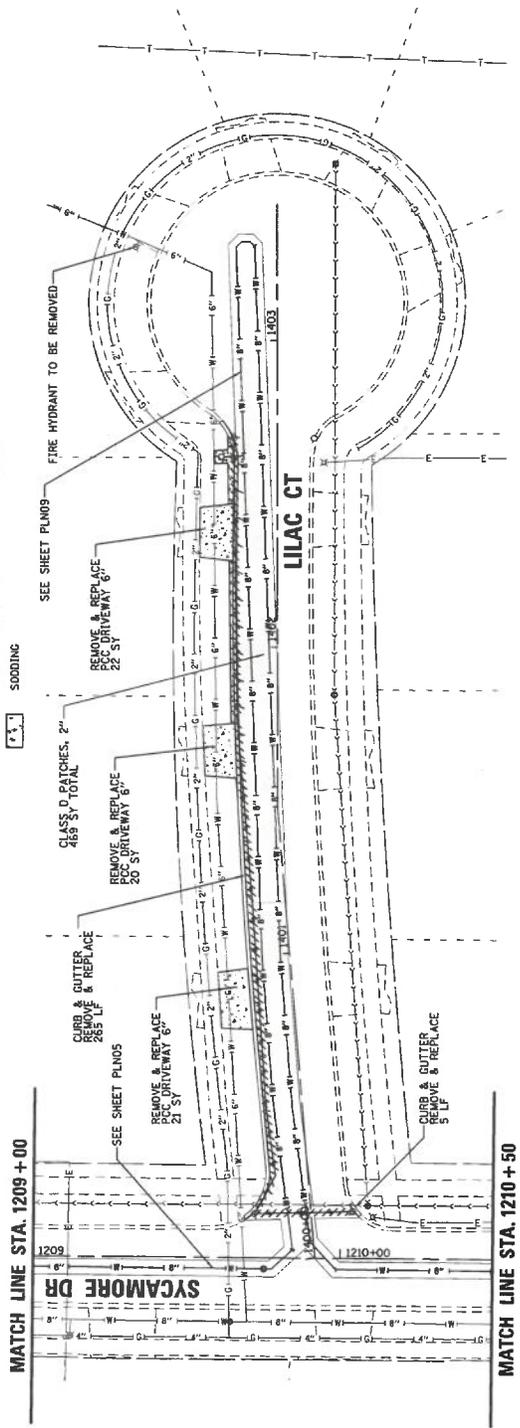
**CATALINA SUBDIVISION
 2025 WATER MAIN IMPROVEMENTS
 SYCAMORE DRIVE
 REMOVAL AND RESTORATION PLAN**

NO.	DATE	FILE NAME	NATURE OF REVISION	CHKD.	APPV'D.	DEF.



LEGEND

	DRIVEAWAY REMOVE & REPLACE		CURB AND GUTTER REMOVE & REPLACE
	SIDEWALK REMOVE & REPLACE		CLASS D PATCHES, 2"
	SODDING		CLASS P PATCHES, 2"



PROJECT LOCATION

CATALINA SUBDIVISION

2025 WATER MAIN IMPROVEMENTS

NARCISSEUS COURT & LILAC COURT

REMOVAL AND RESTORATION PLAN

DESIGN	DATE	SCALE	PLAT DATE	DATE
CONTRACTOR	1/9/2025	AS SHOWN	1/9/2025	1/9/2025
NO.	DATE	NATURE OF REVISION	BY	DATE
1				

FILE NAME: \\ORLANDPARK\ORLANDPARK\12105-22025M\12105-22025M.DWG

CLIENT:

ORLAND PARK

CHRISTOPHER B. BURKE ENGINEERING, LTD.

9575 W. Higgins Road, Suite 600

Rosemont, Illinois 60018

(847) 923-0500

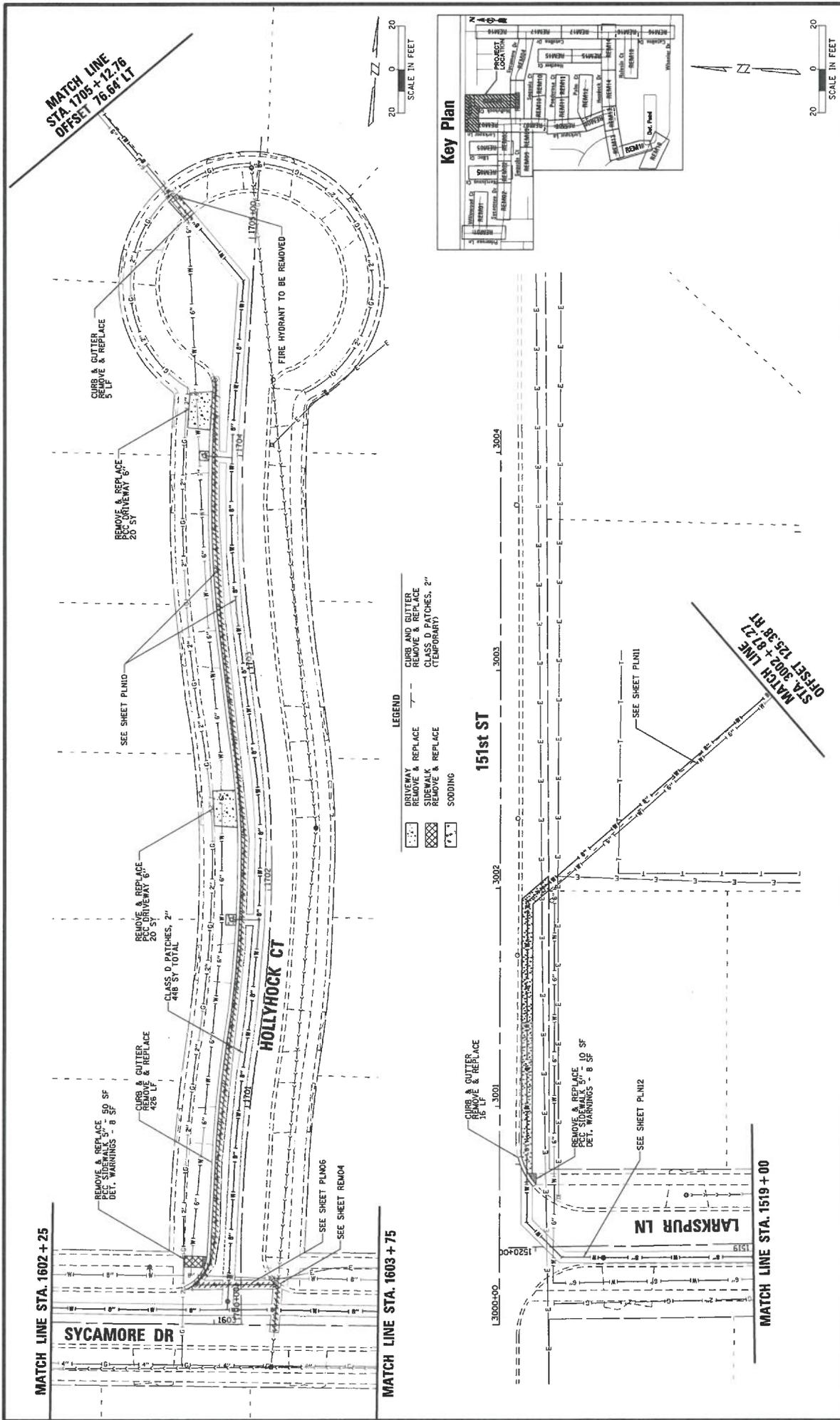
PROJ. NO. 220310

DATE: 1/9/2025

SHEET 53 OF 89

DRAWING NO.

REMO5



SCALE IN FEET
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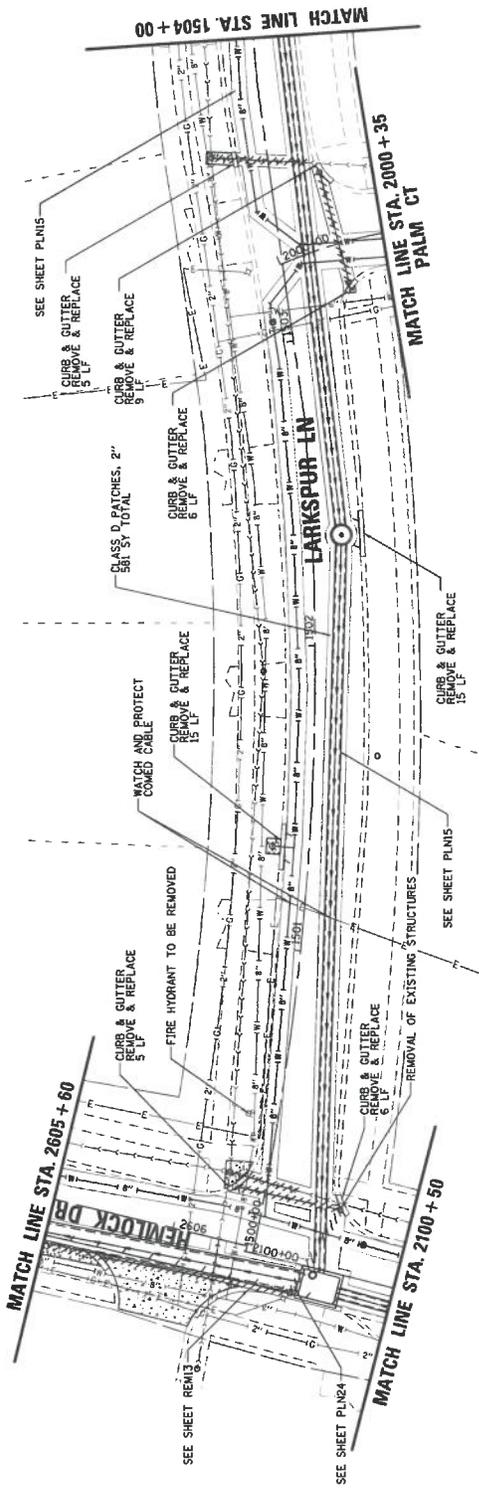
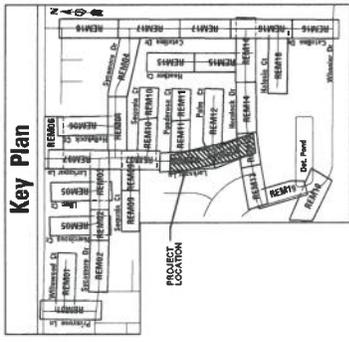
SCALE IN FEET
0 20

LEGEND

	DRIVEWAY REMOVE & REPLACE
	SIDEWALK REMOVE & REPLACE
	CURB AND GUTTER REMOVE & REPLACE
	CLASS. D PATCHES, 2"
	CLASS. B PATCHES, 2"
	SOODDING

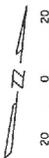
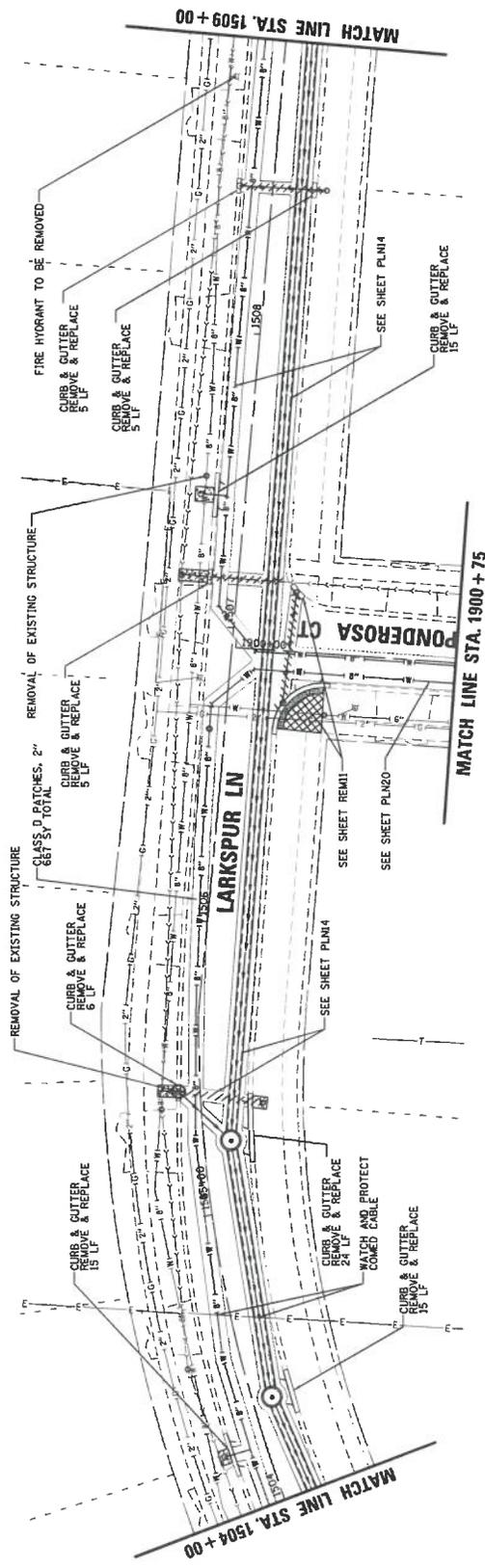
		ORLAND PARK		CLIENT:	
CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60016 (847) 823-0500		CATALINA SUBDIVISION 2025 WATER MAIN IMPROVEMENTS HOLLYHOCK COURT & 151ST STREET REMOVAL AND RESTORATION PLAN		TITLE:	
PROJ. NO. 203310 DATE 1/29/2025 SHEET 54 OF 89 DRAWING NO.	DESIGNED BY: JFA CHECKED BY: JFA DATE: 1/29/2025 CAD USER: jfa PLOT DATE: 1/29/2025 PLOT USER: jfa	DESIGNED BY: JFA CHECKED BY: JFA DATE: 1/29/2025 CAD USER: jfa PLOT DATE: 1/29/2025 PLOT USER: jfa	DESIGNED BY: JFA CHECKED BY: JFA DATE: 1/29/2025 CAD USER: jfa PLOT DATE: 1/29/2025 PLOT USER: jfa	DESIGNED BY: JFA CHECKED BY: JFA DATE: 1/29/2025 CAD USER: jfa PLOT DATE: 1/29/2025 PLOT USER: jfa	DESIGNED BY: JFA CHECKED BY: JFA DATE: 1/29/2025 CAD USER: jfa PLOT DATE: 1/29/2025 PLOT USER: jfa
FILE NAME: I:\ORLAND PARK\2025\203310\DWG\203310_54.DWG		NATURE OF REVISION:		REMOVS	

Key Plan



LEGEND

	DRIVEWAY REMOVE & REPLACE
	SIDEWALK REMOVE & REPLACE
	CURB AND GUTTER REMOVE & REPLACE
	CLASS D PATCHES, 2" (TEMPORARY)
	SODDING



ORLAND PARK

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

CLIENT: _____

PROJ. NO. 220310
 DATE: 1/9/2025
 SHEET 56 OF 69
 DRAWING NO. _____
 REMOVS

FILE NAME: I:\ORLAND PARK\220310\CHASIT_1104\220310\220310.DWG

NO. _____ DATE _____

MATERIAL OF RETENTION _____

CHKD. MODEL1 DEPT/ART _____

TITLE: _____

SUB/PLN: _____

SCALE: _____

DATE: 1/9/2025

BY: _____

SCALE: _____

DATE: 1/9/2025

BY: _____

PROJECT LOCATION

PROJECT NO. _____

PROJECT NAME: _____

PROJECT ADDRESS: _____

PROJECT CITY: _____

PROJECT STATE: _____

PROJECT ZIP: _____

PROJECT NO. 220310

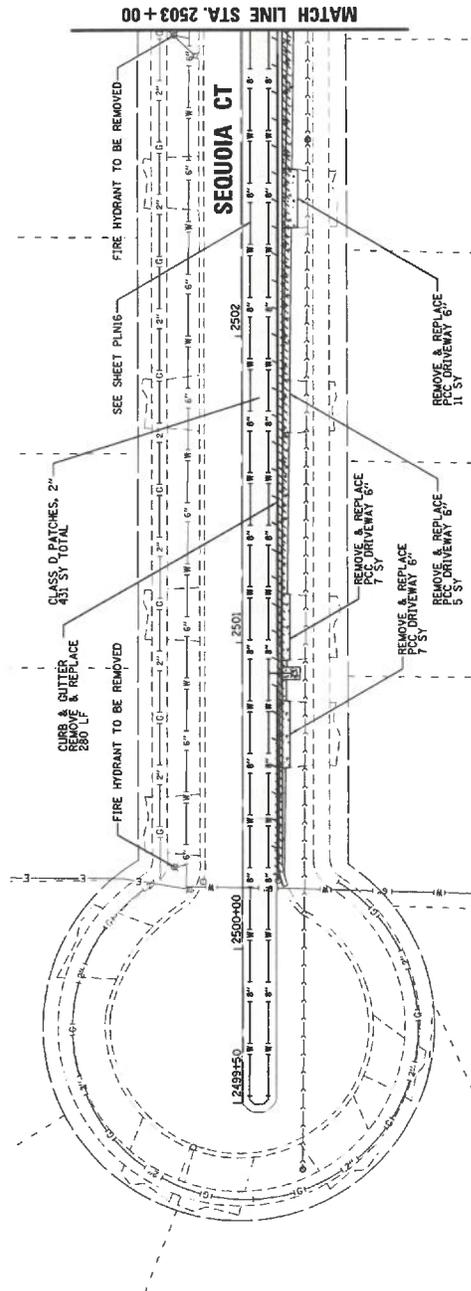
DATE: 1/9/2025

SHEET 56 OF 69

DRAWING NO. _____

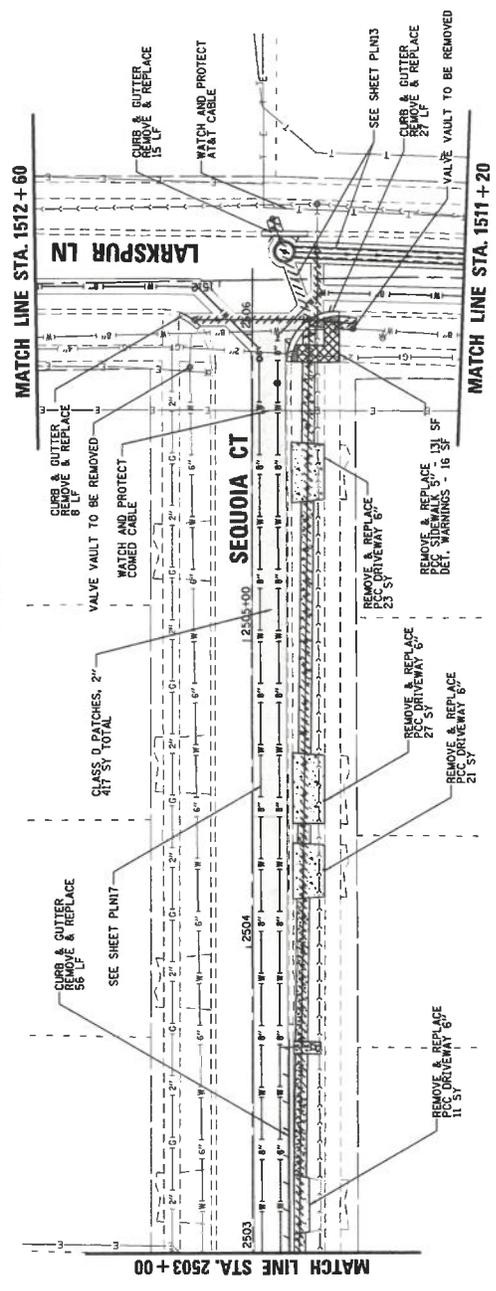
REMOVS

Key Plan



LEGEND

	DRIVEAWAY REMOVE & REPLACE
	SIDEWALK REMOVE & REPLACE
	SODDING
	CLASS D PATCHES, 2"
	CLASS D PATCHES, 2" (TEMPORARY)



