



METRO

PEOPLE PLACES
OPEN SPACES

RFB 10-1619

**FABRICATION & INSTALLATION OF
AUTOMATIC SECURITY GATE
AT GRAHAM OAKS NATURE PARK**

REQUEST FOR BIDS

**FABRICATION & INSTALLATION OF AUTOMATIC SECURITY GATE
AT GRAHAM OAKS NATURE PARK**

Metro Sustainability Center
600 N.E. Grand Avenue
Portland, OR 97232-2736
(503) 797-1700

Project Manager: Rod Wojtanik, Senior Regional Planner
(503) 797-1846
rod.wojtanik@oregonmetro.gov

Request for bids (RFB)

Notice is hereby given that bids for RFB #10-1619 fabrication and installation of an automatic security gate at Graham Oaks Nature Park shall be received at Metro, 600 N.E. Grand Avenue, Portland OR 972327, until **10:00 a.m. on Wednesday March 10, 2010. It is the sole responsibility of the bidder to ensure that Metro receives the bid by the above specified date and time. All late Bids shall be rejected.** BIDDERS SHALL REVIEW ALL INSTRUCTIONS AND CONTRACT TERMS AND CONDITIONS.

Bid Provider shall be able to comply with Metro contract, and insurance requirements contained in this Request for Bid, and other federal, state, and local laws and regulations governing services purchased through the resultant contract. It is a requirement of the Bid submittal; that all Bidders have read and agree to enter into a contract using the form of agreement provided as Attachment A. **See Attachment A for a sample copy of the current contract format.**

Bids shall remain valid for a period of ninety (90) days following the deadline set for receiving Bids.

All material submitted for any portion of this solicitation shall become the property of the Metro, and will not be returned to the Bidders.

Request for bids (RFB)

The undersigned hereby certifies that Bidder:

1. Has the authority and/or responsibility to submit a Bid and to represent the organization in all phases of this Bid process.
2. The information is true and accurate to the best of their knowledge.
3. Shall furnish, in strict compliance with the Bid and Contract Documents for above Project, all labor, materials, equipment, apparatus, appliances, tools, transportation, and other facilities and services necessary to perform the work described therein, and to perform said work in strict compliance therewith, for the amounts set forth in this Bid.
4. Is a Resident Bidder, Non-Resident Bidder, as defined in ORS 279C, of the State of Oregon, and has not discriminated against any minority, women, or emerging small business enterprises in obtaining any required subcontracts, in accordance with ORS 279C.
5. ORS 279C indicates in determining the lowest responsible bidder, a public contracting agency shall, for the purpose of awarding the contract, add a percent increase on the bid of a non-resident bidder equal to the percent, if any, of the preference given to that bidder in the state in which the bidder resides.
6. "Resident bidder" means a bidder that has paid unemployment taxes or income taxes in this state during the 12 calendar months immediately preceding submission of the bid, has a business address in this state and has stated in the bid whether the bidder is a "resident bidder". (ORS 279C)
7. "Non-resident bidder" means a bidder who is not a "resident bidder" as defined above. (ORS 279C)
8. Understands any false statement may disqualify this Bid from further consideration or be cause for contract termination.
9. Has read, understands and agrees to be bound by all terms and conditions herein.
10. Understands by submitting this Bid, the undersigned certifies conformance to the applicable Federal Acts, Executive Orders and Oregon Statutes and Regulations concerning Affirmative Action toward equal employment opportunities. All information and reports required by the Federal or Oregon State Governments, having responsibility for the enforcement of such laws, shall be supplied to the Metro upon request for purposes of investigation to ascertain compliance with such acts, regulations, and orders.
11. Acknowledges Receipt of Addenda No's. _____ through _____ inclusive.

Federal tax ID numbers or Social Security numbers are required pursuant to ORS 305.385 and will be used for the administration of state, federal and local laws. Payment information will be reported to the Internal Revenue Service under the name and Federal tax ID number or, if none, the Social Security number provided below.



600 NE Grand Ave.
Portland, OR 97232-2736
(503) 797-1700

Fabrication & Installation of Automatic Security Gate

Request for bids (RFB)

I have read this Bid including all specifications, terms, conditions, requirements; I understand its content and agree to be bound by its terms. I further certify that I have the authority to sign this offer.

Business Name: _____

Business Address _____ City: _____ St _____ Zip Code _____

Name: _____ Signature: _____
(Please Print)

Phone: _____ Fax: _____ E-Mail Address: _____

Federal Tax ID# or Social Security #:

Is Contractor a nonresident alien? Yes No
Business Designation (check one): Sole Proprietorship Partnership
 Corporation-for profit Corporation-non-profit
 Other [describe here:
_____]

Bid Provider's Oregon Construction Contractor's Board Number: _____ Expiration Date: _____



600 NE Grand Ave.
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Fabrication & Installation of Automatic Security Gate

Request for bids (RFB)

SCHEDULE OF BID PRICES

The Bidder, whose legal signature binding the Bidder to the bid prices indicated on these pages is found on the signature page, hereby bids as follows:

Item No.	Description of Item	Qty	Unit	Unit Price	Total Amount
1	Fabrication and Installation of Automatic Security Gate	1	L.S.		
Total Bid Price					

(_____ **DOLLARS**)
CONTRACT PRICE (in words)

Bidder signature

Print Name of Bidder _____

Print Name of Company _____

Signature _____

Print Name and Title _____

Request for bids (RFB)

SECTION 1: OVERVIEW AND GENERAL PROVISIONS

1.0.0 INTRODUCTION

Metro's Sustainability Center hereby requests bids for fabrication and installation of an automatic security gate at the Graham Oaks Nature Park located at 11825 SW Wilsonville Rd., Wilsonville, Oregon.

1.1.0 PROJECT TIME LINE

Bids are due no later than 10:00 p.m., Wednesday, March 10, 2010, at Metro Regional Center, 600 NE Grand Avenue, Portland, OR 97232, Attention: Rod Wojtanik, RFB 10-1619.

1.2.0 BID FORMAT

Bids shall be typewritten or prepared in ink and submitted on this Bid document. The Bid document must be returned by the Bidder in its entirety by the deadline specified.

1.3.0 BID REQUIREMENTS

The Bidder's Signature Page must be completed and signed. Bids must be signed by a person authorized to sign for Bidder. If a Bid is signed by an agent of the Bidder, a Power of Attorney showing the authority of the agent to sign must be submitted with the Bid or the Bid will be rejected.

1.4.0 PREVAILING WAGES (NOTE: Not Applicable for projects less than \$50,000)

The Contractor, and all subcontractors and suppliers, shall be required to comply with ORS 279C.800 through 279C.870 and ensure that all workers are paid not less than, and in accordance with, the Prevailing Wages published by the Oregon Bureau of Labor and Industries. This project is covered by appropriate Bureau of Labor and Industries (BOLI) prevailing wage rates available at <http://www.boli.state.or.us> or by calling the State of Oregon Bureau of Labor and Industries at (971) 673-0839. If the project is subject to Davis-Bacon Act (40U.S.C. 276A), Contractor and all sub-contractors shall pay the higher rate of state or federal prevailing wages.

1.5.0 PERFORMANCE AND PAYMENT SECURITY/INSURANCE (NOTE: Performance and Payment Bonds are not required for this project).

This Bid requires a separate Performance and Payment Security: X NO YES, Bidder shall execute and deliver to Metro separate performance and payment bonds in a sum equal to (100%) of the contract price for all public improvement projects with a Bid amount greater than \$25,000, on the provided Metro standard bonding instruments. Metro will accept only a performance and payment bond furnished by a surety company authorized to do business in Oregon unless otherwise specified in the solicitation document or this contract, and shall be provided within five (5) business days of the Metro's written notice of intent to award. Contractor shall also provide the Insurance Certificates required by the attached sample contract, within five (5) business days of the Metro's written notice of intent to award.

