



**INTERLOCAL AGREEMENT BETWEEN BROWARD COUNTY AND CITY OF FORT LAUDERDALE  
FOR SURTAX-FUNDED MUNICIPAL TRANSPORTATION PROJECT:  
NW 15th AVE COMPLETE STREETS ROADWAY IMPROVEMENTS (FORT-122/162)**

This Interlocal Agreement ("Agreement") is made and entered by and between Broward County, a political subdivision of the State of Florida ("County"), and the City of Fort Lauderdale, a municipality of the State of Florida ("Municipality") (each a "Party" and collectively referred to as the "Parties").

**RECITALS**

A. In November 2018, Broward County voters approved a 30-year sales surtax (also known as "Penny for Transportation") to fund statutorily-permissible transportation expenditures.

B. All projects, County, State, and municipal, funded by the transportation surtax are evaluated for eligibility under Section 212.055(1), Florida Statutes, by the independent Transportation Surtax Oversight Board before the Broward County Board of County Commissioners makes the final decisions regarding project funding.

C. A process has been established pursuant to which surtax-funded staff at the Broward Metropolitan Planning Organization ("MPO") prioritize municipal projects, with the exception of municipal rehabilitation and maintenance projects, and make recommendations for funding. The first round of ranking of municipal capital projects was recently completed by the MPO following extensive and detailed discussions with the submitting municipalities, and the Project contemplated in this Agreement was included in that review and ranking.

D. The municipal Project defined herein has been determined statutorily eligible for funding and subsequently approved for funding by the Broward County Board of County Commissioners.

E. The purpose of this Agreement is to set forth the terms and conditions for County to provide transportation surtax funding for the Project and the terms and conditions for Municipality to complete the Project. Municipality will implement the Project, as funded by County with surtax funding, in accordance with the terms of this Agreement.

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows:

**ARTICLE 1. DEFINITIONS**

1.1. **Board** means the Board of County Commissioners of Broward County, Florida.

1.2. **Contract Administrator** means the County Administrator or such other person designated by the County Administrator in writing.

- 1.3. **Contractor** means the persons, firms, or corporations with whom Municipality has or will contract for the performance of the Project.
- 1.4. **Consultant** means the architect or engineer with whom Municipality has or will contract to provide programming, design, construction management, engineering, and inspection, or other professional services for the Project.
- 1.5. **County Business Enterprise** or **CBE** means an entity certified as meeting the applicable requirements of Section 1-81, Broward County Code of Ordinances.
- 1.6. **Maximum Funding Amount** means the maximum funding amount stated in Section 5.4.
- 1.7. **Oversight Board** means the independent Transportation Surtax Oversight Board created pursuant to Section 31½-75 of the Broward County Code of Ordinances.
- 1.8. **Project** means the project described in Exhibit A.
- 1.9. **Project Manager** means Municipality’s Senior Project Manager.
- 1.10. **Subcontractor** means an entity or individual providing services to Municipality through Contractor or Consultant for all or any portion of the Project. The term “Subcontractor” includes subconsultants.
- 1.11. **Surety** means the surety company or individual that is bound by the performance bond and payment bond and that is responsible for Contractor’s or Consultant’s acceptable and timely performance and completion of the Project under this Agreement and for the payment of all debts pertaining thereto in accordance with Section 255.05, Florida Statutes.
- 1.12. **Surtax-Funded Projects** means any project, including without limitation the Project described in Exhibit A, that is funded in whole or in part by the transportation surtax collected pursuant to Section 212.055(1), Florida Statutes.

## ARTICLE 2. EXHIBITS

<b>Exhibit A</b>	<b>Project Description and Project Schedule</b>
<b>Exhibit B</b>	<b>Funding Schedule</b>
<b>Exhibit C</b>	<b>Reporting Requirements</b>
<b>Exhibit D</b>	<b>Form Contracts</b>
<b>Exhibit E</b>	<b>Municipal Resolution Authorizing Execution of Agreement</b>

## ARTICLE 3. PROJECT DESCRIPTION; COMPETITIVE PROCUREMENT; PERMITTING

- 3.1. Project Description and Project Schedule. Municipality shall perform, or cause to be performed, the Project in accordance with the Project Description and the Project Schedule set forth in **Exhibit A**. The Project Description is a general description of the Project and is deemed to include preliminary considerations and prerequisites, and all labor, materials, equipment, and



tasks that are such an inseparable part of the Project described that exclusion of any of them would be impractical, illogical, or unconscionable.