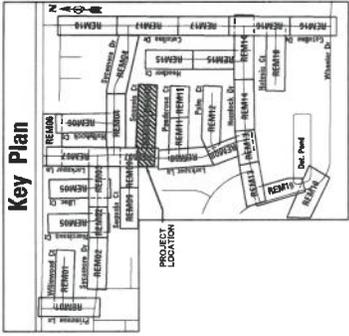
**CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
SEQUOIA COURT
REMOVAL AND RESTORATION PLAN**

PROJ. NO.	220310
DATE	1/7/2025
SHEET	57 OF 89
DRAWING NO.	
TITLE	
DESIGN	
CHECK	
SCALE	AS SHOWN
PLOT DATE	1/7/2025
USER	
CHK. MODEL	
NO. DATE	
NATURE OF REVISION	
FILE NAME	\\ORLANDPARK\220310\DWG\PLAN_2502_2025MIL.REV.09.220310.DWG



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

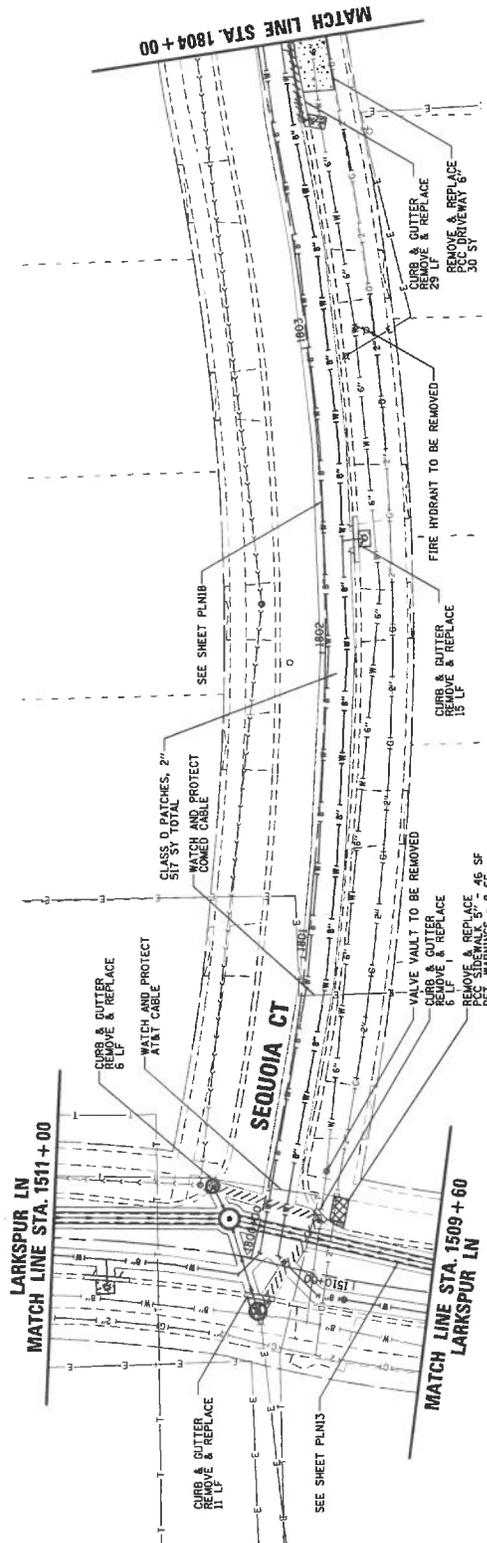




Key Plan

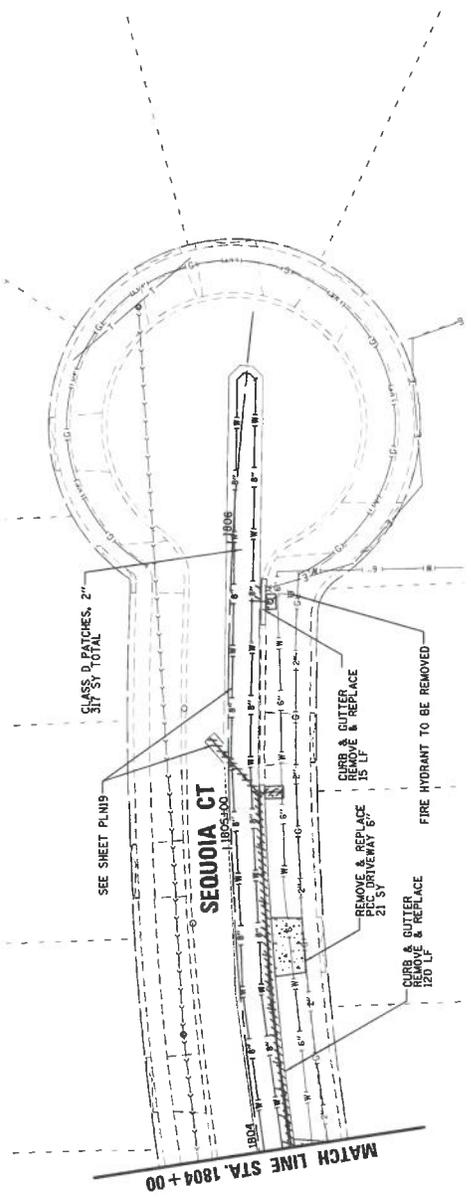


SCALE IN FEET



LEGEND

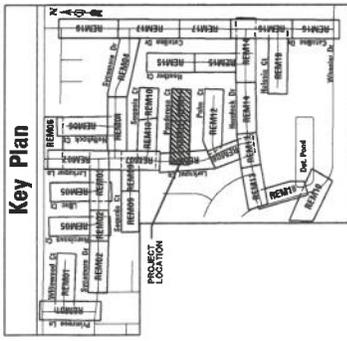
[Symbol]	DRIVEWAY REMOVE & REPLACE	[Symbol]	CURB AND GUTTER REMOVE & REPLACE
[Symbol]	SIDEWALK REMOVE & REPLACE	[Symbol]	CLASS D PATCHES, 2"
[Symbol]	REMOVE & REPLACE	[Symbol]	TEMPORARY
[Symbol]	SOODING		



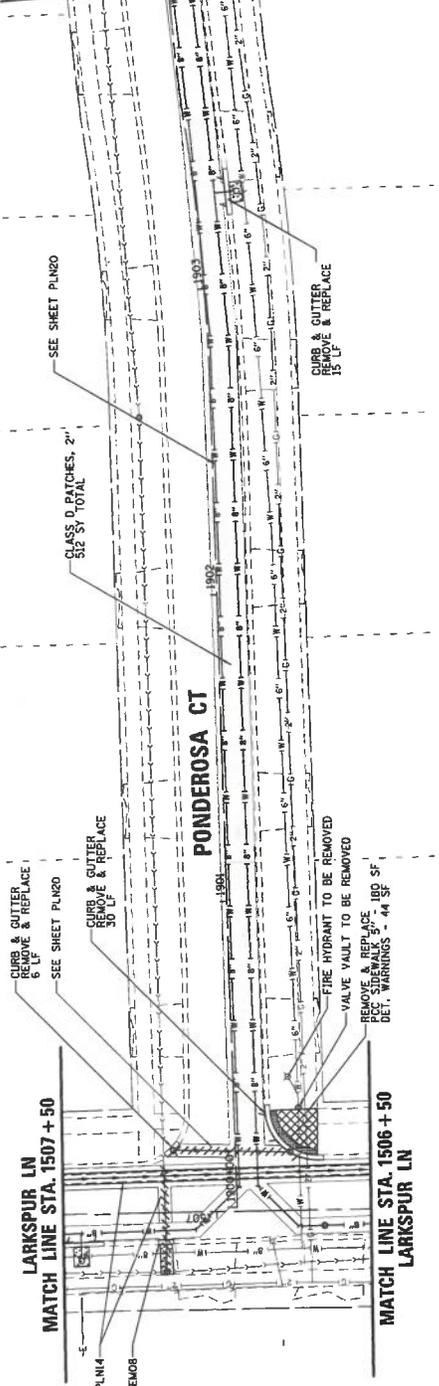
SCALE IN FEET

		ORLAND PARK	
CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 623-0500		CLIENT: CATALINA SUBDIVISION 2025 WATER MAIN IMPROVEMENTS SEQUOIA COURT REMOVAL AND RESTORATION PLAN	
PROJ. NO.	202310	DATE	1/29/2025
SHEET NO.	OF 19	DRAWING NO.	REMI10
DESIGN	SAN/ALK	DATE	1/29/2025
CHKD.	JFA	BY	JFA
PLT DATE	1/29/2025	SCALE	AS SHOWN
CAD USER	SPW/rlg	DATE	1/29/25
CHKD. MODEL	SPW/rlg	DATE	1/29/25
NATURE OF REVISION	FILE NAME	IN:\WORK\2023\ORLAND PARK\2023\ORLAND PARK 2023.DWG	

Key Plan



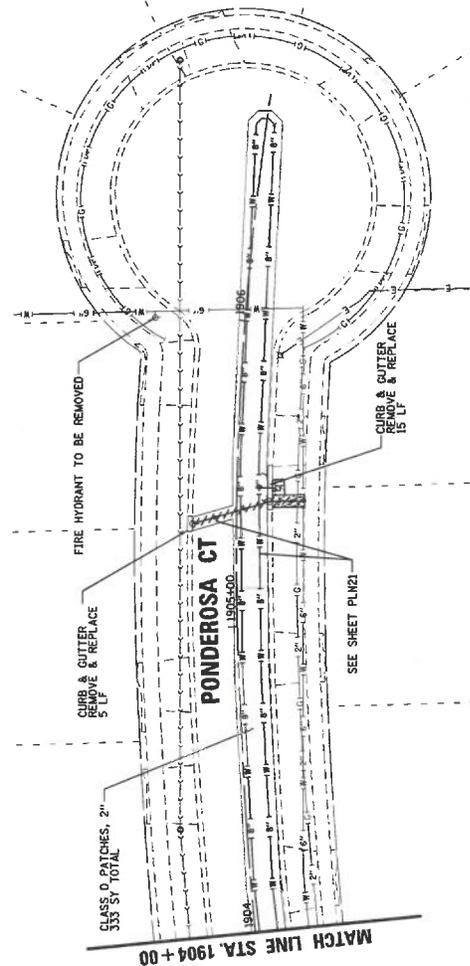
MATCH LINE STA. 1904 + 00



SEE SHEET PLN14
SEE SHEET REM08

LEGEND

	DRIVEWAY & REPLACE
	CURB AND GUTTER REMOVE & REPLACE
	CLASS D PATCHES, 2" (TEMPORARY)
	SIDEWALK REMOVE & REPLACE
	SODDING



MATCH LINE STA. 1904 + 00

LARKSPUR LN
MATCH LINE STA. 1507 + 50

MATCH LINE STA. 1506 + 50
LARKSPUR LN

**CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
PONDEROSA COURT
REMOVAL AND RESTORATION PLAN**

PROJ. NO.	220310
DATE	1/9/2025
SHEET NO. OF	89
DRAWING NO.	REM11

DESIGN	SM/ALH
CHDR.	JFA
SCALE	3/4"
PLOT DATE	1/9/2025
DATE USED	01/09/2025
FILE NAME	C:\ORLANDPARK\2025\20250109\CONV.SIT_Plan_2025\CONV_Site_2025.dwg

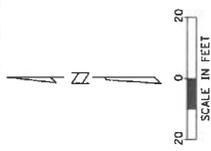
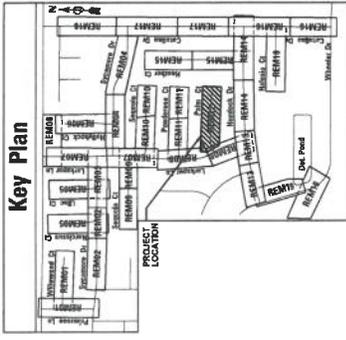
ORLAND PARK

CLIENT:

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

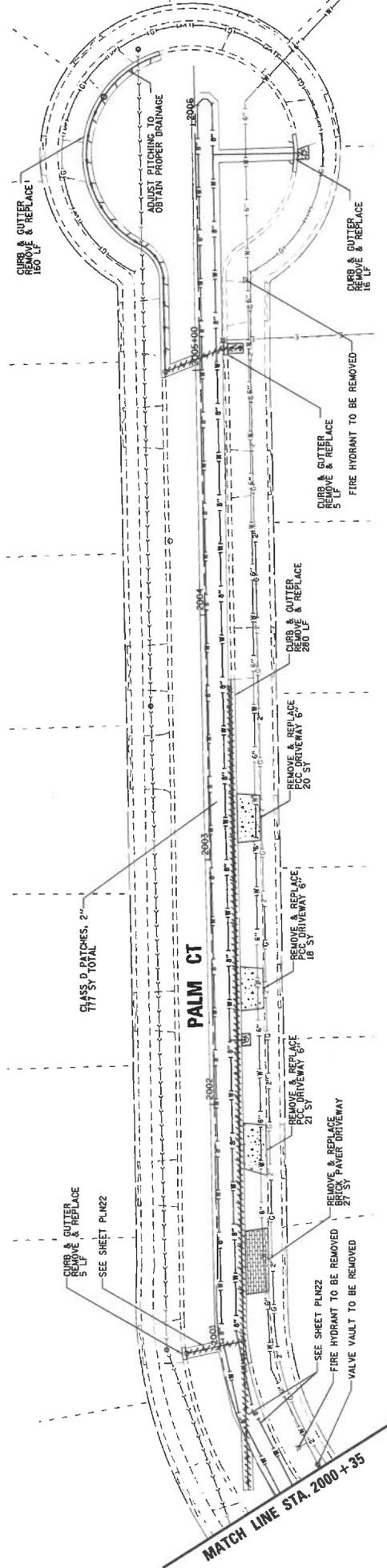


Key Plan



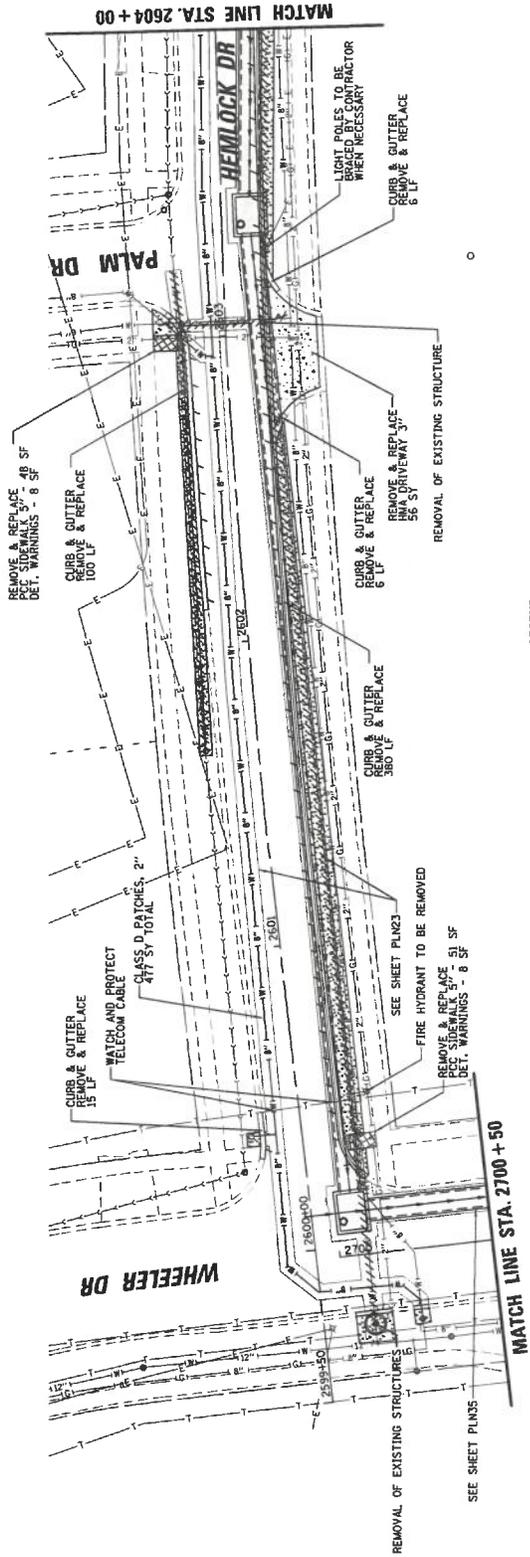
LEGEND

	DRIVEWAY REMOVE & REPLACE		CURB AND GUTTER REMOVE & REPLACE
	SIDEWALK REMOVE & REPLACE		CLASS D PATCHES, 2"
	CLASS D PATCHES, 2" (TEMPORARY)		SODDING



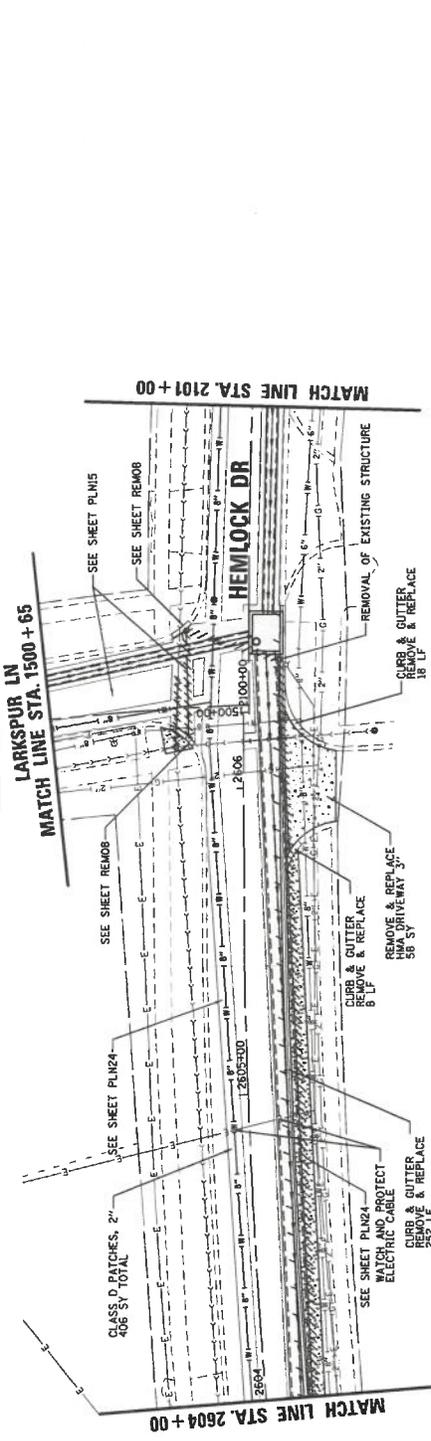
<p>CLIENT: ORLAND PARK</p>		<p>PROJ. NO. 200310 DATE: 1/9/2025 SHEET 40 OF 89 DRAWING NO.</p>	
<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 623-4500</p>		<p>TITLE: CATALINA SUBDIVISION 2025 WATER MAIN IMPROVEMENTS PALM COURT REMOVAL AND RESTORATION PLAN</p>	
<p>NO. DATE</p>	<p>FILE NAME</p>	<p>DESIGNER</p>	<p>CHECKED</p>
<p>DATE</p>	<p>FILE NAME</p>	<p>DATE</p>	<p>DATE</p>
<p>DATE</p>	<p>FILE NAME</p>	<p>DATE</p>	<p>DATE</p>

Key Plan



LEGEND

	DRIVEAWAY	REMOVE & REPLACE
	SIDEWALK	REMOVE & REPLACE
	SODDING	



PRJ. NO.	220310
DATE	1/2/2025
SHEET #	OF 08
DRAWING NO.	

**CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
HEMLOCK DRIVE
REMOVAL AND RESTORATION PLAN**

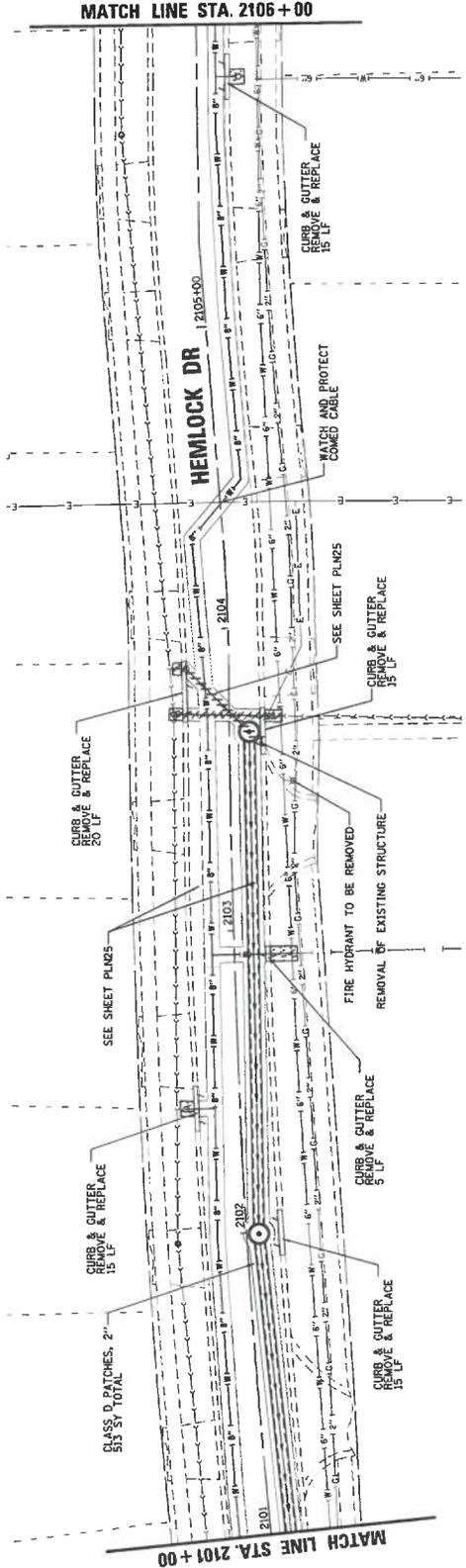
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CHKD.	SCALE	DATE
PLT. DATE	SCALE	DATE
FILE NAME	NATURE OF REVISION	CHKD. MODEL

FILE NAME	NATURE OF REVISION	CHKD. MODEL
FILE NAME	NATURE OF REVISION	CHKD. MODEL

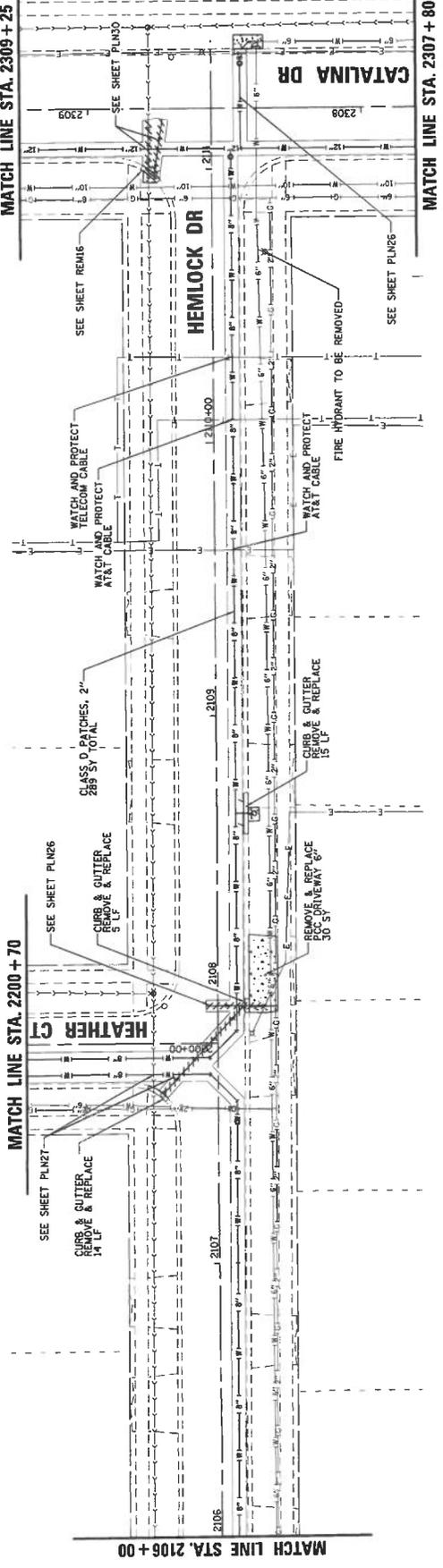


CHRISTOPHER B. BURKE ENGINEERING, LTD.
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Rosemont, Illinois 60018
(847) 822-0500

Key Plan



- LEGEND**
- DRIVEWAY REMOVE & REPLACE
 - SIDEWALK REMOVE & REPLACE
 - CURB & GUTTER REMOVE & REPLACE
 - CLASS D PATCHES, 2"
 - TEMPORARY
 - SODDING



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 (847) 823-4500

ORLAND PARK

CLIENT:

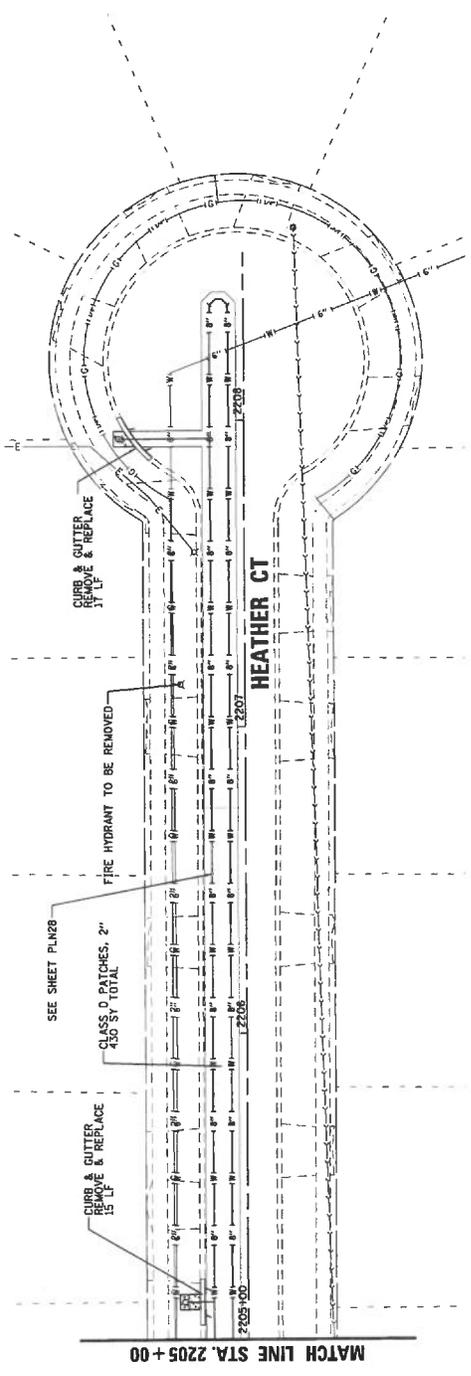
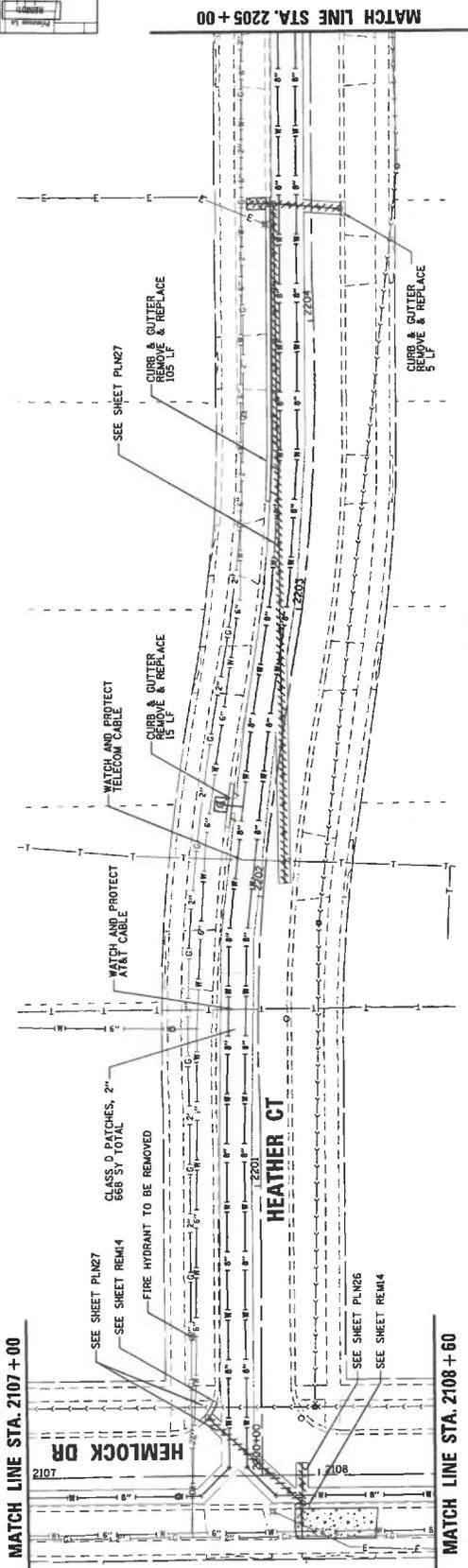
TITTLE: **CATALINA SUBDIVISION
2025 WATER MAIN IMPROVEMENTS
HEMLOCK DRIVE
REMOVAL AND RESTORATION PLAN**

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL

ISSN.	S.A.V./L.H.	DATE	BY

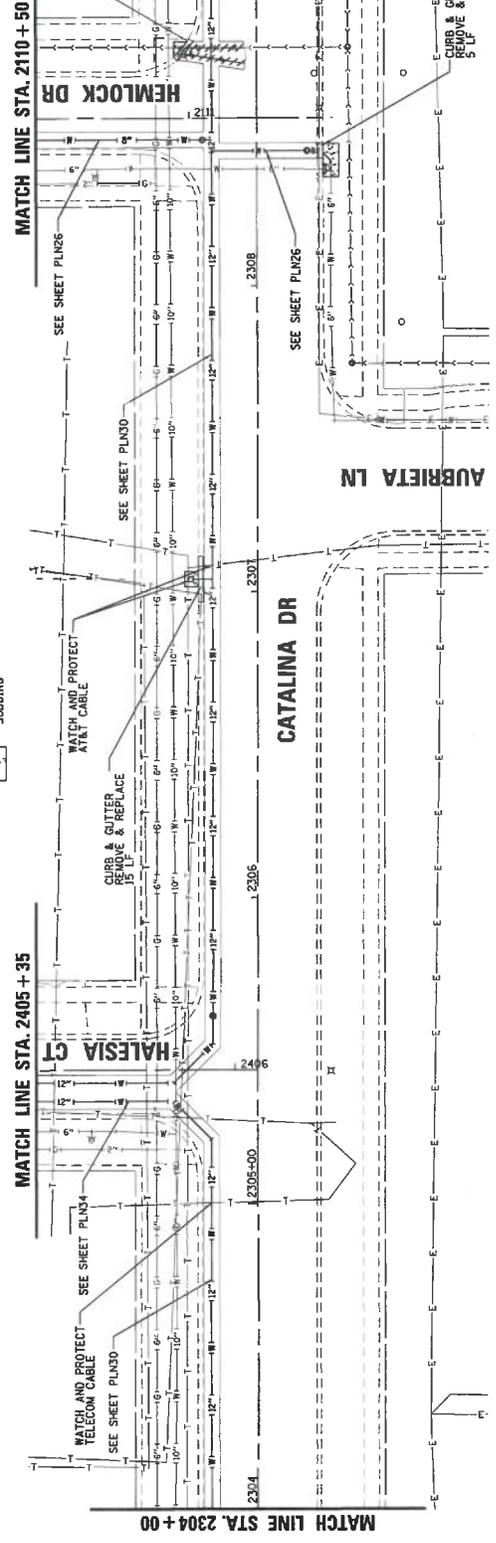
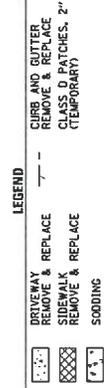
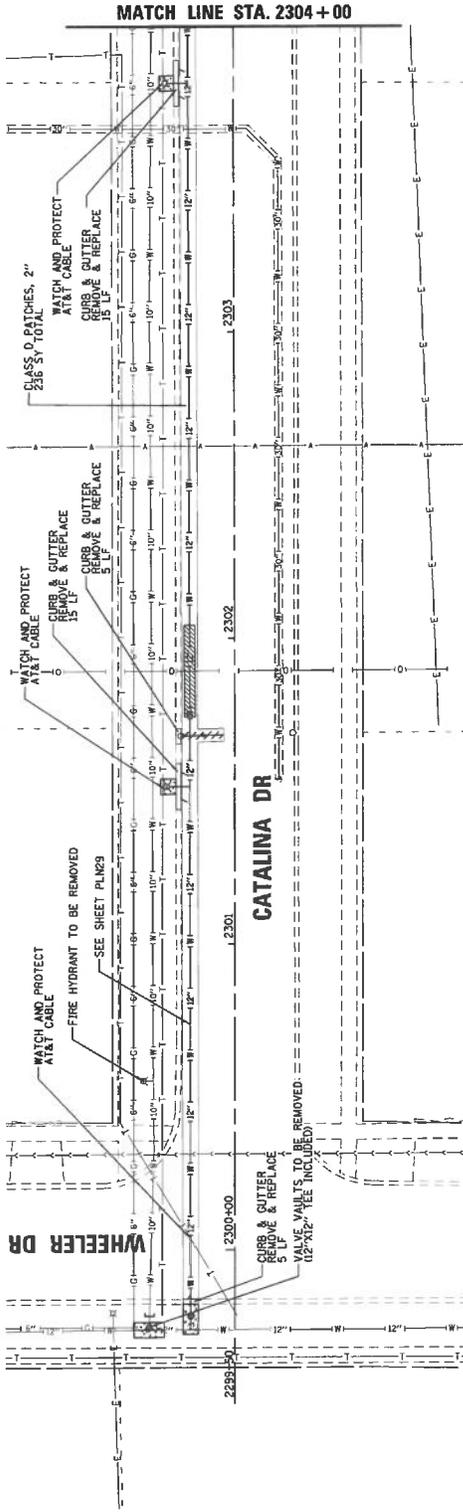
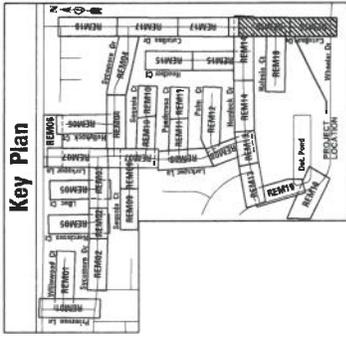
PROJ. NO.	DATE	SHEET NO.	OF NO.
20310	1/29/2025	62	69

DRAWING NO. **REM14**



CHRISTOPHER B. BURKE ENGINEERING, LTD. 8575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 822-0500		ORLAND PARK 	CLIENT: ORLAND PARK 1100 W. PARKWAY, ORLAND PARK, ILL. 60452	TITLE: CATALINA SUBDIVISION 2025 WATER MAIN IMPROVEMENTS HEATHER COURT REMOVAL AND RESTORATION PLAN	PROJ. NO. 220310 DATE 1/27/2025 SHEET 63 OF 83 DRAWING NO. REM15
NO. DATE NATURE OF REVISION FILE NAME: \\ORLANDPARK\220303\PLN27 - REM15\220303\ORLANDPARK_220303.DWG	DESIG. S. J. M. / J. L. J. S. J. M. / J. L. J.	SCALE: 1" = 30' 1/2" = 30' 1/4" = 30'	PLOT DATE: 1/27/2025	USER: J. L. J.	MODEL: PLN27

Key Plan



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 Rosemont, Illinois 60018
 (847) 823-4500