Failure to provide the required bonds or insurance within the time required may result in the award being rescinded and re-awarded to the next lowest, responsive and responsible bidder.

Request for bids (RFB)

1.6.0 Minority, Women-Owned and Emerging Small Business Program

In the event that any subcontracts are to be utilized in the performance of this agreement, the Bidder's attention is directed to Metro Code provision 2.04.100, which encourages the use of minority, women and emerging small businesses (MWESB) to the maximum extent practical. Copies of these MWESB requirements are available from the Metro Procurement Office, 600 NE Grand Avenue, Portland, OR 97232 or call (503) 797-1816.

1.7.0 PRICE TO INCLUDE TOTAL COST FOR PROVIDING SERVICE

Bid prices are to be complete and include all costs whether material, labor or other, to complete the required work in accordance with the specifications and contract terms and conditions.

1.8.0 BID SHALL CONFORM TO SPECIFICATIONS

If this Bid includes goods or material, as well as services, the manufacturers' names, trade names, make, model or catalog numbers used in the Specifications, are for the purpose of describing and establishing general quality levels. Such references are not intended to be restrictive. Bids for equivalent items will be considered provided that such items are identified by manufacturer name, trade name, make, model and catalog number.

1.9.0 REJECTION OF BIDS

Metro reserves the right to:

- Waive technical defects, discrepancies and minor irregularities.
- Award any alternatives set forth in the bid documents in its sole discretion.
- Reject bids if there is any alteration of the bid form, additions not called for, conditional bids, incomplete bids, or irregularities of any kind.
- Reject any Bid not in compliance with the Bid documents, or all prescribed public bidding procedures and requirements.
- Reject all Bids or to cancel award of the contract(s) at any time before execution of the contract by both parties if rejection of all Bids or cancellation of the award is deemed to be in the Metro's best interest. In no event shall the Metro have any liability for the cancellation of award. The Bidder assumes the sole risk and responsibility for all expenses connected with the preparation of its Bid and contract negotiations.

1.10.0 METHOD OF AWARD

Basis of Award: The award shall be made to the responsible Bidder submitting the lowest responsive bid. Any determination of Bidder's responsibility or responsiveness are subject to review and determination by the Office of Metro Attorney as to legal sufficiency. Metro reserves the right to accept or reject any and all bids in whole or in part, and to waive any irregularities in the best interest of Metro.

Notice of Award: Within twenty (20) calendar days after the opening of Bids, Metro will accept one of the Bids, or combination of Bids, or reject all Bids in accordance with the Basis of Award. The acceptance of the Bid will be by written Notice of Award, mailed or delivered to the office designated in the Bid. The Notice of Award shall not entitle the party to whom it is delivered to any rights whatsoever.

Request for bids (RFB)

Appeal of Contract Award: Aggrieved bidders who wish to appeal the award of this contract must do so in writing within seven (7) days of issuance of the notice of intent to award by Metro. Appeals must be submitted to Darin Matthews, Procurement Officer, 600 NE Grand Avenue, Portland, Oregon 97232 and must state the specific deviation of rule or statute in the contract award. Metro will issue a written response to the appeal in a timely manner.

1.11.0 ERRORS AND OMISSIONS

The items purchased by Metro shall conform to the specifications attached hereto as a part of the Request for Bid. The Bid Provider must include if requested any required descriptive literature and warranty of the item(s) being quoted.

In case of conflict between the Specifications and the General Provisions the Specifications shall take precedence over and will be used in lieu of such conflicting portions of the general provisions.

The apparent silence of the general provisions and specifications as to any detail or the apparent omission from it of a detailed description concerning any point shall be regarded as meaning that only best commercial practice is to prevail and that only material and workmanship of first quality are to be used.

1.12.0 COLLUSION

A Bid Provider submitting a Bid hereby certifies that no officer, agent or employee of Metro has a pecuniary interest in this Bid; that the Bid is made in good faith without fraud, collusion or connection of any kind with any other Bidder and that the Bidder is competing solely in its own behalf without connection with, or obligation to, any undisclosed person or firm.

1.13.0 USE OF RECYCLED MATERIALS

Contractor shall use recycled and recyclable products to the maximum extent economically feasible during the performance of the Contract.

1.14.0 PREFERENCE FOR RECYCLED MATERIALS

As required by Law, Metro shall prefer materials or supplies manufactured from recycled materials if the recycled product is available, and it meets the requirements set forth in the Specifications.

1.15.0 SUSTAINABLE PRACTICES AND PRODUCTS

Metro supports and encourages the use of sustainable products by the Contractor. To contribute to a clean environment for present and future generations, Contractor shall utilize sustainable products to the maximum extent feasible during the performance of this Contract. Products and practices utilized by the Contractor shall be based upon long-term environmental impact, social costs, and operational costs.

Request for bids (RFB)

SECTION 2: DETAILED SCOPE OF WORK AND SUPPLEMENTAL INFORMATION

2.1. Background

Metro is requesting bids for purchase, fabrication and installation of an automatic security gate that can be controlled for timed opening and closing at Graham Oaks Nature Park. The primary function of the gate is to secure the Graham Oaks Park facilities from unauthorized visitors. It is intended to limit vehicular access to the parking lot after hours and discourage vandalism. Graham Oaks Nature Park is located at 11825 SW Wilsonville Rd., Wilsonville, Oregon.

2.2. Scope of Work:

The contract contemplated consists of providing all equipment and labor required for fabrication of the automatic security gate, installation of the controller unit, activator, gate motor etc. The security gate shall be a reliable commercial swing gate. It shall be installed at the Wilsonville Road entrance and trailhead for the park. The security gate shall adhere to the attached drawings, plans and specifications. The Bidder shall provide all necessary wiring specifications, layouts, and materials required for complete, thorough and successful operation. The term of the contract is anticipated to be March 15, 2010 through July 15, 2010.

It is the responsibility of the bidder to contact Metro's project manager, Rod Wojtanik at 503-797-1846 (office) with any additional questions by Friday March 5, 2010. Answers to all questions will be posted as addenda on Metro's website.

2.3. Plans, Specifications, and Site of Work

It is understood that the Bidder, before submitting a Bid, has made a careful examination of the plans, specifications, and contract; that it has fully informed itself as to the quality and quantity of materials and the character of the work required; and that it has made a careful examination of the location and condition of the work and the sources of supply for materials. The sample contract is attached as Attachment A. Drawings are attached as Attachment B.

Contractor shall provide & install:

- (2) 8" x 8" x 11'4" – ¼" wall Iron Support Posts (See attached drawings)
- (1) 28' – 8" x 3' 6" Double Swing Gate as outlined on attached drawings
- (4) Heavy Duty Power hinges with 3,000 lb. load Capacity
- (2) Elite High Cycle Swing Gate Openers, model CSW-200 ½ HP, UL 325 115 Volt Dual Gearbox Driven, Manual Release for power failure or equivalent. ERD sensor & clutch for UL 325 compliance.
- (2) Battery backups to open gate when power fails.

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- (2) Concrete mounting pads for opener mounting per manufacturer installation manual.
- (1) 16' x 4' free exit loop in driveway pavement – allows all vehicles to exit with ODOT rated orange loop wire.
- (3) 16' x 4' Vehicle presence loops in driveway pavement – Keeps gate from closing if vehicle is present (two safeties, one shadow) with ODOT rated orange loop wire.
- (3) DSP -40S Loop Detectors
- (1) Fire Access Box that allows emergency vehicles access.
- (1) Knox 3502 key switch.
- (1) Gooseneck Mounting Pedestal Fabricated from 3x3 tube black powder coated (4-5 mil) finish – set on concrete pad. Owner will field locate.
- (1) Sentex Mini-Key 500 keypad with nightlight and multiple user code capacity.
- (1) Grasslin Digital seven day timer that is programmable to hold gate open and close the gate during set times.
- (1) Infrared photo cell non-contact sensor model IR-55 with heater, mounted at 21" on center from grade.
- (1) Tomar strobe sensor – allows all emergency vehicles with strobes to access gates, mounted on top of gate post.
- (1) Hoffman 20" x 16" x 6' enclosure with hinged cover NEMA 3R; to house timer supply to be located in mechanical room of the restroom building.
- Provide 2 sets of the O & M Manual in a 3-ring binder.
- Include minimum one year labor warranty on gate and five (5) year labor warranty on the Elite Opener motor.