**3.2. Municipal Responsibility for the Project.** Municipality is solely responsible for the Project, subject to the terms of this Agreement. County has no responsibility for the construction means, methods, techniques, sequences, or procedures employed in the performance of the Project. Municipality shall be solely responsible for retention, supervision, and payment of Contractor, Consultant, and all Subcontractors. Municipality shall be solely responsible for securing any and all property rights or permits required by the Project. Nothing in this Agreement shall impose on County an obligation to assume any contract or subcontract, or to make payment to Contractor, Consultant, or any Subcontractor, vendor, or supplier, or to perform the Project or any portion thereof, or to supply any goods or services for the Project. Further, nothing contained herein shall create any contractual relationship between County and Contractor, Consultant, or any Subcontractor, vendor, or supplier.

**3.3. Competitive Procurement; Consultants' Competitive Negotiation Act.** Except to the extent the Contract Administrator has approved utilization of an existing contract by Municipality for the services to be performed by Contractor or Consultant, Municipality must provide the proposed solicitation(s) for the Project to the Contract Administrator for review at least twenty (20) days prior to publication of the solicitation by Municipality. County's review shall include, without limitation, determination of the applicable CBE Goal (as defined in Article 10), which must be included by Municipality in the solicitation(s). If Municipality seeks to utilize an existing contract for the services to be performed by the Contractor or Consultant, Municipality must obtain prior approval by County and must provide the Contract Administrator with the proposed contract and supporting documentation for consideration pursuant to the procedures stated in Section 3.5.2; County may require, as a condition for its approval, that the engagement of Contractor or Consultant for this Project utilizing an existing municipal contract include modifications or additions to the existing contract terms and conditions, including without limitation any provision identified in Section 3.5.3. Municipality must comply with all applicable provisions of state law including, as applicable, Section 255.20 and Section 287.055, Florida Statutes, in the procurement of any services or materials relating to the Project. If any applicable state or federal procurement requirement is stricter than any other applicable requirement, Municipality shall be obligated to meet the stricter requirement. Prior to the execution of any contract with Contractor or Consultant relating to the Project, Project Manager shall certify in writing to the Contract Administrator that the procurement and the proposed contract comply with the requirements of this Section 3.3.

**3.4. Modifications to Project or Phases.**

**3.4.1. Material Changes to the Project.** Material changes are changes that increase the Maximum Funding Amount or materially modify the Project Description. Any proposed material change to the Project Description that does not increase the Maximum Funding Amount requires the prior written approval of the Contract Administrator. Any proposed material change that would increase the Maximum Funding Amount requires an

amendment of this Agreement. Any proposed material change may also, if determined necessary by Contract Administrator pursuant to the applicable contractual, statutory, or other surtax-related requirements, require review by the Oversight Board for statutory eligibility. Municipality shall submit to the Contract Administrator written notice of the proposed material change and appropriate backup documentation; if requested by the Contract Administrator, Municipality shall provide any additional requested backup documentation. The Contract Administrator will either approve or disapprove in writing the proposed material change to the Project Description that does not increase the Maximum Funding Amount within fifteen (15) calendar days after receipt of the written notice and all requested backup documentation; if not timely approved, the request shall be deemed disapproved. Any material change that increases the Maximum Funding Amount must be approved by the Board.

3.4.2. Modifications to Construction Phase. Requests for additional funding as a result of modifications to the construction phase of a Project that exceed the amount provided in the then-current Funding Schedule, including without limitation change orders or other scope changes, are subject to (i) approval by the Contract Administrator, and (ii) the Board's allocation of additional funding; such requests may also, if determined necessary by Contract Administrator pursuant to the applicable contractual, statutory, or other surtax-related requirements, require additional review by the Oversight Board for statutory eligibility. Municipality shall submit to the Contract Administrator written notice of its request for additional funding and appropriate backup documentation; if requested by the Contract Administrator, Municipality shall provide any additional requested backup documentation. The Contract Administrator will either approve or disapprove the request in writing within fifteen (15) calendar days after receipt of the written notice and all requested backup documentation; if not timely approved, the request shall be deemed disapproved.