ORLAND PARK

CLIENT: **ORLAND PARK**

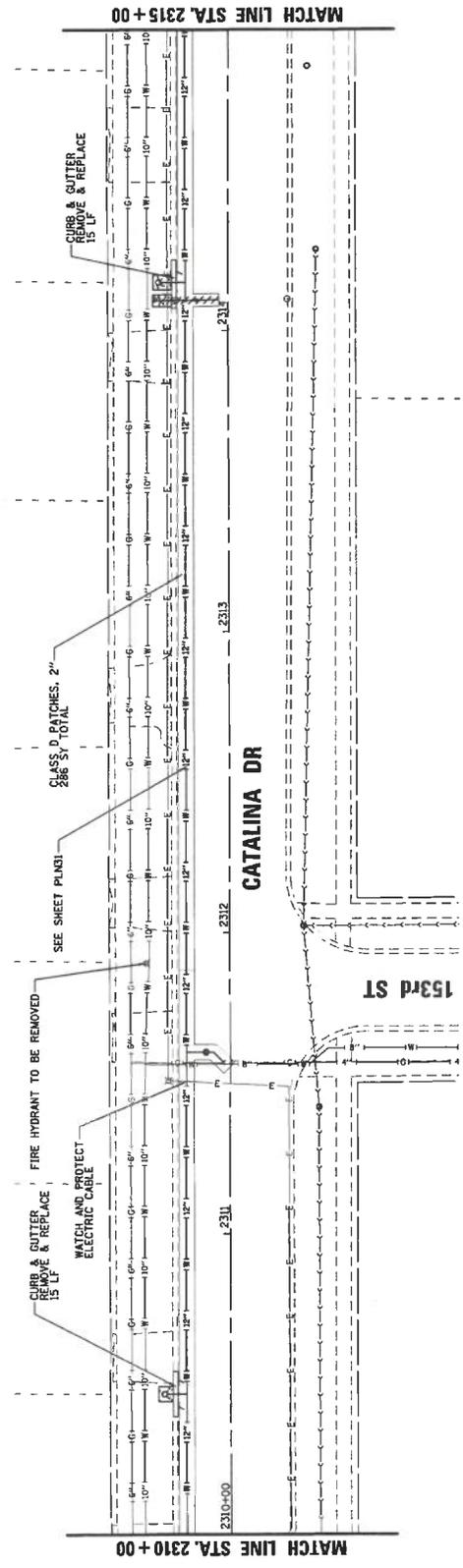
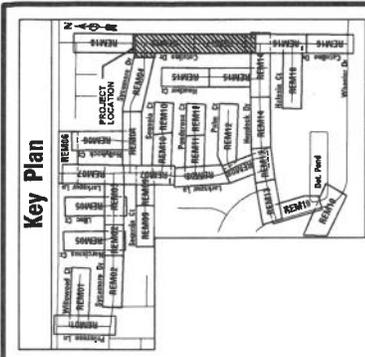
PROJ. NO. 20330
 DATE 1/29/2025
 SHEET 64 OF 99
 DRAWING NO. REM16

FILE NAME: I:\ORLAND PARK\2025\ORNDST_2025\025\ORNDST_2025\025.DWG

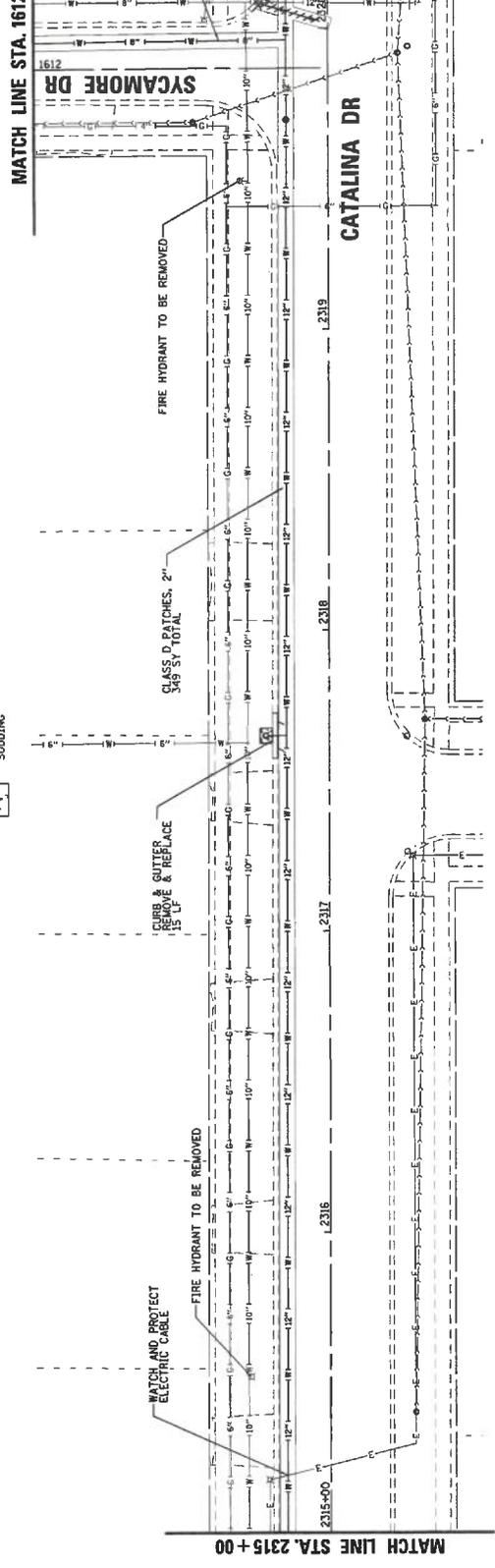
TITLE: **CATALINA SUBDIVISION
 2025 WATER MAIN IMPROVEMENTS
 CATALINA DRIVE
 REMOVAL AND RESTORATION PLAN**

NO. DATE NATURE OF REVISION

DESIGNER: [Blank]
 CHECKER: [Blank]
 DATE: 1/29/2025
 DRAWING NO.: REM16
 MODEL: [Blank]
 DESIGNED BY: [Blank]

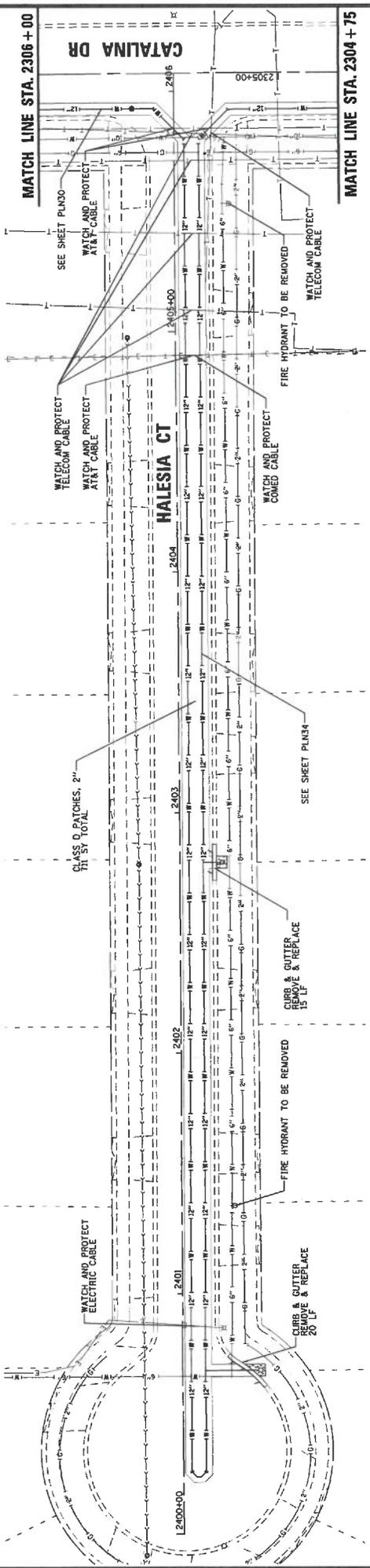
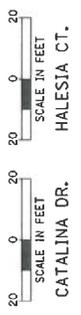
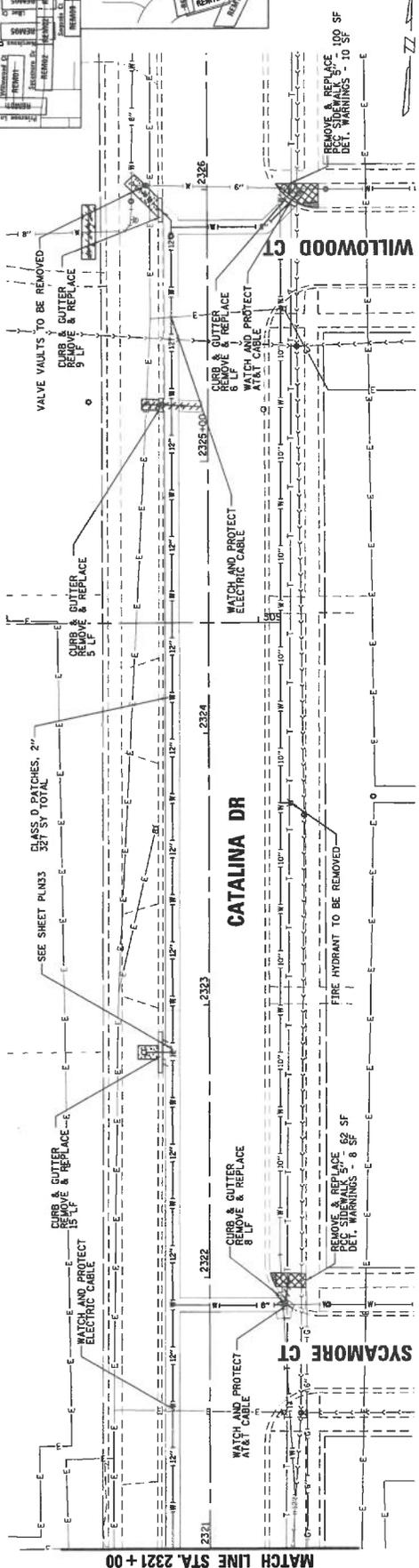


- LEGEND**
- DRIVEWAY REMOVE & REPLACE
 - CLASS D PATCHES, 2" (TEMPORARY)
 - SIDEWALK REMOVE & REPLACE
 - SODDING



	CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 822-0500		ORLAND PARK	SERIALS NO. 1 DATE 1/7/2025	TITLE CATALINA SUBDIVISION 2025 WATER MAIN IMPROVEMENTS CATALINA DRIVE REMOVAL AND RESTORATION PLAN	PROJ. NO. 220310 DATE 1/7/2025 SHEET 65 OF 89 DRAWING NO.
				NO. DATE FILE NAME: W:\ORLANDPARK\2025\ORLANDPARK\2025\ORLANDPARK_2025\ORLANDPARK_2025.DWG	NATURE OF REVISION CHG. MODEL	PLOT DATE 1/7/2025 CAD USER JAWING PLOT BY JAWING

Key Plan



CHRISTOPHER B. BURKE ENGINEERING, LTD.
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 Rosemont, Illinois 60018
 (847) 823-0500

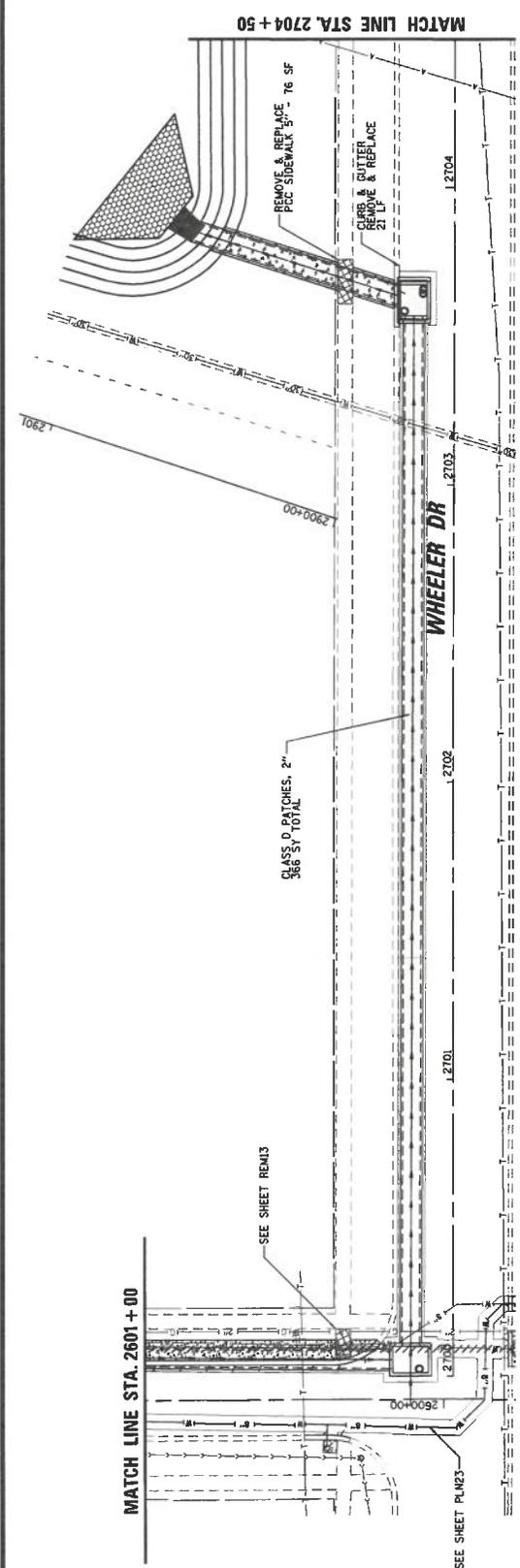
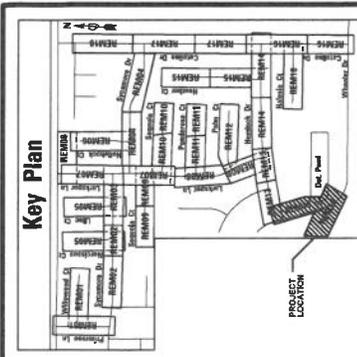
ORLAND PARK

NO.	DATE	REVISION	NATURE OF REVISION	CHKD.	MODEL	DATE	BY

DISC.	S.N./V.H.	J.E.A.	DATE	BY

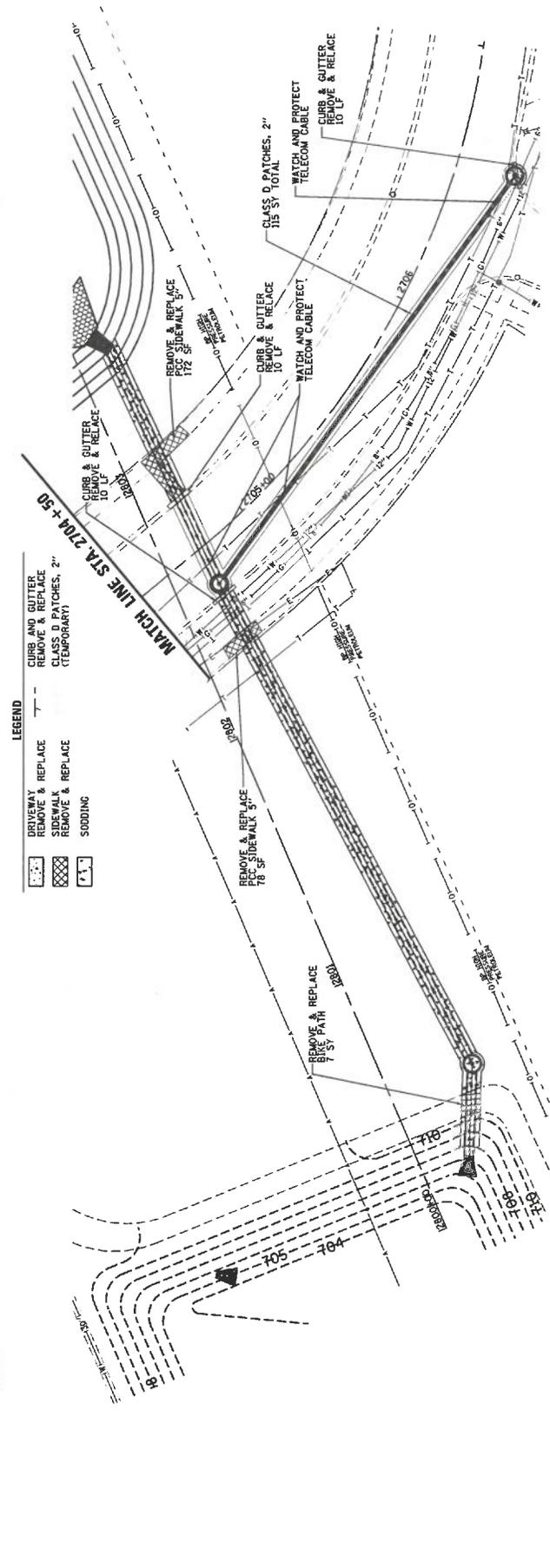
TITLE: CATALINA SUBDIVISION
 2025 WATER MAIN IMPROVEMENTS
 CATALINA DRIVE & HALESIA COURT
 REMOVAL AND RESTORATION PLAN
REM18





LEGEND

	DRIVEAWAY REMOVE & REPLACE
	CURB AND GUTTER REMOVE & REPLACE
	CLASS D PATCHES, 2" (TEMPORARY)
	SIDEWALK REMOVE & REPLACE
	SODDING



ORLAND PARK

CLIENT:

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 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

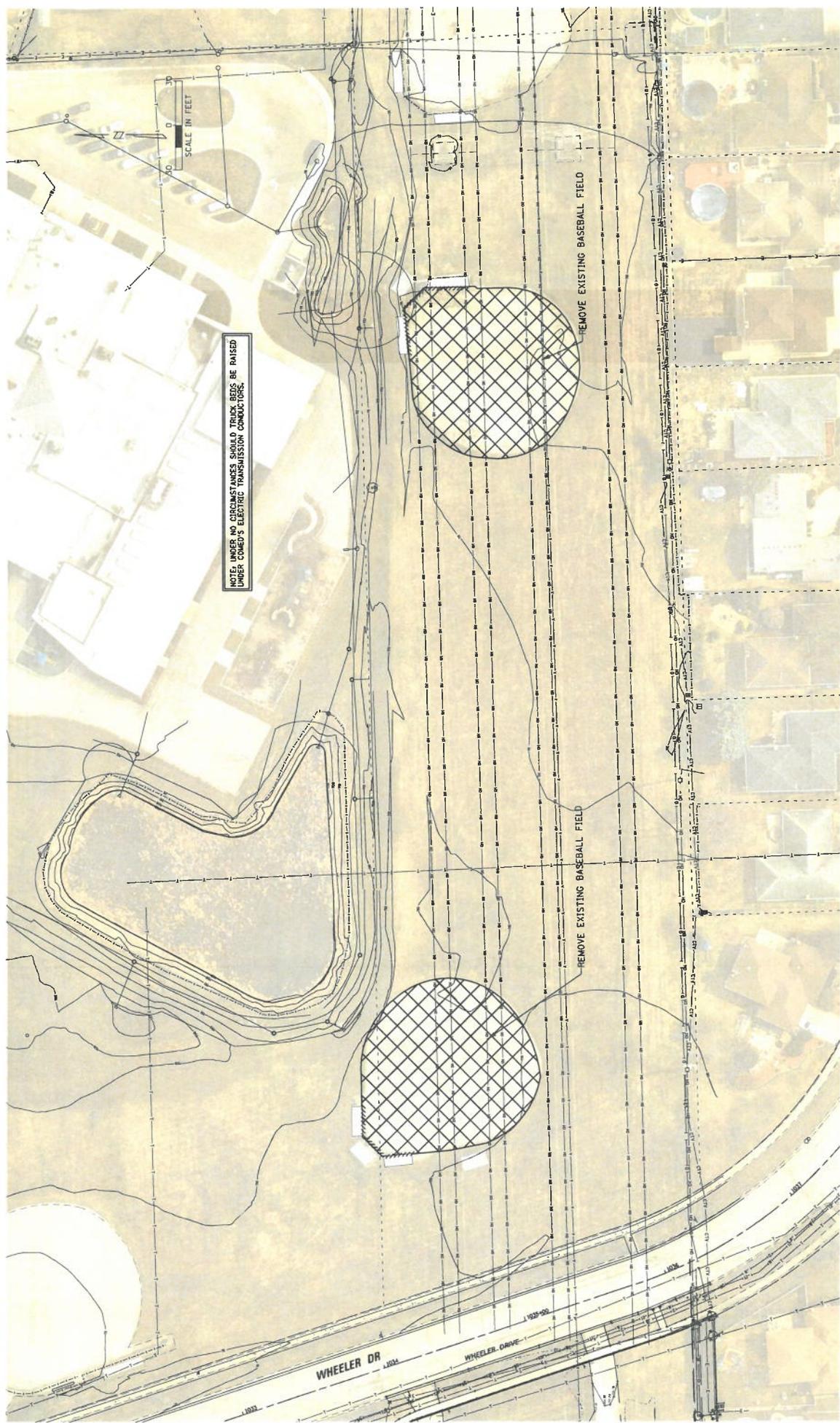
REM19

CATALINA SUBDIVISION
 2025 WATER MAIN IMPROVEMENTS
 WHEELER DRIVE & DETENTION POND
 REMOVAL AND RESTORATION PLAN

PROJ. NO. 220310
 DATE: 1/3/2025
 SHEET 67 OF 89
 DRAWING NO.