Automatic security gate shall be black, powder coated (2 coat process resulting in 5-7 mils), including all necessary parts, materials and hinges necessary for proper installation. The Contractor shall secure and deliver all products to the site. Metro will provide trenching and conduit from the restroom building (mechanical room) to gate controller location. Metro shall auger the footing holes.



Standard Public Contract

For Public Contracts Under \$50,000

CONTRACT NO. _____

PUBLIC CONTRACT

THIS Contract is entered into between Metro, a metropolitan service district organized under the laws of the State of Oregon and the Metro Charter, whose address is 600 NE Grand Avenue, Portland, Oregon 97232-2736, and _____, whose address is _____, hereinafter referred to as the "CONTRACTOR."

THE PARTIES AGREE AS FOLLOWS:

ARTICLE I SCOPE OF WORK

CONTRACTOR shall perform the work and/or deliver to METRO the goods described in the Scope of Work attached hereto as Attachment A. All services and goods shall be of good quality and, otherwise, in accordance with the Scope of Work.

ARTICLE II TERM OF CONTRACT

The term of this Contract shall be for the period commencing _____, 20__ through and including _____, 20__.

ARTICLE III CONTRACT SUM AND TERMS OF PAYMENT

METRO shall compensate the CONTRACTOR for work performed and/or goods supplied as described in the Scope of Work. METRO shall not be responsible for payment of any materials, expenses or costs other than those which are specifically included in the Scope of Work.

ARTICLE IV LIABILITY AND INDEMNITY

CONTRACTOR is an independent contractor and assumes full responsibility for the content of its work and performance of CONTRACTOR'S labor, and assumes full responsibility for all liability for bodily injury or physical damage to person or property arising out of or related to this Contract, and shall indemnify, defend and hold harmless METRO, its agents and employees, from any and all claims, demands, damages, actions, losses, and expenses, including attorney's fees, arising out of or in any way connected with its performance of this Contract. CONTRACTOR is solely responsible for paying CONTRACTOR'S subcontractors and nothing contained herein shall create or be construed to create any contractual relationship between any subcontractor(s) and METRO.



Standard Public Contract

ARTICLE V TERMINATION

METRO may terminate this Contract upon giving CONTRACTOR seven (7) days written notice. In the event of termination, CONTRACTOR shall be entitled to payment for work performed to the date of termination. METRO shall not be liable for indirect, consequential damages or any other damages. Termination by METRO will not waive any claim or remedies it may have against CONTRACTOR.

ARTICLE VI INSURANCE & BONDS

CONTRACTOR shall purchase and maintain at CONTRACTOR'S expense, the following types of insurance covering the CONTRACTOR, its employees and agents.

A. Broad form comprehensive general liability insurance covering personal injury, property damage, and bodily injury with automatic coverage for premises and operation and product liability shall be a minimum of \$1,000,000 per occurrence. The policy must be endorsed with contractual liability coverage. **Metro, its elected officials, departments, employees and agents shall be named as an ADDITIONAL INSURED.**

B. Automobile bodily injury and property damage liability insurance. Insurance coverage shall be a minimum of \$1,000,000 per occurrence. **METRO, its elected officials, departments, employees, and agents shall be named as an ADDITIONAL INSURED.** Notice of any material change or policy cancellation shall be provided to METRO thirty (30) days prior to the change.

This insurance as well as all workers' compensation coverage for compliance with ORS 656.017 must cover CONTRACTOR'S operations under this Contract, whether such operations be by CONTRACTOR or by any subcontractor or anyone directly or indirectly employed by either of them.

CONTRACTOR shall provide METRO with a certificate of insurance complying with this article and naming METRO as an additional insured within fifteen (15) days of execution of this Contract or twenty-four (24) hours before services under this Contract commence, whichever date is earlier.

CONTRACTOR shall not be required to provide the liability insurance described in this Article only if an express exclusion relieving CONTRACTOR of this requirement is contained in the Scope of Work

In addition, for public works subject to ORS 279C.800 to 279C.870, CONTRACTOR and every subcontractor shall have a public works bond required by 2005 Oregon Laws Chapter 360 filed with the Construction Contractors Board before starting work on the project, unless exempt under Section 2 of 2005 Oregon Laws Chapter 360.

ARTICLE VII PUBLIC CONTRACTS

All applicable provisions of ORS chapters 187 and 279A, 279B, and 279C and all other terms and conditions necessary to be inserted into public contracts in the State of Oregon, are hereby incorporated as if such provision were a part of this Agreement. Specifically, it is a condition of this contract that Contractor and all employers working under this Agreement are subject employers that will comply with ORS 656.017 as required by 1989 Oregon Laws, Chapter 684.

For public work subject to ORS 279C.800 to 279C.870, the Contractor shall pay prevailing wages. If such public work is subject both to ORS 279C.800 to 279C.870 and to 40 U.S.C. 276a, the Contractor and every subcontractor on such public work shall pay at least the higher prevailing wage. The Contractor and each subcontractor shall pay workers not less than the specified minimum hourly rate of wage in accordance with Section 7 of 2005 Oregon Laws Chapter 360. In addition, the Contractor shall pay an administrative fee as provided in ORS 279C.825(1) to the Bureau of Labor and



Standard Public Contract

Industries pursuant to the administrative rules established by the Commissioner of Labor and Industries. Contractors must promptly pay, as due, all persons supplying to such contractor labor or material used in this contract. If the contractor or first-tier subcontractor fails, neglects, or refuses to make payment to a person furnishing labor or materials in connection with the public contract for a public improvement within 30 days after receipt of payment from the public contracting agency or a contractor, the contractor or first-tier subcontractor shall owe the person the amount due plus shall pay interest in accordance with ORS 279C.515. If the contractor or first-tier subcontractor fails, neglects, or refuses to make payment, to a person furnishing labor or materials in connection with the public contract, the person may file a complaint with the Construction Contractors Board, unless payment is subject to a good faith dispute as defined in ORS 279C.580. Contractor must pay any and all contributions and amounts due to the Industrial Accident Fund from contractor or subcontractor and incurred in the performance of the contract. No liens or claims are permitted to be filed against Metro on account of any labor or material furnished. Contractors are required to pay the Department of Revenue all sums withheld from employees pursuant to ORS 316.167.

For public improvement work all contractors must demonstrate that an employee drug-testing program is in place.

ARTICLE VIII ATTORNEY'S FEES

In the event of any litigation concerning this Contract, the prevailing party shall be entitled to reasonable attorney's fees and court costs, including fees and costs on appeal to any appellate courts.

ARTICLE IX QUALITY OF GOODS AND SERVICES

Unless otherwise specified, all materials shall be new and both workmanship and materials shall be of the highest quality. All workers and subcontractors shall be skilled in their trades. CONTRACTOR guarantees all work against defects in material or workmanship for a period of one (1) year from the date of acceptance or final payment by METRO, whichever is later. All guarantees and warranties of goods furnished to CONTRACTOR or subcontractors by any manufacturer or supplier shall be deemed to run to the benefit of METRO.

ARTICLE X OWNERSHIP OF DOCUMENTS

Unless otherwise provided herein, all documents, instruments and media of any nature produced by Contractor pursuant to this agreement are Work Products and are the property of Metro, including but not limited to: drawings, specifications, reports, scientific or theoretical modeling, electronic media, computer software created or altered specifically for the purpose of completing the Scope of Work, works of art and photographs. Unless otherwise provided herein, upon Metro request, Contractor shall promptly provide Metro with an electronic version of all Work Products that have been produced or recorded in electronic media. Metro and Contractor agree that all work Products are works made for hire and Contractor hereby conveys, transfers, and grants to Metro all rights of reproduction and the copyright to all such Work Products.