NO.	DATE	BY	DESCRIPTION

DESIGN: []
 CHECKED: []
 SCALE: []
 PLOT DATE: 1/3/2025
 CAD USER: []
 CNO. []
 FILE NAME: \\ORLANDPARK\220310\CAD\SET - REM19\2025\022524.WPL



NOTE: UNDER NO CIRCUMSTANCES SHOULD TRUCK BEDS BE RAISED UNDER COMED'S ELECTRIC TRANSMISSION CONDUCTORS.

PROJ. NO. 20010
 DATE 1/9/2005
 SHEET 66 OF 89
 DRAWING NO. POND01

**CATALINA SUBDIVISION
 2025 WATER MAIN IMPROVEMENTS
 DETENTION POND EXISTING CONDITIONS
 & REMOVAL PLAN**

NO.	DATE	FILE NAME	NATURE OF REVISION	CHKD.	MODEL	DATE	BY

CLIENT:  **ORLAND PARK**

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 6575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (647) 823-0500





CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (617) 823-0500

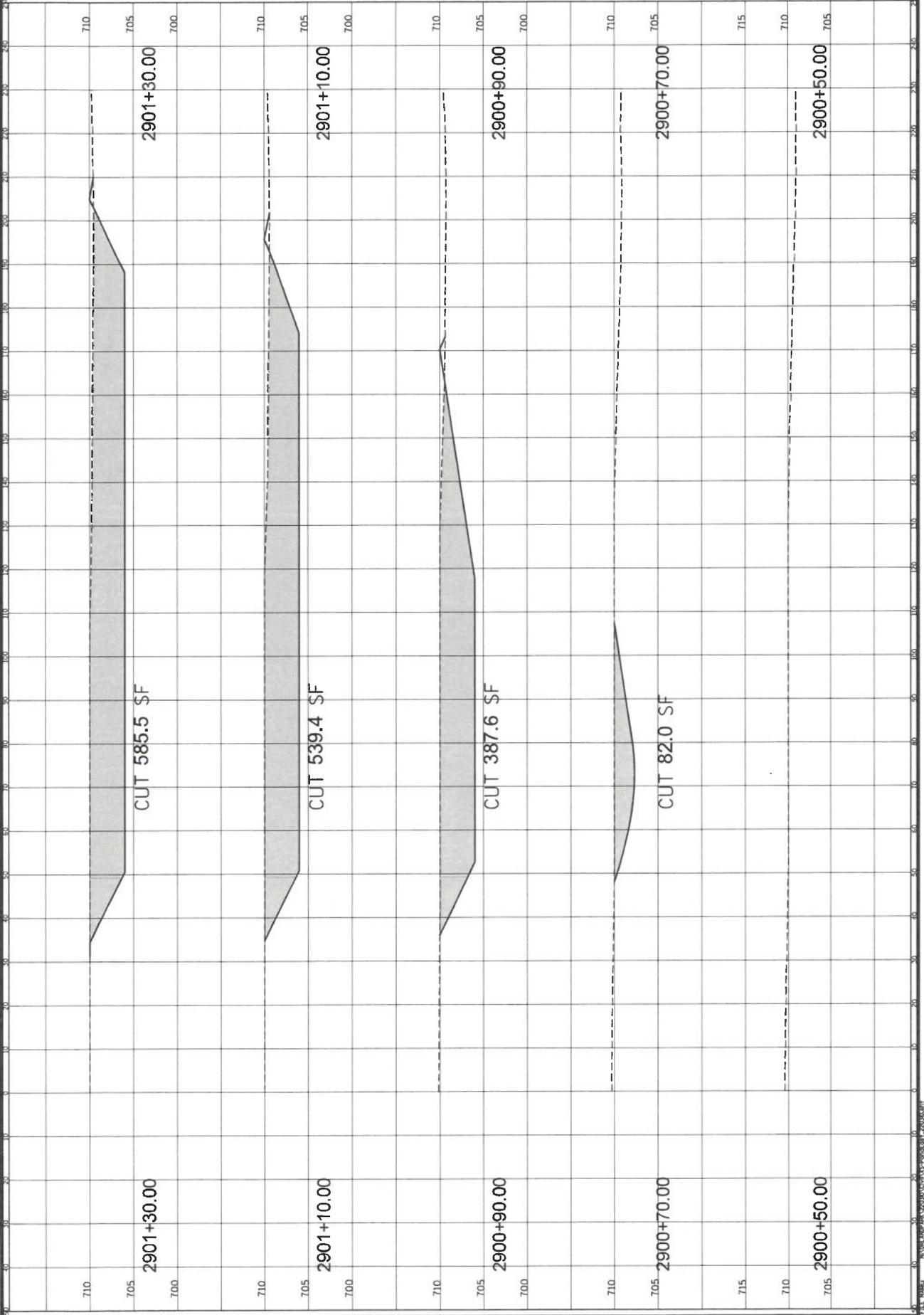


ORLAND PARK

OSHA	S.M.
DATE	1/9/2025
SCALE	1" = 10'
PROJECT	STA. 2900+50.00 - STA. 2901+30.00
CLIENT	ORLAND PARK
DESIGNER	CHRISTOPHER B. BURKE ENGINEERING, LTD.

POND EAST
 STA. 2900+50.00 - STA. 2901+30.00

PROJ. NO. 220310
 DATE: 9/3/2023
 SHEET 71 OF 89
 DRAWING NO. XSI



DATE	1/9/2025
SCALE	1" = 10'
PROJECT	STA. 2900+50.00 - STA. 2901+30.00
CLIENT	ORLAND PARK
DESIGNER	CHRISTOPHER B. BURKE ENGINEERING, LTD.

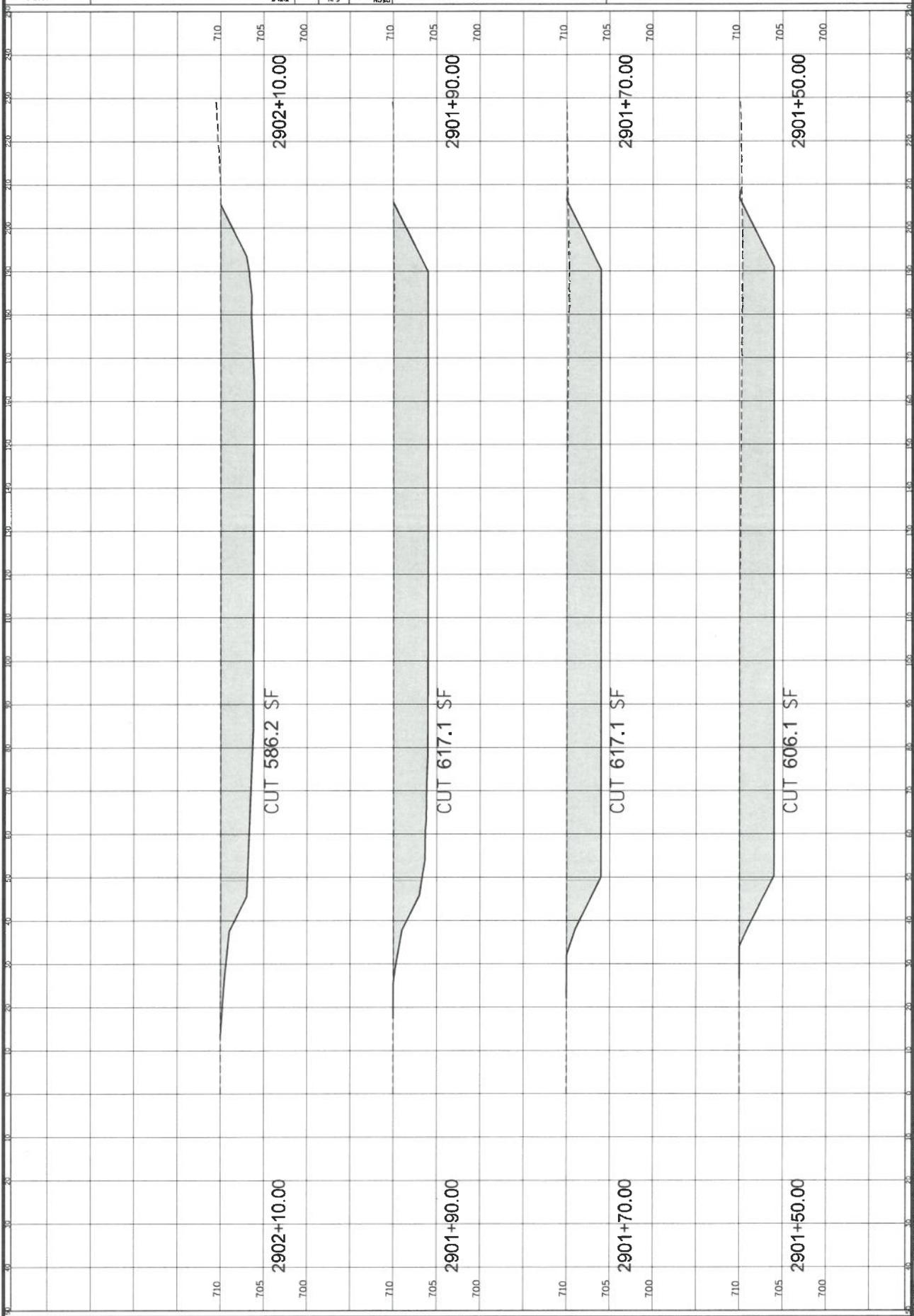
PROJ. NO. 220310
 DATE: 9/2025
 SHEET 72 OF 88
 DRAWING NO. X32

STA. 2901 + 50.00 - STA. 2902 + 10.00
POND EAST

OSHA	SUN
DATE	9/2025
SCALE	HORIZ. 10
VERT.	5
PLT. DATE	1/9/2025
CAD USER	gaming
MODEL	2/24/25

ORLAND PARK
 CLIENT

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 Rosemont, Illinois 60018
 (847) 823-0500



DATE	9/2025
SCALE	HORIZ. 10
VERT.	5
PLT. DATE	1/9/2025
CAD USER	gaming
MODEL	2/24/25

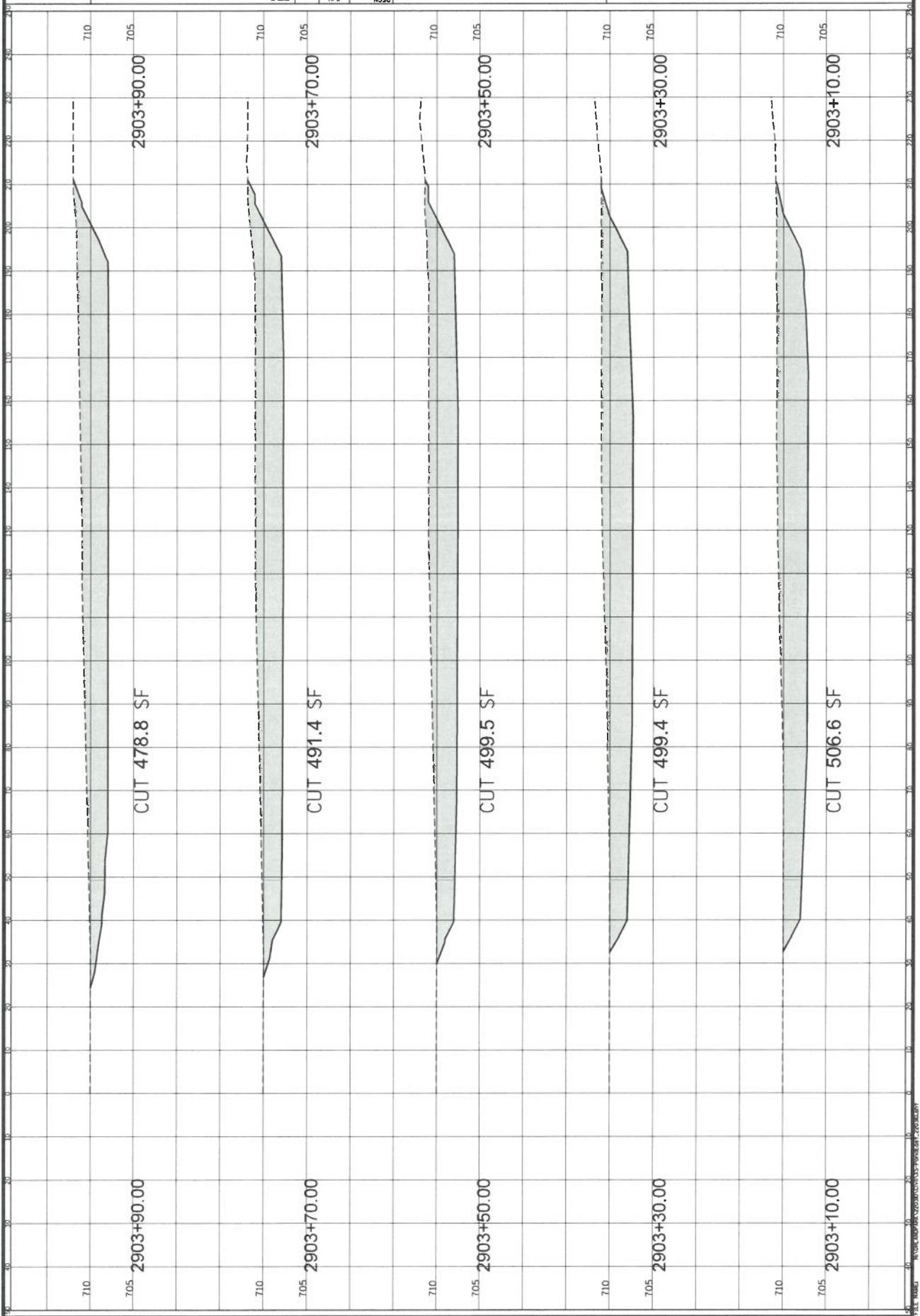
PROJ. NO. 220210
 DATE: 3/2025
 SHEET 14 OF 09
 DRAWING NO. XS4

TITLE: POND EAST
 STA. 2903 + 10.00 - STA. 2903 + 90.00

OSHA	5/11
DATE	3/2025
SCALE	1" = 10'
CAD USER	gms
MODEL	Default
PLT DATE	1/9/2025
VERT. 5	
WGT. 5	
ORLAND PARK	

CLIENT: ORLAND PARK

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



DATE	3/2025
SCALE	1" = 10'
CAD USER	gms
MODEL	Default
PLT DATE	1/9/2025
VERT. 5	
WGT. 5	
ORLAND PARK	

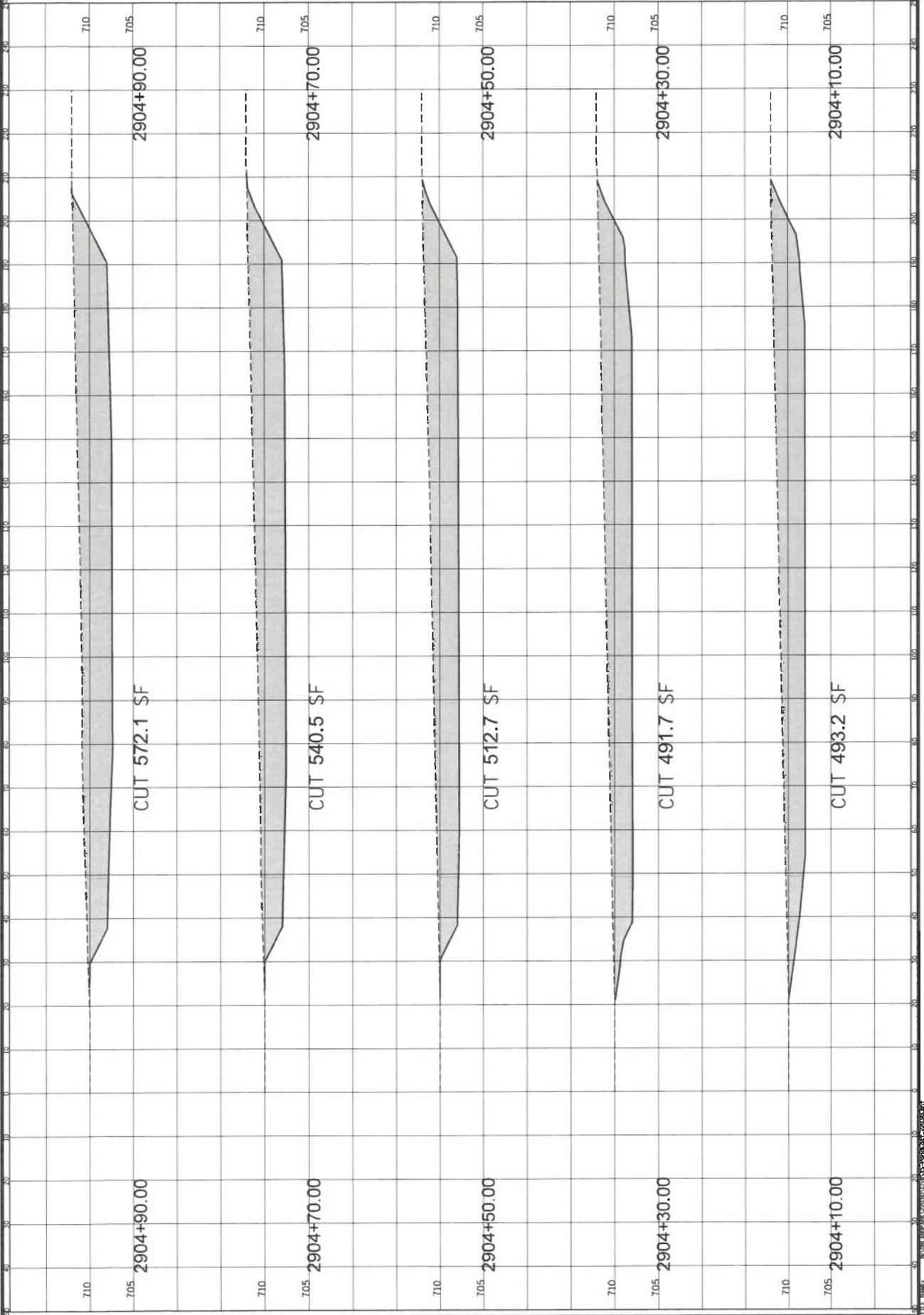
PROJ. NO. 220310
 DATE: 9/2025
 SHEET 75 OF 89
 DRAWING NO.
 XSS