ARTICLE XI SUBCONTRACTORS

CONTRACTOR shall contact METRO prior to negotiating any subcontracts and CONTRACTOR shall obtain approval from METRO before entering into any subcontracts for the performance of any of the services and/or supply of any of the goods covered by this Contract.



METRO

600 NE Grand Ave.
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(503) 797-1700

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METRO reserves the right to reasonably reject any subcontractor or supplier and no increase in the CONTRACTOR'S compensation shall result thereby. All subcontracts related to this Contract shall include the terms and conditions of this agreement. CONTRACTOR shall be fully responsible for all of its subcontractors as provided in Article IV.

ARTICLE XII RIGHT TO WITHHOLD PAYMENTS

METRO shall have the right to withhold from payments due CONTRACTOR such sums as necessary, in METRO's sole opinion, to protect METRO against any loss, damage or claim which may result from CONTRACTOR'S performance or failure to perform under this agreement or the failure of CONTRACTOR to make proper payment to any suppliers or subcontractors. In addition for public improvement work, if a CONTRACTOR is required to file certified statements under ORS 279C.845, METRO shall retain 25 percent of any amount earned by the CONTRACTOR on the public works until the contractor has filed all required certified statements with METRO.

If a liquidated damages provision is contained in the Scope of Work and if CONTRACTOR has, in METRO's opinion, violated that provision, METRO shall have the right to withhold from payments due CONTRACTOR such sums as shall satisfy that provision. All sums withheld by METRO under this Article shall become the property of METRO and CONTRACTOR shall have no right to such sums to the extent that CONTRACTOR has breached this Contract.

ARTICLE XIII SAFETY

If services of any nature are to be performed pursuant to this agreement, CONTRACTOR shall take all necessary precautions for the safety of employees and others in the vicinity of the services being performed and shall comply with all applicable provisions of federal, state and local safety laws and building codes, including the acquisition of any required permits.

ARTICLE XIV INTEGRATION OF CONTRACT DOCUMENTS

All of the provisions of any procurement documents including, but not limited to, the Advertisement for Bids, Proposals or responses, General and Special Instructions to Bidders, Proposal, Scope of Work, and Specifications which were utilized in conjunction with the bidding of this Contract are hereby expressly incorporated by reference. Otherwise, this Contract represents the entire and integrated agreement between METRO and CONTRACTOR and supersedes all prior negotiations, representations or agreements, either written or oral. This Contract may be amended only by written instrument signed by both METRO and CONTRACTOR. The law of the state of Oregon shall govern the construction and interpretation of this Contract.

ARTICLE XV COMPLIANCE

CONTRACTOR shall comply with federal, state, and local laws, statutes, and ordinances relative to the execution of the work. This requirement includes, but is not limited to, non-discrimination, safety and health, environmental protection, waste reduction and recycling, fire protection, permits, fees and similar subjects.



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ARTICLE XVI INTERGOVERNMENTAL COOPERATIVE AGREEMENT

(Requires competitive solicitation) – Pursuant to ORS 279A and the Metro public contract code, Metro participates in an Intergovernmental Cooperative Purchasing program by which other public agencies shall have the ability to purchase the goods and services under the terms and conditions of this awarded contract. Any such purchases shall be between the Contractor and the participating public agency and shall not impact the Contractor's obligation to Metro under this agreement. Any estimated purchase volumes listed herein do not include volumes for other public agencies, and Metro makes no guarantee as to their participation in any purchase. Any bidder may decline to extend the prices and terms of this solicitation to any or all other public agencies upon execution of this contract. Unless the bidder specifically declines to participate in the program by marking the box below, the bidder agrees to participate in the Intergovernmental Cooperative Purchasing program. **Bidder declines to participate in Intergovernmental Cooperative Purchasing.**

ARTICLE XVII ASSIGNMENT

CONTRACTOR shall not assign any rights or obligations under or arising from this Contract without prior written consent from METRO.

 CONTRACTOR NAME

METRO

By _____

By _____

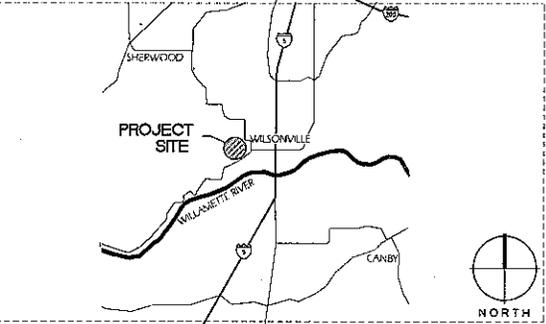
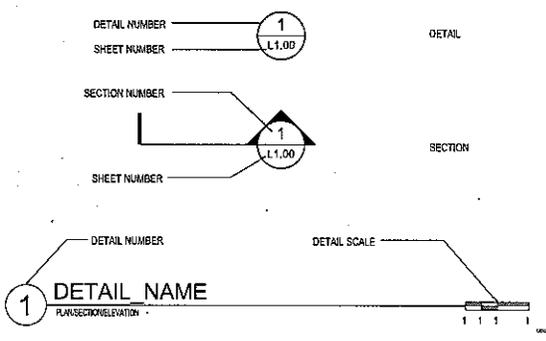
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Date _____

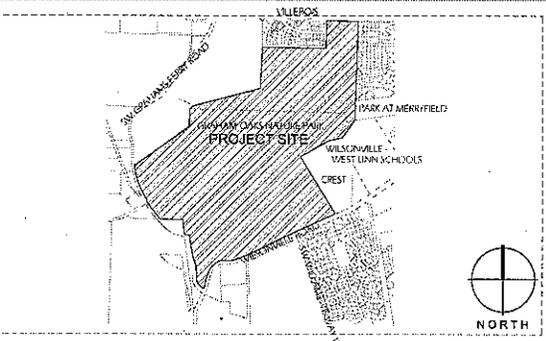
ABBREVIATIONS

- APPROX. = APPROXIMATE
- ABBEV. = ABBREVIATED
- A.C. = ASPHALT CONCRETE
- B&B = BALLED AND BURLAP
- BF = BOTTOM OF FOUNTAIN
- BL = BACKLASS BENCH
- BO = BY OWNER
- BR = BOTTOM OF RAMP
- BS = BOTTOM OF STAIR
- BN = BOTTOM OF WALL (ELEV. AT FINISH GRADE)
- B.O.W. = BOTTOM OF WALL (ELEV. BELOW FINISH GRADE)
- CAL. = CALIPER
- CONT. = CONTINUOUS
- COV. = CITY OF WILSONVILLE
- C.P. = CENTER POINT
- C.T. = CURRENT TRANSFORMER
- DOM = DOMESTIC WATER LINE
- (E) = EXISTING
- EA = EACH
- E.J. = EXPANSION JOINT
- E.L.C. = EXTERIOR LIGHTING CONTROL
- ELEV. = ELEVATION
- EOP = EDGE OF PAVEMENT
- FG = FINISH GRADE
- F.L. = FLOWLINE
- FS = FINISH SURFACE
- GAL. = GALLON
- GR = GROUND FAULT INTERRUPTER
- GRD = GROUND
- IE = INVERT ELEVATION
- LF = LINEAR FEET
- MIN. = MINIMUM
- MAX. = MAXIMUM
- N.L.C. = NOT IN CONTRACT
- O.H. = OVER HEAD
- O.C. = ON CENTER
- O.D. = OUTSIDE DIAMETER
- P.A. = PLANTING AREA
- PERF. = PERFORATED
- P.P. = POWER POLE
- PVC = POLYVINYL CHLORIDE PIPE
- REQ. = REQUIRED
- R. = RADUS
- RE = RIM ELEVATION
- R.O.W. = RIGHT OF WAY
- SAN. = SANITARY
- SEC. = SECONDARY
- SST. = STAINLESS STEEL
- STA. = STATION
- TC = TOP OF CURB
- TD = TRENCH DRAIN
- TEL. = TELEPHONE
- TG = TOP OF GRATE
- TR = TOP OF RAMP
- TS = TOP OF STAIR
- TYP. = TYPICAL
- TW = TOP OF WALL
- U.G. = UNDERGROUND
- U.O.N. = UNLESS OTHERWISE NOTED
- VR = VANDAL RESISTANT
- WM = WATER METER
- WP = WATER PROOF
- WO = WATER QUALITY