TITLE: POND EAST
 STA. 2904+10.00 - STA. 2904+90.00

OSORK
 DIRM
 S.M
 J.M
 H.M
 SCALE: 1" = 40'
 DATE: 1/9/2025
 CAD USER: [blank]
 MODEL: [blank]

ORLAND PARK
 CL.BM74

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 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500



NO.	DESCRIPTION	DATE	BY	CHECKED
1	DESIGNED	1/9/2025	[blank]	[blank]
2	CHECKED	1/9/2025	[blank]	[blank]
3	APPROVED	1/9/2025	[blank]	[blank]

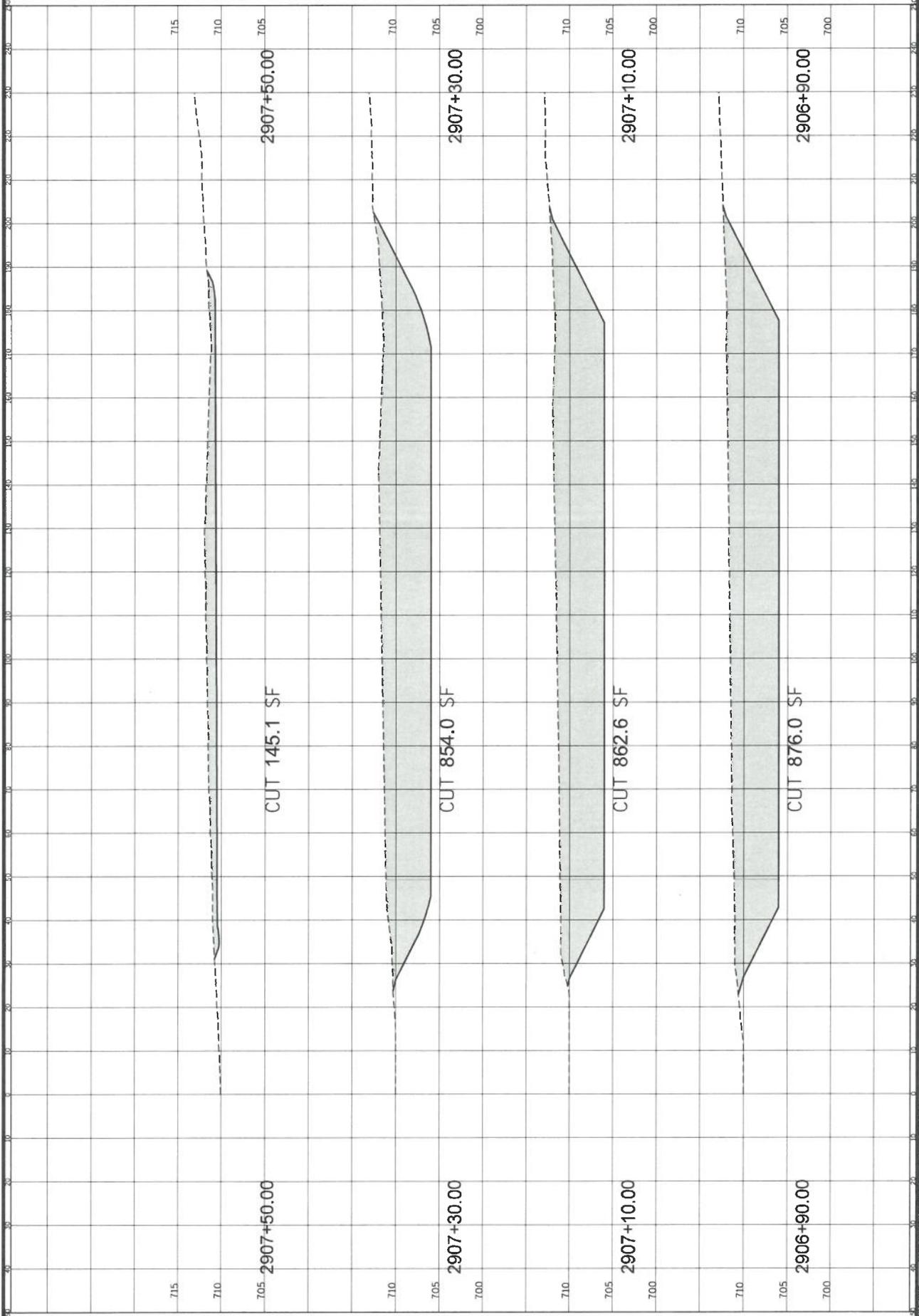
PROJ. NO. 220310
 DATE: 9/3/2025
 SHEET 78 OF 89
 DRAWING NO. XS8

POND EAST
 STA. 2906+90.00 - STA. 2907+50.00

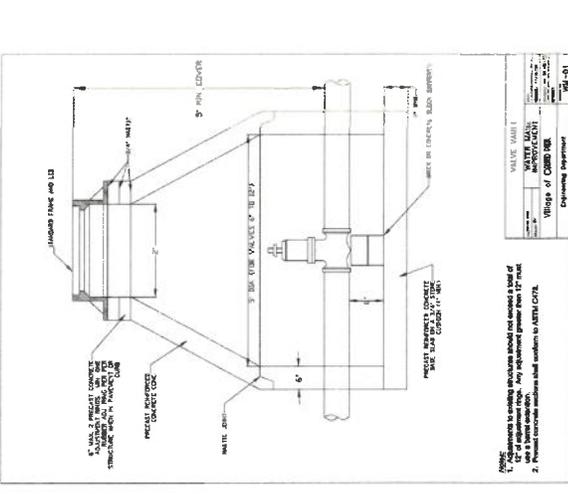
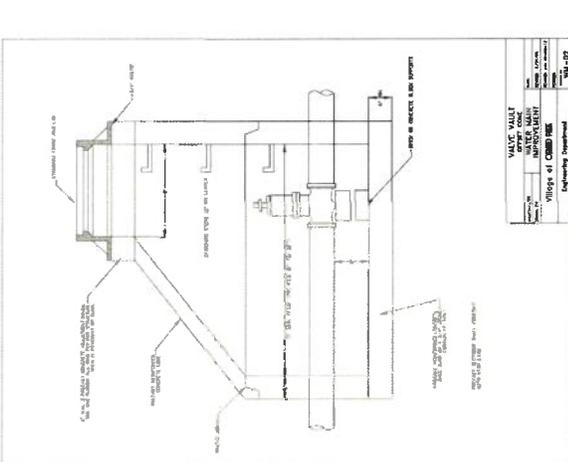
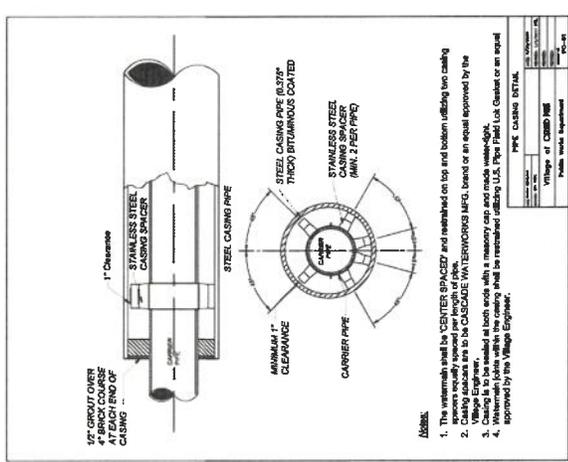
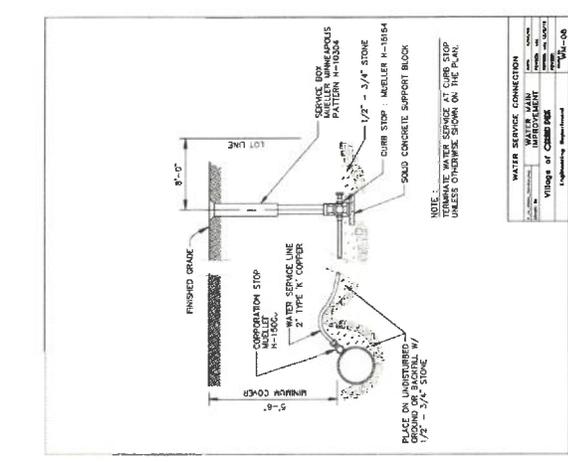
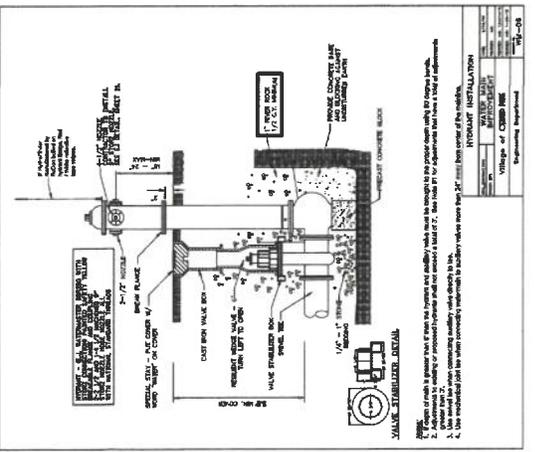
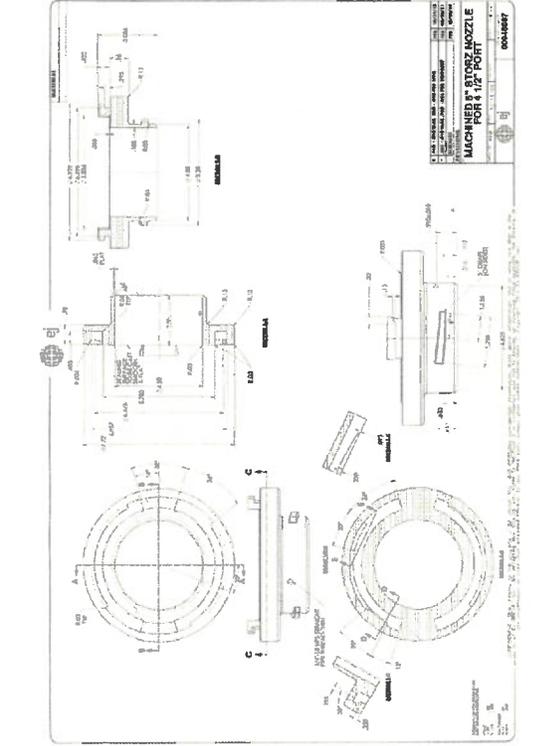
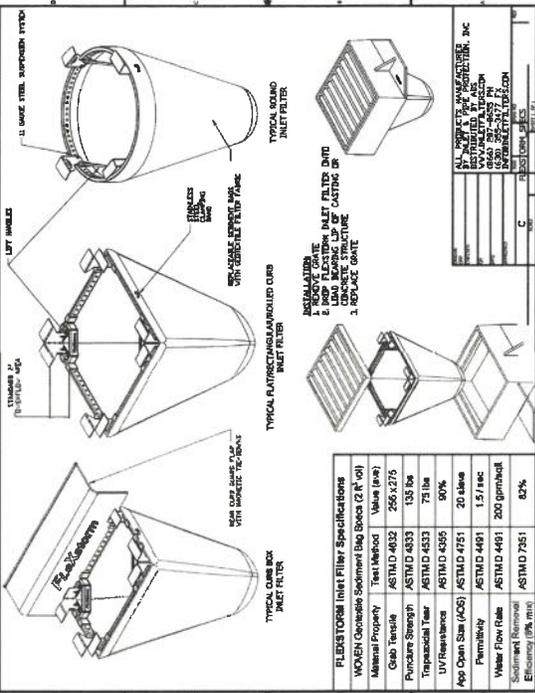
DESIGNER	SM
CHECKER	JFA
SCALE	HORIZ. 10'
VERT. 5'	
DATE	1/9/2025
PROJECT	ORLAND PARK
MODEL	220310
DATE	9/3/2025
BY	SM

ORLAND PARK
 CLIENT

CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 800
 Rosemont, Illinois 60018
 (847) 823-0500



DATE	9/3/2025
BY	SM
CHECKED	JFA
SCALE	HORIZ. 10'
VERT. 5'	
PROJECT	ORLAND PARK
MODEL	220310
DATE	1/9/2025
BY	SM



CATALINA SUBDIVISION

2025 WATERMAIN IMPROVEMENTS

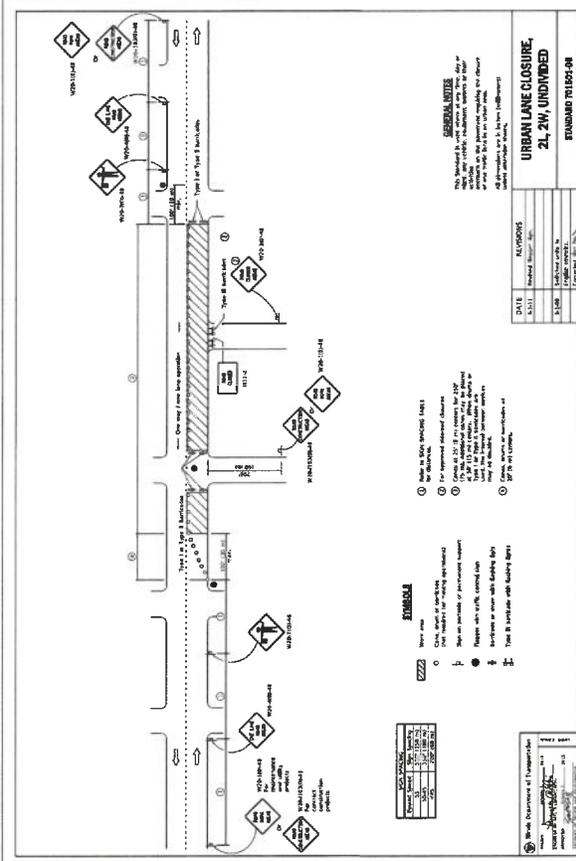
CONSTRUCTION DETAILS

PROJ. NO. 202310
DATE: 1/9/2025
SHEET 73 OF 86
DRAWING NO. DET01

NO.	DATE	AUTHOR	REVISION	BY	DESCRIPTION
1					

ORLAND PARK

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 800
Rosemont, Illinois 60018
(847) 823-0900



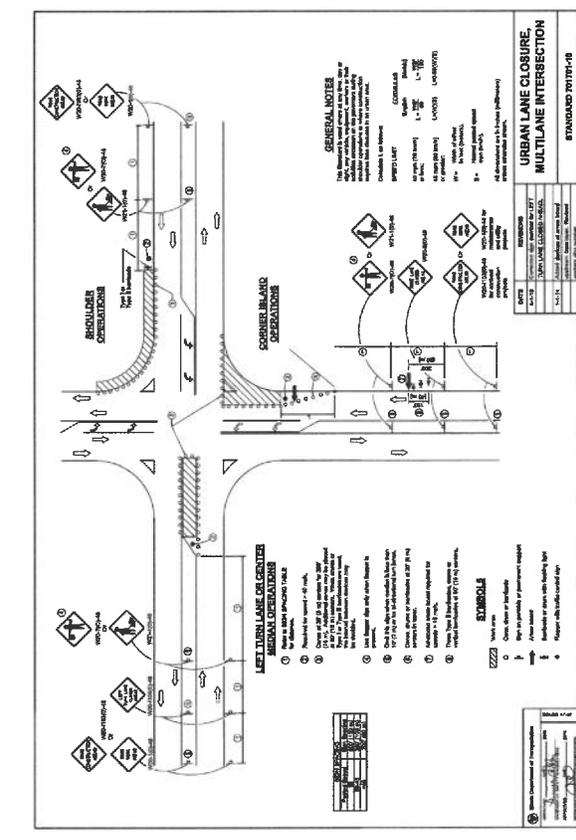
URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
STANDARD T1512-04

SYMBOLS

GENERAL NOTES

REVISIONS

DATE	DESCRIPTION
5/21	Project Start
5/28	Issue for Construction
6/15	Final Issue



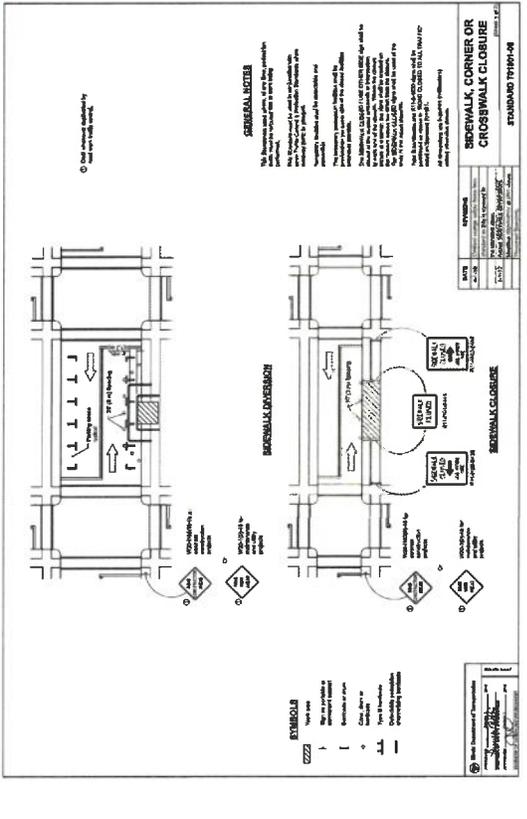
URBAN LANE CLOSURE, MULTILANE INTERSECTION
STANDARD T1513-04

SYMBOLS

GENERAL NOTES

REVISIONS

DATE	DESCRIPTION
5/21	Project Start
5/28	Issue for Construction
6/15	Final Issue



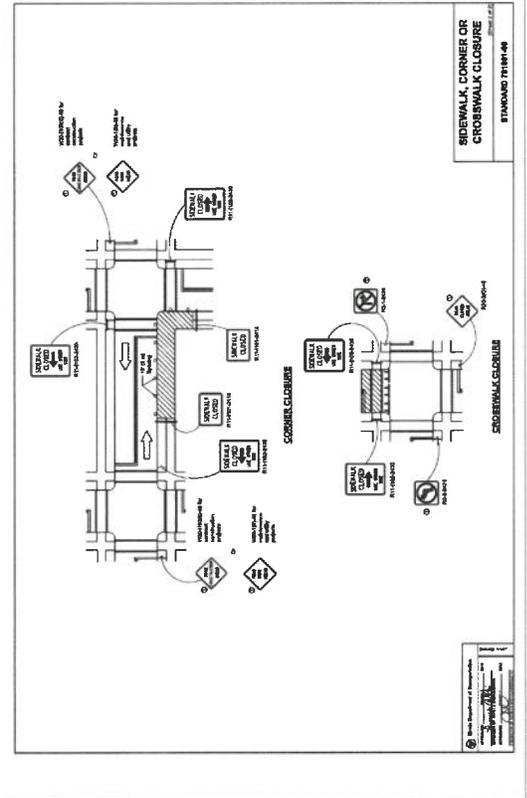
URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
STANDARD T1512-04

SYMBOLS

GENERAL NOTES

REVISIONS

DATE	DESCRIPTION
5/21	Project Start
5/28	Issue for Construction
6/15	Final Issue



URBAN LANE CLOSURE, MULTILANE INTERSECTION
STANDARD T1513-04

SYMBOLS

GENERAL NOTES

REVISIONS

DATE	DESCRIPTION
5/21	Project Start
5/28	Issue for Construction
6/15	Final Issue

CLIENT: CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 623-0500

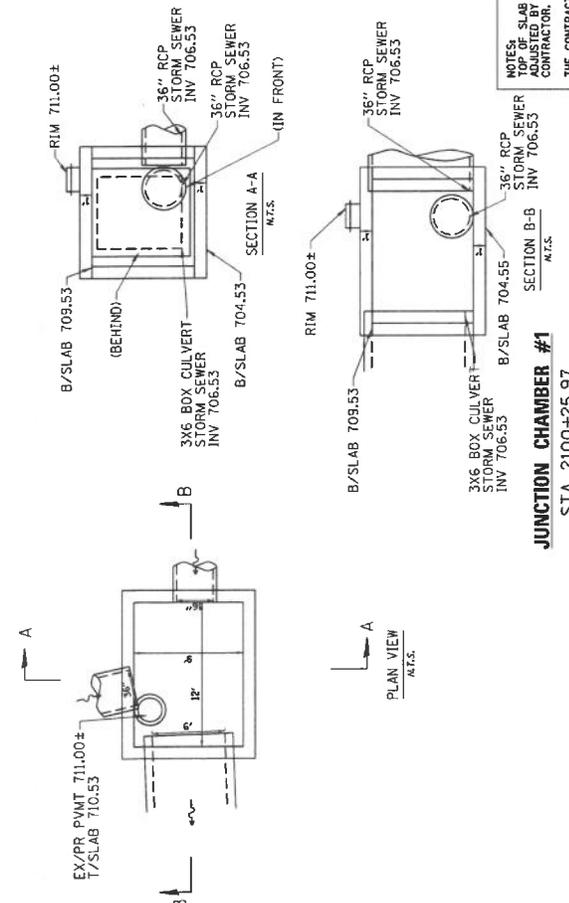
ORLAND PARK

TITLE: CATALINA SUBDIVISION
2025 WATERMAIN IMPROVEMENTS
CONSTRUCTION DETAILS

PROJ. NO. 220110
DATE 1/2/2025
SHEET NO. OF 83
DRAWING NO. DET04

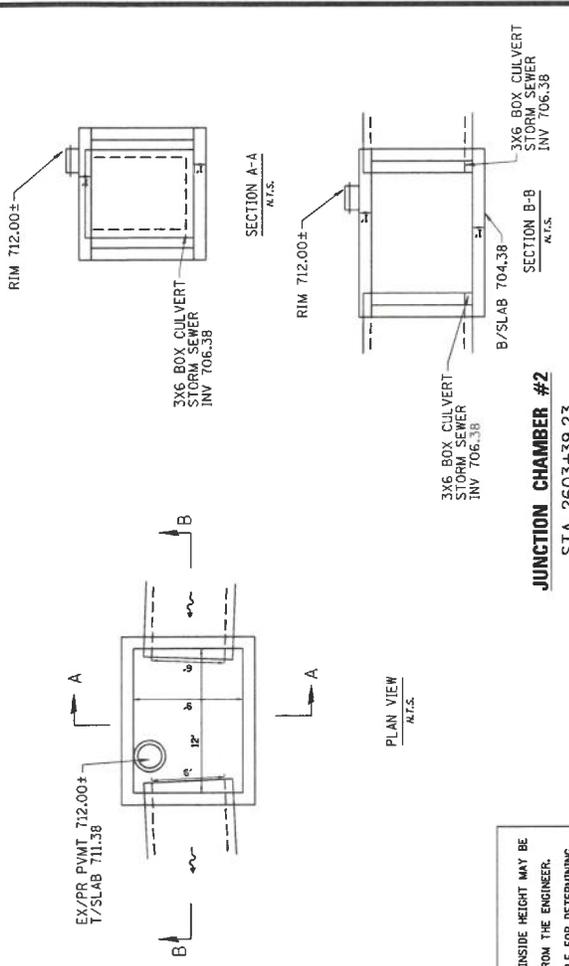
NO. DATE NATURE OF REVISION

FILE NAME: I:\URBAN\URBAN\CONSTR\DET_2025\CONSTR\DET_2025_DET04.DWG

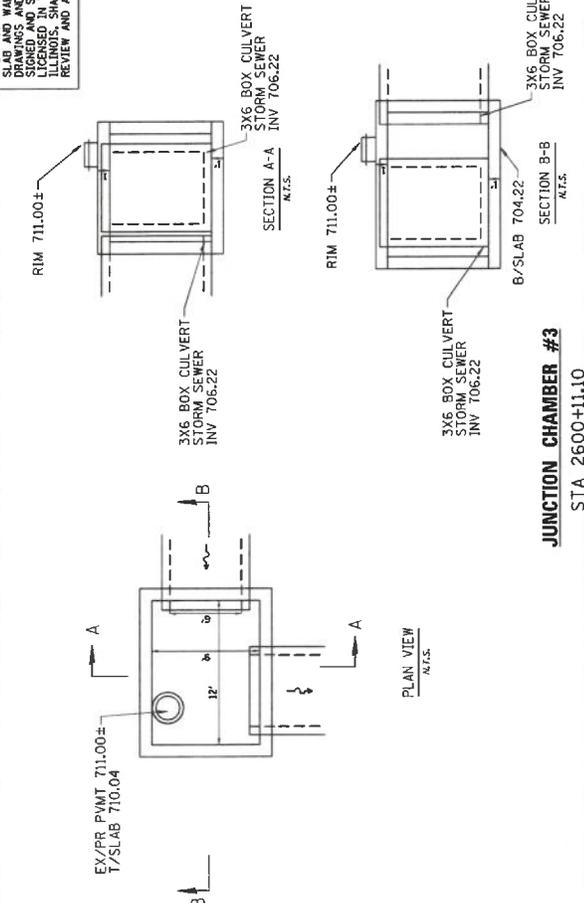


JUNCTION CHAMBER #1
STA 2100+25.97

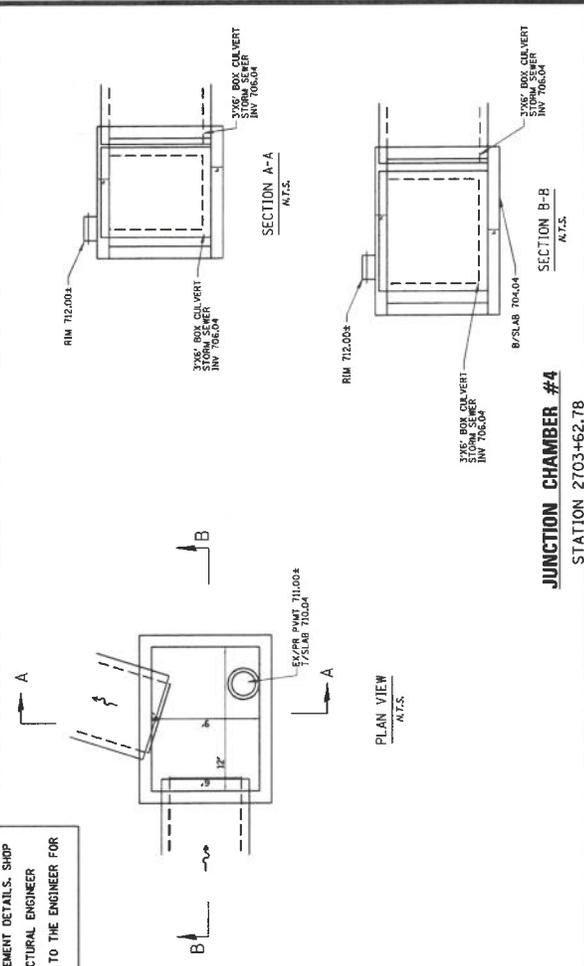
NOTES: SLAB ELEVATIONS AND INSIDE HEIGHT MAY BE ADJUSTED BY THE CONTRACTOR, WITH APPROVAL FROM THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE THICKNESSES OF ALL SLAB AND WALLS AND REINFORCEMENT DETAILS. SHOP DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER AND SEALED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF ILLINOIS. SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.



JUNCTION CHAMBER #2
STA 2603+39.23



JUNCTION CHAMBER #3
STA 2600+11.10



JUNCTION CHAMBER #4
STA 2703+62.78

ORLAND PARK

CLIENT:

DET05

PROJ. NO. 220310
DATE: 1/7/2023
SHEET 83 OF 89
DRAWING NO.

CHRISTOPHER B. BURKE ENGINEERING, LTD.
8575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

TITLE:
2025 WATERMAIN IMPROVEMENTS
CONSTRUCTION DETAILS

NO.	DATE	BY	CHKD.	MODEL	DESCRIPTION

DESIGN	SCALE	NO. SCALE	DATE	DATE	DATE

SOIL EROSION CONTROL AND SEDIMENT CONTROL MEASURES

A. Soil erosion and sediment control (BESCC) measures must be constructed prior to the commencement of land disturbance. Sedimentation must be placed or installed in such a manner as to minimize erosion and sedimentation measures must consider the time of year, site conditions and the use of temporary and/or permanent measures.

B. Unless otherwise indicated, all vegetative and structural erosion and sediment control practices will be installed at minimum according to the standards and specifications in the Illinois Urban Manual, revised to latest version as amended. A copy of the approved soil erosion and sediment control (BESCC) plan must be maintained on the site at all times.

C. The erosion and sediment controls shown on the plans are the minimum requirements. Additional measures may be required as directed by the Village, or their authorized representative. All additional measures must be in place within 3 days of disturbance and any emergency BESCC measures must be installed immediately.

D. The contractor must clean up grade the work areas as the project progresses, and appropriate sediment control devices to trap sediment. Payment must be cleared daily or as necessary to remove track-out material.

E. After all perimeter sediment barrier is removed, the areas damaged by the perimeter sediment barrier must be restored.

F. It shall be the responsibility of the contractor to divert all water (ground, storm, and construction) during construction in order to keep the construction areas free of water, bypass pumping, including silt bags and an energy dissipation surface for the pumps, shall not be measured and paid for separately but shall be considered incidental to the cost of water structures. It shall be the contractor's responsibility to size the pumps appropriately.

G. During de-watering/pumping operations, only uncontaminated water should be allowed to discharge to protected natural areas. Waters of the State, or to a storm sewer system (in accordance with local permits). Inlet hoses should be placed in a stabilized sump pit or lined at the surface of the water in order to limit the amount of sediment that enters the storm sewer system. Pumping operations may be discharged to a stabilized water body, or to a storm sewer system, if approved by the Village, or their authorized representative. Adequate erosion and sediment controls should be used during de-watering operations as necessary. Dewatering sediment water directly into field files, storm water structures, or "Waters of the US" is prohibited.

H. Sediment control BMPs shall be constructed at all locations where construction traffic enters or leaves the site. These locations shall be determined in the field, as needed. Graveled roads, rumble strips, access drives, parking areas of sufficient width and length, and vehicle wash down facilities if necessary, must be provided to prevent the deposit of soil from being tracked onto public or private roadways. Any soil reaching public or private roadway must be removed immediately.

I. Stock piles of soil must not be located in flood plains, stream swales (vegetated flood plains), wetlands and waters of the U.S., unless otherwise authorized by the relevant permitting authority. If a stockpile is to remain in place for more than three days, perimeter sediment barrier must be provided.

J. Contractor must install perimeter sediment barrier at any location in which sheet flow may result in sediment runoff outside the construction limits. The contractor may use other methods to control runoff, including, but not limited to, temporary diversion swales, temporary sediment traps, shingle ditches to convey water, etc.

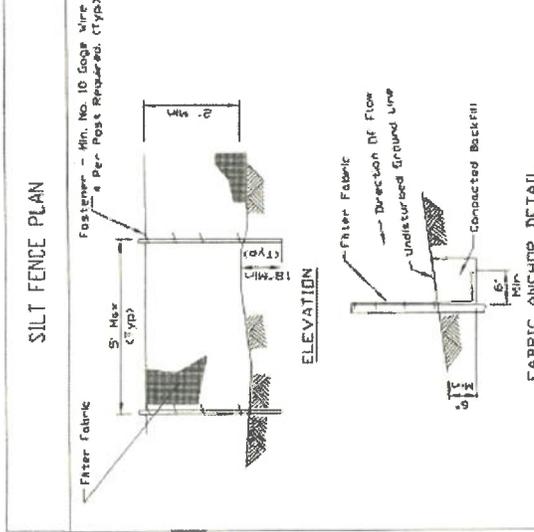
K. All proposed and existing storm sewer inlet structures (including fields located within the haul routes) must be protected with storm sewer inlet protection (i.e. silt filters) per inlet protection details in the plans.

L. Stabilization of disturbed areas must, at a minimum, be initiated immediately whenever any clearing, grading, excavating, or other earth disturbing activities have permanently ceased on any portion of the site and will not resume for a period exceeding 14 calendar days. Stabilization of disturbed areas must be initiated within 1 working day of permanent or temporary cessation of earth disturbing activities and shall be completed as soon as possible but not later than 14 days from the time that stabilization work in an area. Exceptions to these time frames are specified as follows:

- Where the initiation of stabilization measures is precluded by snow cover, stabilization measures shall be initiated as soon as practicable.
- On areas where construction activity ceased and will resume after 14 days, a temporary stabilization method can be used.

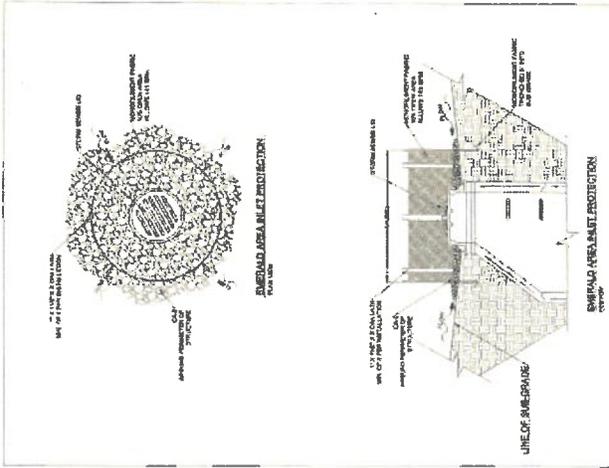
M. The Village shall provide a qualified person who will be responsible for conducting site inspections in compliance with the ILR10 NPDES Permit. After each inspection, a report should be prepared by the person who performed the inspection. The inspection report should be maintained on site as part of the Plan. Inspections should be conducted at least once every seven calendar days and within 24 hours of the end of a storm, or by the end of the following business or work day, that is 0.5 inches or greater. Areas inaccessible during inspections due to flooding or other unsafe conditions shall be inspected within 72 hours of becoming accessible.

Inspections may be reduced to once per month when construction activities have ceased due to frozen conditions (when ground and/or air temperatures are at or below 32 degrees Fahrenheit). Inspections must commence when construction activities are conducted, or if there is a 0.5" or greater rain event, or discharge due to snowmelt occurs.



NOTES:
 1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
 2. Filter fabric shall meet the requirements of material specification 599 Capatex Table 1 or 2, Class I with equivalent opening size of at least 30 per nominal end 50 per woven.
 3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq in.