SYMBOL LIST



AREA MAP NOT TO SCALE



VICINITY MAP NOT TO SCALE

DRAWING INDEX

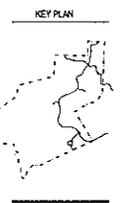
SHEET DESCRIPTION	SHEET NUMBER	SHEET DESCRIPTION	SHEET NUMBER
GENERAL & SITE		DETAILS	
1 GENERAL INFORMATION	G 1.01	32 CONSTRUCTION DETAILS: UTILITIES	CS.04
2 OVERALL SITE PLAN: SHEET LAYOUT	G1.02	33 CONSTRUCTION DETAILS: UTILITIES AND DRAINAGE	CS.05
3 ACCESS PLAN & GENERAL CIVIL NOTES	G1.01	34 CONSTRUCTION DETAILS: TRAILS AND PAVING	CS.03
4 OVERALL SITE SIGNAGE PLAN	L1.01	35 CONSTRUCTION DETAILS: TRAILS AND PAVING	CS.04
GATEWAY		36 CONSTRUCTION DETAILS: TONQUIN TRAILS CROSSING	SS.01
5 GATEWAY PLAN: SITE	G2.01	37 CONSTRUCTION DETAILS: MERRIFIELD BRIDGE	SS.02
6 GATEWAY PLAN: ENLARGED PARKING PLAN	G2.02	28 ARCHITECTURE SHEET: GENERAL NOTES; DESIGN CRITERIA & CODE SUMMARY; SITE PLAN	AS.01
7 GATEWAY PLAN: UTILITIES	G2.03	39 ARCHITECTURAL DETAILS: EXTERIOR ELEVATIONS & BUILDING SECTIONS	AS.02
8 GATEWAY ELECTRICAL SITE: DETAILS & SCHEDULE	G2.01	40 ARCHITECTURAL DETAILS: FOUNDATION PLAN & DETAILS	AS.03
9 GATEWAY PLAZA LAYOUT AND MATERIALS PLAN	G2.01	41 ARCHITECTURAL DETAILS: DOOR, WINDOW & WOOD FILLER, MULL SCHEDULES & DETAILS	AS.04
10 GATEWAY PLAZA: PAVEMENT LAYOUT	G2.02	42 ARCHITECTURAL DETAILS: ROOFING PLAN, ROOF FRAMING PLAN, ROOF CONNECTION DETAILS, ROOFING DETAILS	AS.05
11 GATEWAY PLAZA: GRADING PLAN	G2.03	43 ARCHITECTURAL DETAILS: INTERIOR ELEVATIONS, PLUMBING SCHEDULE & NOTES; PLUMBING PLAN, PLUMBING RISER	AS.06
12 GATEWAY PLAZA: PLANTING PLAN	G2.04	44 ARCHITECTURAL DETAILS: ELECTRICAL SCHEDULE & RISER; ELECTRICAL PLAN; PHOTO VOLTAGE ONE LINE DIAGRAM PLAN	AS.07
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TRAILS		47 CONSTRUCTION DETAILS: TRAILS	LS.02
15 TONQUIN TRAIL: SECTION 1	C3.01	48 CONSTRUCTION DETAILS: WETLAND OVERLOOK AND PANELS	LS.03
16 TONQUIN TRAIL: SECTION 2	C3.02	49 CONSTRUCTION DETAILS: PAVEMENT AND PAVEMENTS	LS.04
17 TONQUIN TRAIL: SECTION 3	C3.03	50 CONSTRUCTION DETAILS: SIGN AND GATE	LS.05
18 TONQUIN TRAIL: SECTION 4	C3.04	51 CONSTRUCTION DOCUMENTS: IRRIGATION	LS.06
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20 TONQUIN TRAIL: SECTION 6	C3.06	PUBLIC IMPROVEMENT	
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22 MERRIFIELD TRAILS SECTION 2	C3.08	54 OVERALL PLAN	CE.02
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PLAZAS		56 STREET PLANS	CE.04
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25 NORTH TONQUIN TRAILHEAD AND WETLAND OVERLOOK GRADING PLANS	L4.02	58 DETAILS	CE.06
26 LONE OAK PLAZA AND CONNECTION PLAZA LAYOUT AND MATERIALS PLANS	L4.03	59 DETAILS	CE.07
27 LONE OAK PLAZA AND CONNECTION PLAZA GRADING PLANS	L4.04	SEGMENT AND EROSION CONTROL	
28 CONNECTION PLAZA PLANTING PLAN	L4.05	60 EROSION AND SEDIMENT CONTROL PLAN COVER SHEET	CE.01
29 SOUTH TONQUIN TRAILHEAD AND MERRIFIELD OVERLOOK LAYOUT AND MATERIALS PLAN	L4.06	61 EROSION AND SEDIMENT CONTROL PLAN	CE.02
30 SOUTH TONQUIN TRAILHEAD AND MERRIFIELD OVERLOOK GRADING PLAN	L4.07	62 EROSION AND SEDIMENT CONTROL PLAN	CE.03
31 MERRIFIELD OVERLOOK PLANTING PLAN	L4.08	63 EROSION AND SEDIMENT CONTROL PLAN	CE.04
		64 EROSION AND SEDIMENT CONTROL PLAN	CE.05
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		66 EROSION AND SEDIMENT CONTROL PLAN	CE.07
		67 EROSION AND SEDIMENT CONTROL PLAN: DETAILS	CE.08

METRO CONTACT INFORMATION

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PROJECT TEAM

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<p>CIVIL/ STRUCTURAL ENGINEER KPF CONSULTING ENGINEERS 111 SW 5TH AVENUE, SUITE 2500 PORTLAND, OREGON 97204 PHONE: 503.542.3500 FAX: 503.274.4681 PROJECT CONTACT: PAUL DEODYO, P.E. Paul.Deodyo@kpfcl.com</p>	<p>ARCHITECT WATERLEAF ARCHITECTURE 419 SW 11TH AVENUE, SUITE 200 PORTLAND, OREGON 97205 PHONE: 503.226.7571 FAX: 503.273.8931 PROJECT CONTACT: BRAD SIMMONS BradS@waterleafarch.com</p>	<p>ELECTRICAL ENGINEER R&W ENGINEERING, INC. 915 SW ALLEN BLVD., SUITE 107 BEAVERTON, OREGON 97005 PHONE: 503.292.5000 FAX: 503.728.3206 PROJECT CONTACT: DOUGLAS D. SHAW, P.E. dshaw@rweng.com</p>