 PROJECT: 0519
 DRAWING NO.: 0519
 DATE: 11-20-21
 PROJECT: IL-620
 SHEET: 1 OF 9
 DATE: 11-20-21



NOTES:
 1. The end post of the attached fence will be the end post of the first block.
 2. Posts, with posts at each end, are placed in a vertical direction to create a 1/2\"/>


 PROJECT: 0519
 DRAWING NO.: 0519
 DATE: 11-20-21
 PROJECT: IL-620
 SHEET: 4 OF 9


CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 623-0000

ORLAND PARK

CLIENT:

TITLE:

DESIGN: SUN
 DIML: SUN
 CHECK: JFA
 PROJECT DATE: 1/2/2025
 CAD USER: jmw/rlg
 CRED. MODEL: Default

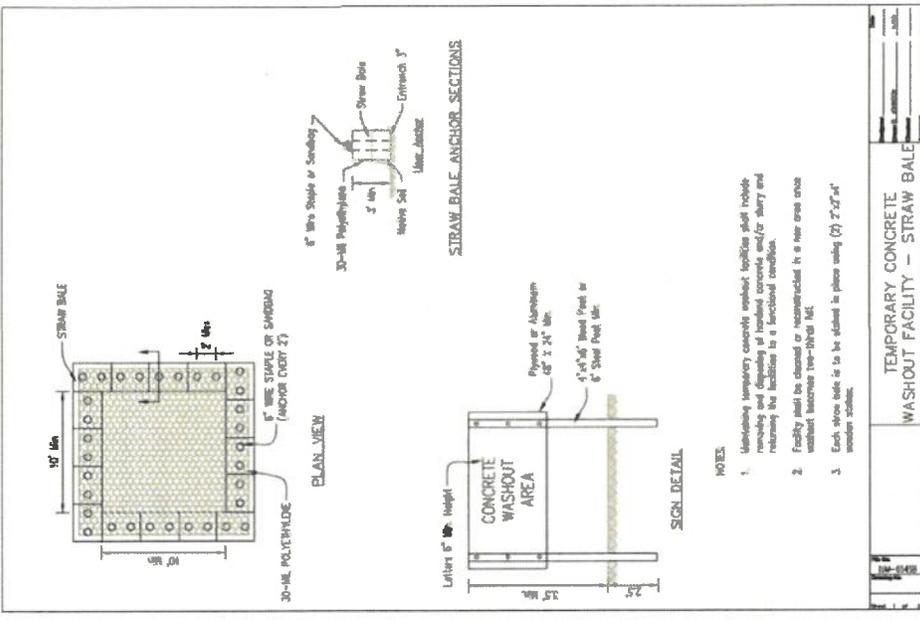
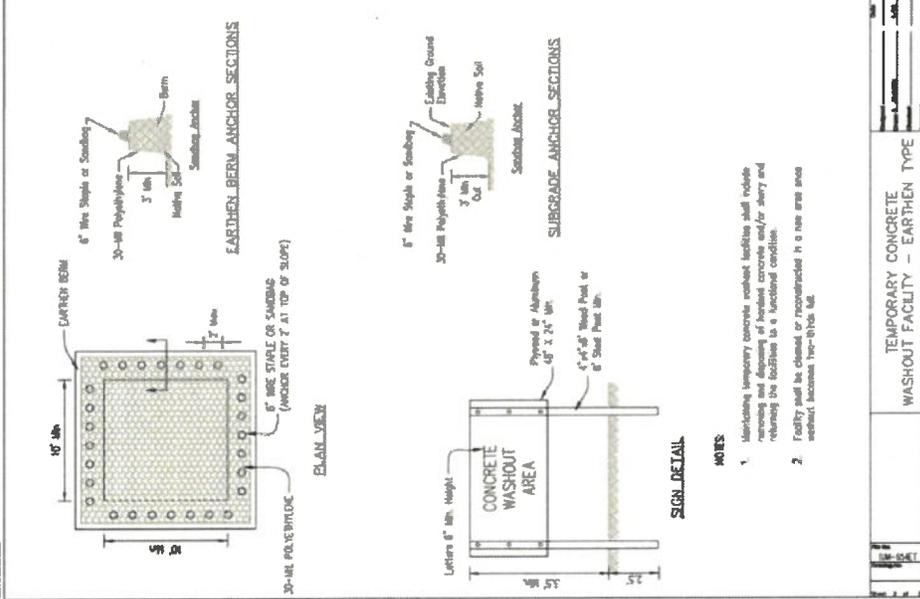
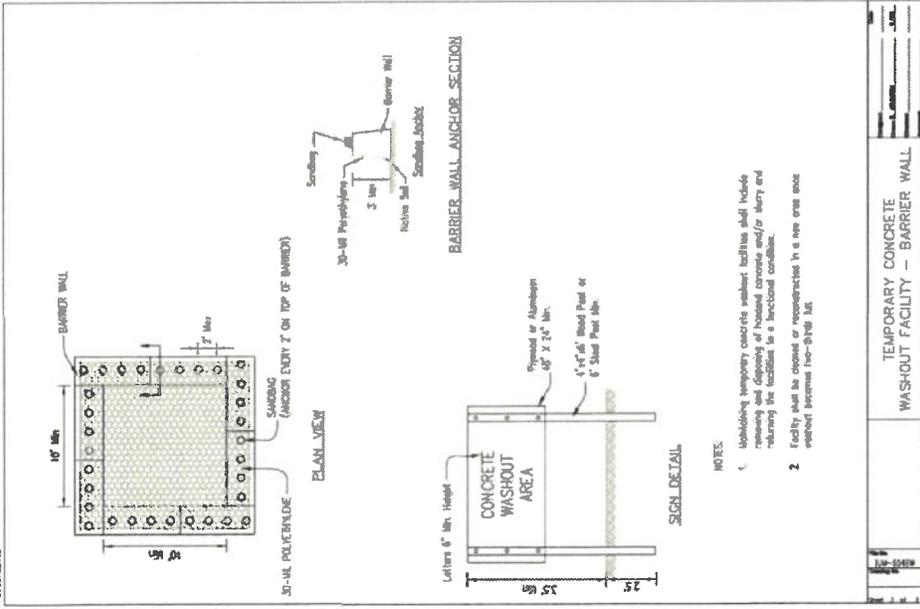
PROJECT NO.: 2025
 SHEET NO.: 0519
 DRAWING NO.:

DETAIL:

PROJECT NO.: 2025
 DATE: 1/2/2025
 SHEET NO.: 0519
 DRAWING NO.:

NATURE OF REVISION:

FILE NAME: I:\ORLANDPARK\2025\0519 - Detention Pond\DET_0519.DWG



NOTES:

1. EXACT LOCATION OF WASHOUT BASIN TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
2. CONCRETE WASHOUTS AND TEMPORARY SOIL STOCKPILES SHALL NOT BE LOCATED IN THE FLOODPLAIN, FLOODWAY, WETLAND OR BUFFER.

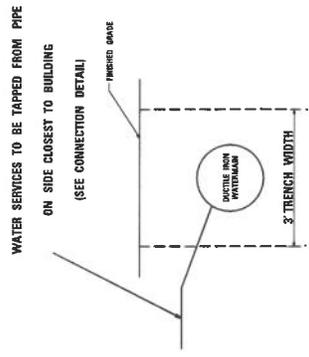
CHRISTOPHER B. BURKE ENGINEERING, LTD.
8575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(647) 822-0500

ORLAND PARK

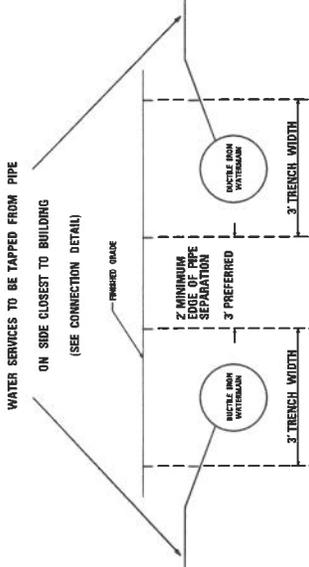
CLIENT:

DESIGN	SUN	TITLE
DRAWN	JFA	
SCALE		
PLOT DATE	1/2/2005	
CAD USER	enraving	
NO. DATE		NATURE OF REVISION
FILE NAME	IN:\ORLAND\2005\052005\052005 - Distribution Pool\DET1.PDW	CHG. MODEL

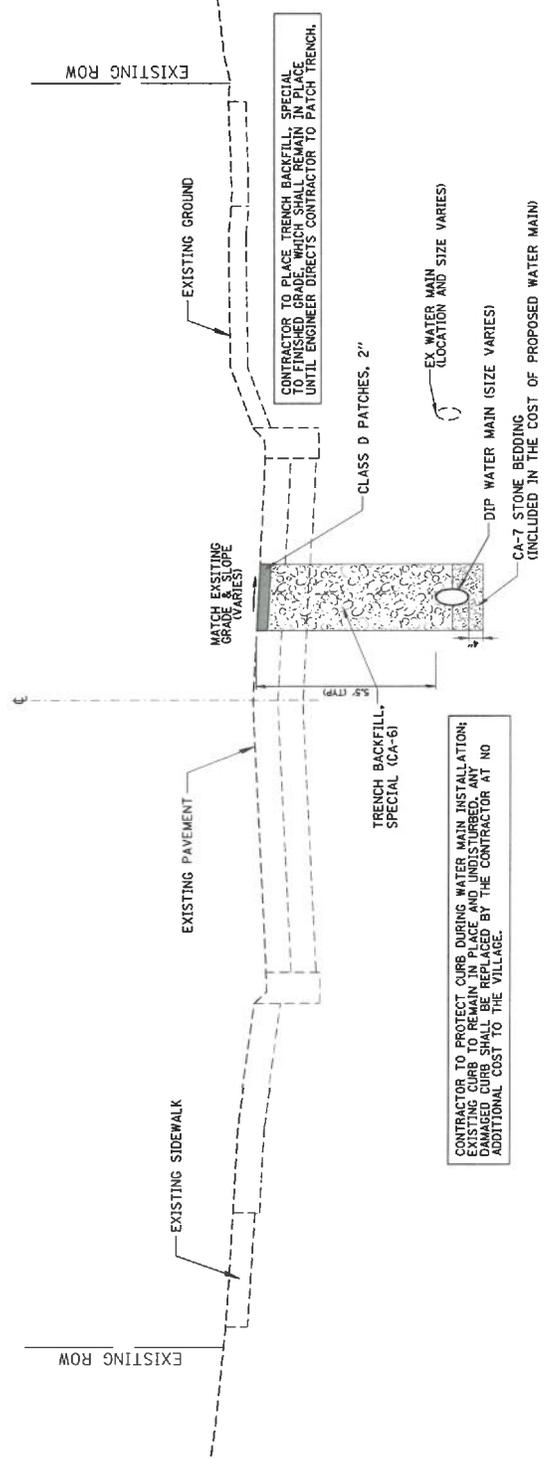
PROJ. NO.	220310
DATE	1/2/2005
SHEET	07
OF	09
DRAWING NO.	
DETAILS	



WATER MAIN TRENCH DETAIL



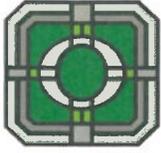
PARALLEL WATER MAIN TRENCH DETAIL



TYPICAL TRENCH BACKFILL SECTION

N.T.S.

 CHRISTOPHER B. BURKE ENGINEERING, LTD. 8575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	 ORLAND PARK	CLIENT:	TITLE:	PROJ. NO. 200310
		DATE:	SHEET NO. OF 89	DATE: 1/29/2025
CATALINA SUBDIVISION 2025 WATERMAIN IMPROVEMENTS CONSTRUCTION DETAILS		NATURE OF REVISION:	DETAILED:	DETD
NO.	DATE	FILE #/REV	DSK. MODEL	DWT/PT



VILLAGE OF ORLAND PARK

14700 S. Ravinia Avenue
Orland Park, IL 60462
www.orlandpark.org

Master

File Number: 2025-0176

File ID: 2025-0176	Type: MOTION	Status: PASSED
Version: 0	Reference:	Controlling Body: Board of Trustees
		File Created Date : 02/21/2025
Agenda Entry: RFP 25-012 Catalina Subdivision 2025 Watermain Project - Phase III of III - Award		Final Action: 03/03/2025

Title:
RFP 25-012 Catalina Subdivision 2025 Watermain Project - Phase III of III - Award

Notes:

Sponsors:

Res/Ord Date:

Attachments: RFP 25-012 - Audit Report, RFP 25-012 - Compliance Summary, Proposal - Airys, Proposal - M & J Underground, Proposal - Swallow Construction, Revised Price Sheet - Airys, Revised Price Sheet - M & J Underground, Revised Price Sheet - Swallow Construction

Res/Ord Number:

Drafter:

Hearing Date:

Department Contact:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
0	Public Works Department	02/21/2025	INTRODUCED TO BOARD	Board of Trustees			
0	Board of Trustees	03/03/2025	APPROVED				Pass

Text of Legislative File 2025-0176

..Title
RFP 25-012 Catalina Subdivision 2025 Watermain Project - Phase III of III - Award

History

The Catalina subdivision was developed in the early 1970s. With over fifty (50) years of service, the water main has corroded on the exterior of the pipe due to lack of polyvinyl wrap that is standard today. The corrosion has caused numerous water main breaks over the years and this high concentration of breaks noted on a Village GIS layer made this area a priority to replace. The water main in the subdivision is made up of both

ductile and cast iron pipe. Due to the size of the project in the Catalina subdivision, the water main and storm water improvements were broken up into three (3) phases. Storm water improvements started in 2024, and will be completed in Phase III in 2026.

Phase I of water main repairs consisted of lining the twelve-inch (12") water main that runs from 80th Avenue and down Wheeler Drive, to Elevated Tank #5 at Wheeler and Harlem Avenue. This work was completed in the spring of 2024.

Phase II consisted of water main replacement improvements for three (3) streets and eleven (11) courts. Storm main improvements included the addition of a dry detention basin that was built on the west side of Wheeler Drive. This work will be completed in early 2025.

Phase III consists of water main replacement improvements for six (6) streets and ten (10) courts. Storm main improvements, including the addition of a dry detention basin on the east side of Wheeler Drive, are also part of the scope that will be completed in 2025.

Based on available 2025 funding, RFP 25-012 Catalin Subdivision 2025 Watermain Improvements Project was advertised on BidNet Direct from January 17, 2025, to February 7, 2025. Five (5) vendors received courtesy emails, and thirty-two (32) companies downloaded the specifications. On February 7, 2024, the Village received three (3) proposals for consideration, from M&J Underground Inc., Airy's Inc., and Swallow Construction.

On February 17, 2025, the Village contacted all three (3) vendors, to clarify that their proposals included hydro-excavating for utility conflicts and tree trimming as the specs called out for those items. Staff also asked the contractors for best and final proposals to be submitted by Friday, February 21, 2025.

The following revised proposals were then received for consideration:

- Airy's Inc. of Joliet, IL - \$9,661,051.00
- M&J Underground Inc. of Monee, IL- \$9,860,681.20
- Swallow Construction of West Chicago, IL - \$13,847,740.00

Staff recommends accepting the proposal submitted by Airy's Inc. of Joliet, IL for the Catalina Water Main Phase III project in the amount of \$10,161,051.00 (\$9,661,051.00 plus \$500,000.00 contingency). Contingency was reduced from 10% to approximately 5%, and is requested for unforeseen items in the ground during construction that may require a change order.

This agenda item is being considered by the Committee of the Whole and the Village Board of Trustees on the same night.

Financial Impact

Funds for this project are available in water account 5008150-470500 and storm budget account 5008170-570500, and is under Board approved budgeted amount of a

combined \$10,200,000.00 for FY2025.

Recommended Action/Motion

I move to waive the competitive bidding process in favor of solicitation of competitive proposals;

AND

To approve and authorize the execution of an agreement between the Village of Orland Park and Airy's Inc. of Joliet, Illinois, as the lowest qualified responsive proposal received for RFP 25-012 Catalina Subdivision 2025 Watermain Improvements Project for a cost of \$9,661,051.00 plus a contingency of \$500,000.00 for a total not-to-exceed price of \$10,161,051.00;

AND

Authorize the Village Manager to sign all related contracts, subject to Village Attorney review;

AND

Authorize the Village Manager to approve change orders within the authorized amount.

MAYOR

Keith Pekau

VILLAGE CLERK

Brian L. Gaspardo

14700 S. Ravinia Avenue
Orland Park, IL 60462
(708)403-6100
orlandpark.org



**ORLAND
PARK**

FINANCE

TRUSTEES

William R. Healy
Cynthia Nelson Katsenes
Michael R. Milani
Sean Kampas
Brian J. Riordan
Joni J. Radaszewski

March 10, 2025

Stuart Jelm
Airy's, Inc.
21825 Cherry Hill Road
Joliet, IL 60433

NOTICE OF AWARD – RFP #25-012 Catalina Subdivision 2025 Watermain Project

Dear Mr. Helm,

This notification is to inform you that on March 3, 2025, the Village of Orland Park Board of Trustees approved awarding Airy's, Inc. the contract in accordance with the proposal you submitted dated February 7, 2025, for RFP #25-012 Catalina Subdivision 2025 Watermain Project for an amount not to exceed \$9,661,051, plus a contingency of \$500,000.00, for a total not to exceed amount of ten million one hundred sixty-one thousand fifty one and 00/100 (\$10,161,051.00) Dollars. The contingency may not be spent without prior written approval by the Village through a Change Order Request.

In order to begin this project, you must comply with the following within ten business days of the date of this Notice of Award, which is by March 24, 2025.

- Submit electronically a **Certificate of Insurance** which must be accompanied by **all required policy endorsements** from your insurance company in accordance with all of the Insurance Requirements for a) primary & non-contributory additional insured status, b) the General Liability subrogation waiver and c) the Workers' Compensation subrogation waiver, per the Insurance Requirements. You may contact the Village's Contractual Risk Manager, Dan Letourneau at 630-846-8862 or lrcrs2019@gmail.com.
- Original Performance and Payment Bonds dated March 3, 2025, are to be submitted to Samantha Cooper, Executive Assistant, at 15655 S. Ravinia Ave, Orland Park, IL 60462.

You will receive the contract via email from BidNet Direct ASC eSign after the Insurance Certificate and Endorsements have been approved by the Village. All documents listed above are to be submitted to Samantha Cooper, Executive Assistant, at scooper@orlandpark.org, and are required prior to the commencement of work. You will receive notification from BidNet Direct of the fully executed contract and will be issued a Notice to Proceed letter. Failure to comply with these conditions within the time specified will entitle the Village to consider your proposal abandoned and to annul this Notice of Award. If you have any questions, please do not hesitate to call me at 708-403-6357 or e-mail me at pmclaughlin@orlandpark.org.

Sincerely,

Patrick McLaughlin
Utilities Operations Manager

MAYOR

Keith Pekau

VILLAGE CLERK

Brian L. Gaspardo

14700 S. Ravinia Avenue
Orland Park, IL 60462
(708)403-6100
orlandpark.org



FINANCE

TRUSTEES

William R. Healy
Cynthia Nelson Katsenes
Michael R. Milani
Sean Kampas
Brian J. Riordan
Joni J. Radaszewski

March 24, 2025

Stuart Jelm
Airy's, Inc.
21825 Cherry Hill Road
Joliet, IL 60433

NOTICE TO PROCEED – RFP #25-012 Catalina Subdivision 2025 Watermain Project

Dear Mr. Helm,

This notification is to inform you that the Village of Orland Park has received the electronic contract, certifications, insurance documents, and bonds in order for work to commence on the above stated project.

Please contact me at 708-403-6357 to arrange the commencement of the work.

The Village has processed Contract #20250158 for this contract. It is imperative that this number be noted on all invoices, correspondence, etc. All invoices should be sent directly to the Accounts Payable Department at 14700 S. Ravinia Ave. Orland Park, IL 60462 or emailed to accountspayable@orlandpark.org. Also, your final invoice for this contract/service should state that it is the final invoice pertaining to that Contract Number.

Sincerely,

Patrick McLaughlin
Utilities Operations Manager