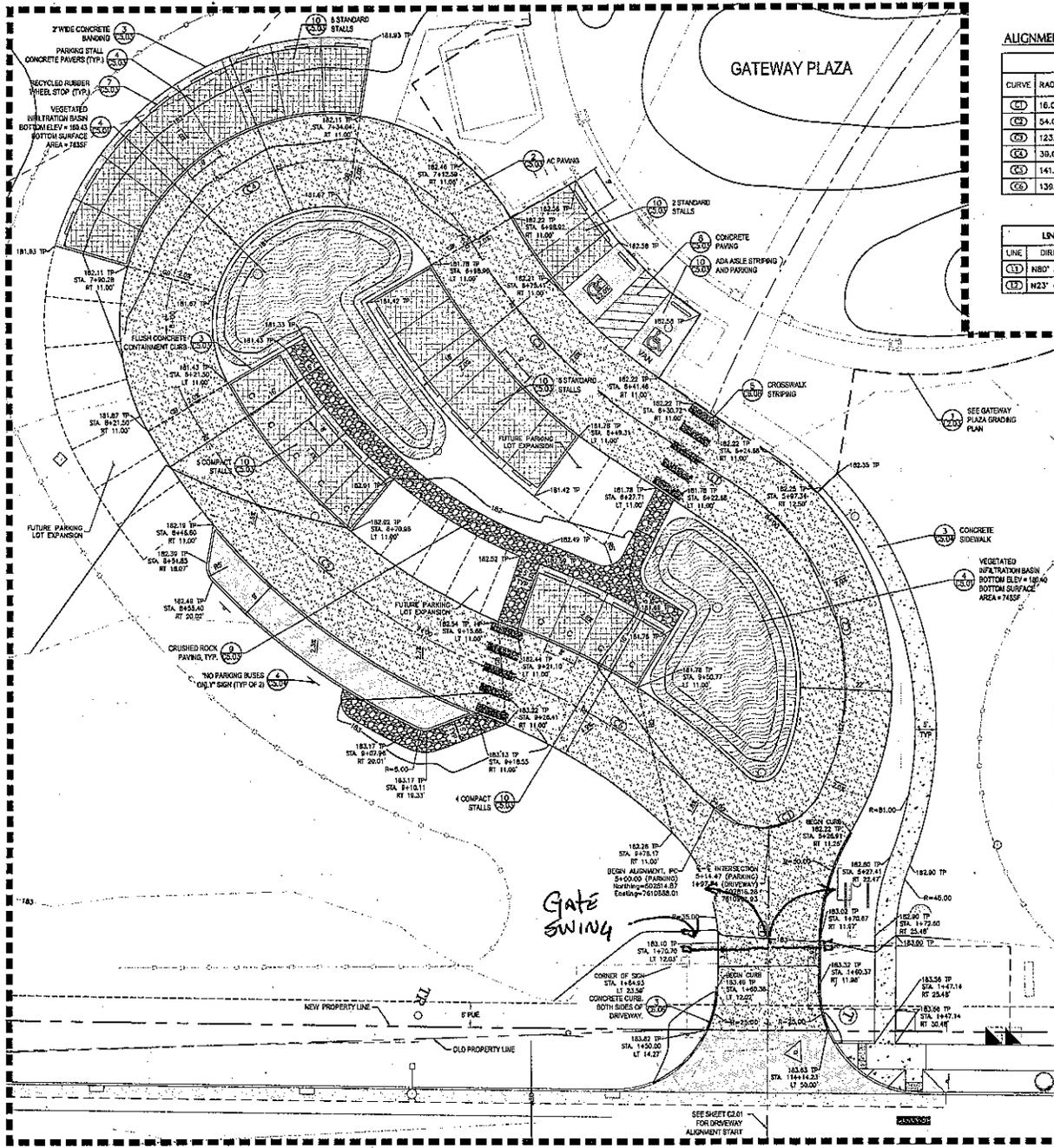
GENERAL INFORMATION

Date: 06-05-07
Revision:

Drawn By: MZ
Checked By: MM
Scale: AS SHOWN
Approved: JF

G1.01
Sheet No. 1 of 67

For Informational Purposes Only



ALIGNMENT

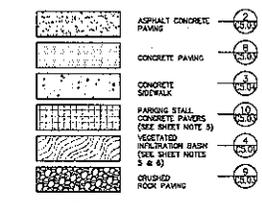
CURVE TABLE					
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD LENGTH	DELTA ANGLE
(C1)	16.00'	28.81'	N56° 50' 40"E	25.68'	106°43'39"
(C2)	54.00'	79.81'	N38° 43' 10"W	72.92'	84°22'01"
(C3)	123.57'	57.44'	N67° 35' 07"W	56.93'	28°38'06"
(C4)	38.00'	122.59'	S35° 41' 07"W	78.00'	180°03'38"
(C5)	141.31'	99.62'	S74° 33' 22"E	67.57'	40°23'21"
(C6)	139.51'	60.70'	S82° 17' 11"E	60.22'	24°55'44"

LINE TABLE		
LINE	DIRECTION	LENGTH
(L1)	N80° 54' 11"W	32.14'
(L2)	N23° 49' 59"W	97.74'

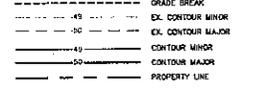
SHEET NOTES

- ALL DIMENSIONS ARE TO FACE OF CURB OR EDGE OF PAVING UNLESS NOTED OTHERWISE.
- PUBLIC IMPROVEMENTS WHEN NOT ARE CONSTRUCTED UNDER SEPARATE PERMIT AND ARE ON SHEETS COLOR-COLOR.
- COORDINATE FINISH GRADES AT INTERFACE WITH GATEWAY PLAZA SHOWN ON SHEET C2.01. NOTIFY OWNER'S REPRESENTATIVE IF ANY INCONSISTENCIES ARE OBSERVED TO OBTAIN CLARIFICATION.
- SEE SHEET C2.03 FOR UTILITY AND DRAINAGE INFORMATION.
- AREAS OF PROPOSED POROUS PAVING LOT CONCRETE PAVING AND VEGETATED INFILTRATION BASINS ARE SUBJECT TO ADDITIONAL EROSION CONTROL AND PROTECTION MEASURES TO AVOID SEDIMENT CONTAMINATION OR OVERCONSTRUCTION OF PROPOSED SUBGRADE. SUBGRADE AREAS OR COMPLETED INSTALLATIONS CHANGED BY CONSTRUCTION OPERATIONS WILL BE RESTORED AS DIRECTED.
- DO NOT EXPOSE SUBGRADE UNTIL READY TO INITIATE CONSTRUCTION SOLUTIONS FOR VEGETATED INFILTRATION BASIN.

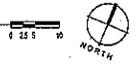
LEGEND



SHEET LEGEND



1 GATEWAY: ENLARGED PARKING PLAN

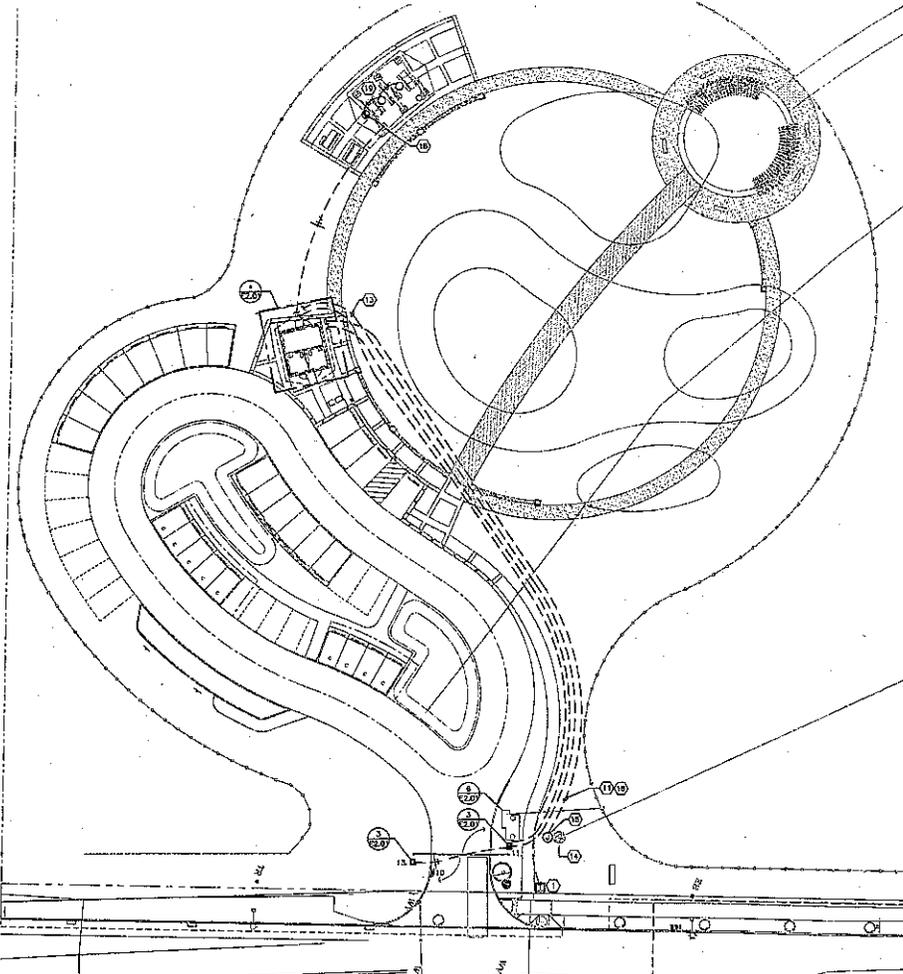


PROJECT: GRAHAM OAKS NATURE PARK
 METRO
 1100 N.W. 10TH AVENUE, SUITE 1000
 MIAMI, FL 33136
 PHONE: 305.375.1000
 FAX: 305.375.1001

DATE: 06/28/23
 REVISION: 06/28/23

Drawn By: PO
 Design By: PO
 Job No.: 107143
 Approve:

C2.02
 sheet no. 6 of 67
 307272-03

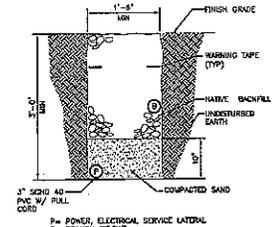


1 SITE PLAN - ELECTRICAL
SCALE 1/4"=1'-0"

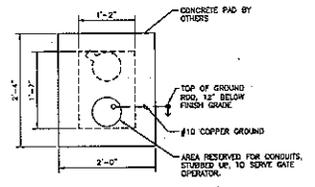
- NOTES THIS SHEET**
- ELECTRIC UTILITY SOURCE, TRANSFORMER, EXISTING, 200VA, 120/240V-1 PHASE, 3 WIRE. REFER TO DETAIL 5/22.01.
 - ELECTRICAL SERVICE LATERAL. REFER TO 1/23.01 FOR CONTINUATION.
 - BRANCH CIRCUIT CONDUIT CORROSIONS: (1) 3/4" PVC TO FINISH SHEET; (2) 1" PVC TO GATE OPERATOR; AND (3) 1" PVC SPARE CONDUIT 5'-FEET FROM BUILDING.
 - IRRIGATION CONTROL WIRING CONDUIT, 2" PVC. TERMINATE CONDUIT 5'-FEET FROM BUILDING.
 - PROVIDE TACK, 120/240-1PH, 50 METER BASE. COMPLY WITH PCE STANDARDS.
 - COORDINATE SERVICE LATERAL CONDUIT RISER AT RESTROOM STRUCTURE WITH BUILDING CONSTRUCTION AND STONE MANSUET. SERVICE MOUNT CONDUIT ON BUILDING EXTERIOR AND CONICAL RIGID STONE MANSUET. COORDINATE WITH STONE CAP TO FIT AROUND CONDUIT.
 - PANEL WITH SURFACE MOUNTED MAIN CONDUIT BREAKER, PROVIDED BY ROATEL. BRANCH CIRCUIT BREAKERS, REFER TO PANEL SCHEDULE THIS DRAWING, PROVIDED IN THIS CONTRACT.
 - PROVIDE FLUSH, SINGLE GANG OUTLETS FOR PUMP CONTROLLER SYSTEM AND INTERCONNECTIBLE ALARM APPLICATION. COVER OUTLETS BETWEEN BAYS. ELEVATE OUTLETS AS REQUIRED TO ADJ. TOPS OF ALUM. BOXES WITH TOP OF DOOR THRESH. REFER TO ROATEL ELEVATION 2/43.1.
 - EXTEND TO INTEGRAL JUNCTION BOX AT FORCE MAIN FOR DUPLEX PUMP AND FLOAT SWITCH ASSEMBLY.
 - EXTEND TO INTEGRAL JUNCTION BOX AT SIGATURE PUMP ASSEMBLY FOR SIMPLEX PUMP AND FLOAT SWITCH ASSEMBLY. SEE DETAIL 6/23.01.
 - DUPLEX PUMP MOTOR BRANCH CIRCUITS, (4-#10, 1-#10 GROUND) AND FLOAT CONTROL (2-#10) IN 1" PVC.
 - SIMPLEX PUMP MOTOR BRANCH CIRCUIT (2-#10, 1-#10 GROUND) AND FLOAT CONTROL (2-#10) IN 1" PVC.
 - GATE OPERATOR BRANCH CIRCUITS, (1-#10, 3-#10, 1-#10 GROUND IN 1" PVC).
 - FORCE MAIN DUPLEX PUMP AND FLOAT ASSEMBLY BAY.
 - SPICE BOX PROVIDED WITH PUMP AND FLOAT ASSEMBLY. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR SPICING TO PUMP AND FLOAT CABLES.
 - EXTEND TO DUPLEX PUMP CONTROLLER AT RESTROOM STRUCTURE.
 - EXTEND TO SIMPLEX PUMP CONTROLLER AT RESTROOM STRUCTURE.
 - CONICAL CONDUIT RISER BETWEEN STRUCTURAL TUBE STEEL ELEMENTS SUPPORTING PILING CANOPY.
 - INSTALL CONTROL DEVICE AND LUMINAIRES, DEVICE AND LUMINAIRES PROVIDED BY OTHERS. REFER TO CANOPY STRUCTURE PLANS, 2/42.01. ROUTE CONDUIT ON STRUCTURE TO MANUAZE VISIBLY. PAINT CONDUIT TO MATCH STRUCTURE.

ELECTRICAL SYMBOL LIST

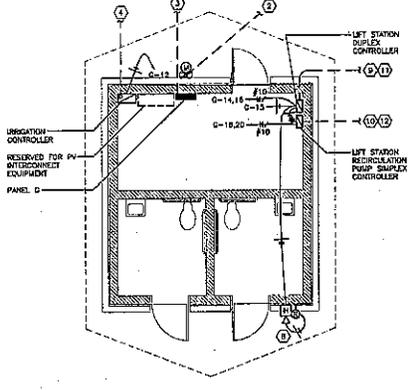
- TRANSFORMER, PNO MOUNTED
- CONDUIT SURFACE MOUNTED ON OR WITHIN STRUCTURE
- CONDUIT INSTALLED BELOW GRADE
- CONDUIT ELLED UP
- GROUND ROD
- BRANCH CIRCUIT PANEL
- EQUIPMENT ENCLOSURE
- LIFT STATION VISUAL ALARM
- LIFT STATION AUDIBLE ALARM
- SURFACE MOUNTED LUMINAIRE
- PHOTO-ELECTRIC SWITCH



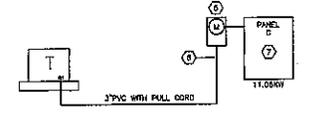
2 SERVICE TRENCH DETAIL
SCALE 1/4"=1'-0"



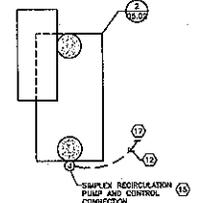
3 GATE OPERATOR CONCRETE BASE
SCALE 1/4"=1'-0"



4 RESTROOM STRUCTURE PLAN - ELECTRICAL UTILITIES
SCALE 1/4"=1'-0"



5 ELECTRIC SERVICE DIAGRAM
SCALE 1/4"=1'-0"



6 SANITARY LIFT STATION
SCALE 1/4"=1'-0"

CIRCUIT	CIRCUIT DESCRIPTION	WIRE TYPE		WIRE SIZE	WIRE TYPE	WIRE COLOR	WIRE LENGTH	WIRE WEIGHT	WIRE AREA	WIRE VOLUME	WIRE PRICE	WIRE WEIGHT	WIRE AREA	WIRE VOLUME	WIRE PRICE
		CONDUIT	WIRE												
1	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
2	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
3	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
4	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
5	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
6	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
7	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
8	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
9	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
10	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
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12	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
13	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
14	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
15	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
16	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
17	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
18	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
19	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
20	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
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26	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
27	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
28	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
29	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
30	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
31	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
32	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
33	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
34	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
35	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
36	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
37	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
38	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
39	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
40	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
41	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
42	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
43	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
44	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
45	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
46	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
47	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
48	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
49	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
50	MAIN	3/4"	M	220	3	118	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78



Greenworks, P.C.
10000 Greenworks Blvd.
Atlanta, GA 30328
404.487.1234
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KEY PLAN



PROJECT: GRAHAM OAKS NATURE PARK
METRO PARKS
10000 Metro Parkway
Atlanta, GA 30328
404.522.1234

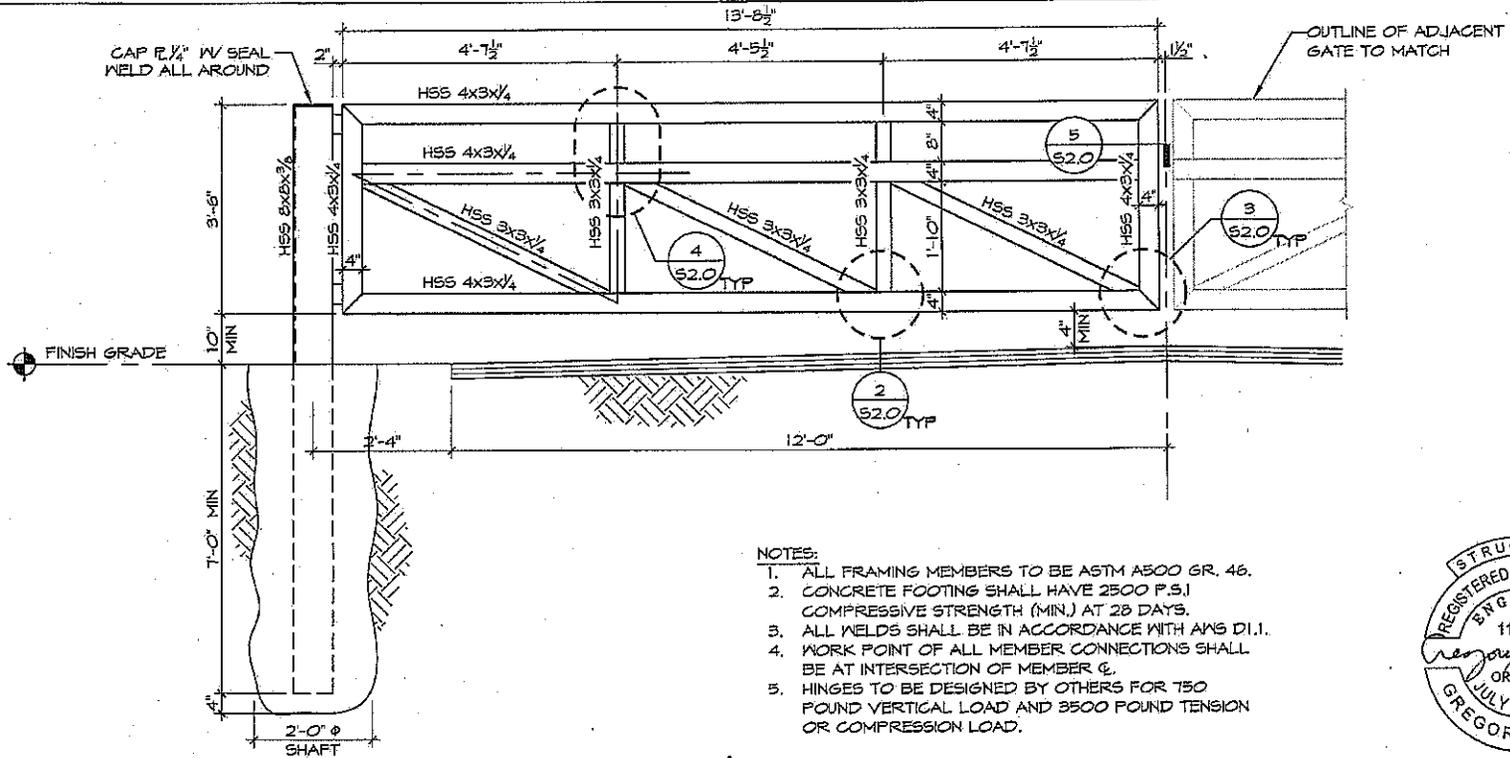
PROJECT SET
DATE: 02-25-20
DRAWN BY: JSP
CHECKED BY: ODS
DATE: 02-25-20
DESIGNED BY: DRS

DATE: 02-25-20
DRAWN BY: JSP
CHECKED BY: ODS
DATE: 02-25-20
DESIGNED BY: DRS

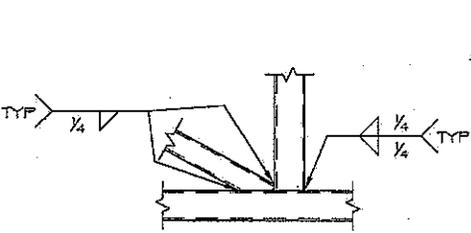


E2.01
Sheet No. 1 of 4

A:\projects\2009\09-015 Greens Oak Park.dwg - METRO REGIONAL PARKS & RECREATION DEPARTMENT 11/18/09 11:51:00 AM

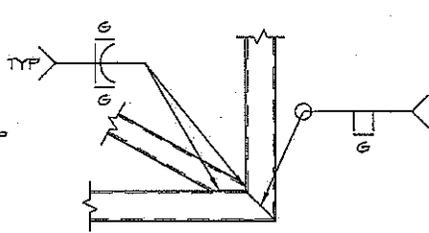


1 FRAMING ELEVATION
SCALE: 1/2" = 1'-0"



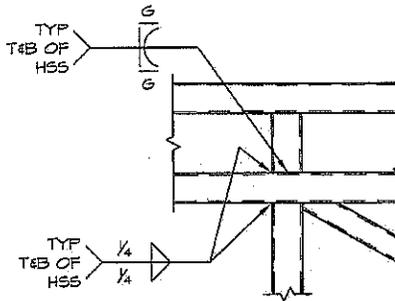
SEE S14/S2.0 FOR WELD INFO NOT SHOWN

2 FRAMING CONNECTION
SCALE: 3/4" = 1'-0"

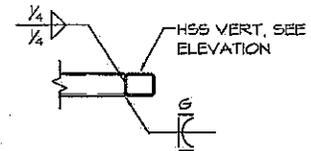


SEE 4/S2.0 FOR WELD INFO NOT SHOWN

3 FRAMING CONNECTION
SCALE: 3/4" = 1'-0"



4 FRAMING CONNECTION
SCALE: 3/4" = 1'-0"



5 FRAMING CONNECTION
SCALE: 3/4" = 1'-0"



GRAHAM OAKS
 NATURE PARK
 ENTRY GATE
 CLIENT: METRO REGIONAL PARKS AND
 GREENSPACES DEPARTMENT

SHEET TITLE GATE ELEVATION & DETAILS	
DATE 09/23/09	DRAWN BY DBH
CHECKED BY GFS	DATE & TIME ON ORIGINAL DRAWING 09-015

SHEET NO.

S2.0