3.4.3. Owner Enhancements. In addition to any approvals that may be required pursuant to this Agreement, any increased or additional costs due to changes in the quality of materials, furnishings, finishes, aesthetics, or any other cost reasonably determined by the Contract Administrator to be an "owner enhancement" (including, without limitation, decorative lighting, decorative paving, and improvements that are not within the public right of way) must be funded solely by Municipality with non-surtax funding, and County shall have no funding responsibility for any such increased costs. Upon the Contract Administrator's request, the Project Manager shall provide sufficient detail for the Contract Administrator's determination of whether any increased or additional costs include owner enhancements. The Contract Administrator shall determine, after consultation with the Project Manager, whether the increased or additional costs constitute owner enhancements.

3.4.4. Project Schedule. Any proposed change in the Project Schedule that modifies the commencement or completion date for any phase or for the Project by more than sixty

(60) days requires the prior written approval of the Contract Administrator. Municipality shall submit to the Contract Administrator written notice of the proposed change and appropriate backup documentation; if requested by the Contract Administrator, Municipality shall provide any additional requested backup documentation. The Contract Administrator will either approve or disapprove in writing the proposed change within fifteen (15) calendar days after receipt of the written notice and all requested backup documentation; if not timely disapproved, the request shall be deemed approved.

3.4.5. Nonmaterial Changes. Nonmaterial changes to the Project (namely, changes that do not require approvals under Sections 3.4.1, 3.4.2, 3.4.3, or 3.4.4) do not require County approval and may be approved by the Project Manager.

### 3.5. Contractor and Consultant Contracts.

3.5.1. Form Contracts. County has preapproved the Surtax-Funded Projects Form Construction Contract and the Surtax-Funded Projects Form Consultant Contract (collectively, the “**Form Contracts**”) attached as **Exhibit D**, which Municipality may utilize for its contracts with Contractor and Consultant, respectively. County may update the Form Contracts from time to time upon written notice to Municipality, and such updated Form Contracts shall be the applicable forms for solicitations advertised after the date of such written notice by County.

3.5.2. County Approval. Unless the Form Contracts are utilized for the Project with no material modification or an existing municipal contract is approved by County for use pursuant to Section 3.3, Municipality must obtain written approval from the County Attorney’s Office for Municipality’s contract(s) with Contractor and with Consultant prior to utilization of the contracts for the Project (and prior to publication of the solicitation, if the contract is included in the solicitation). In addition to the provisions required to be included in Municipality’s contracts with Contractor and with Consultant pursuant to Section 8.1 or Section 10.5, Municipality’s contracts must also include the provisions listed in Section 3.5.3 and Section 3.5.4, as applicable, in the form stated in the Form Contracts. Any material modification to any required contractual provision must be approved in advance by the County Attorney’s Office; no subsequent material change to the contract(s) for the Project may be made without written approval from the County Attorney’s Office. Municipality agrees and acknowledges that County’s approval of any contracts with Contractor or Consultant, including without limitation the Form Contracts, is solely for purposes of protecting County’s interests; County approval of any such contract does not constitute a legal opinion, including without limitation as to the legal sufficiency of the contract, for use or reliance by Municipality or any third party and shall not be the basis for any claim or liability against County or asserted to avoid any reimbursement or other obligation of Municipality under this Agreement. Municipality shall provide at least twenty (20) days’ written notification to the Contract Administrator and the County Attorney’s Office prior to award of the contract to Contractor or Consultant, as applicable, which notice must include a copy of the competitive solicitation

(or other applicable procurement document) for the Project, the responsive submission by the proposed Contractor or Consultant, the proposed contract amount for the Project, the proposed contract, and the date on which Municipality intends to award the contract. County may disapprove the proposed contract: (a) for failure to comply with any requirement of this Agreement; (b) if the contract price exceeds or is materially inconsistent with the Funding Schedule (absent good cause, as determined by Contract Administrator); or (c) after consultation with Project Manager, for any other good cause as determined in the sole discretion of the Contract Administrator. If County disapproves any proposed contract, County must provide notice of such disapproval within twenty (20) days after receipt of the notice and the documents required pursuant to this section; if not timely disapproved, the proposed contracts shall be deemed approved.

3.5.3. For the contract with Contractor, the following provisions from the Surtax-Funded Projects Form Construction Contract must be included:

- 3.5.3.1. Contract, Article 3 (Contract Time)
- 3.5.3.2. Contract, Article 5 (Progress Payments; Retainage)
- 3.5.3.3. Contract, Article 6 (Acceptance and Final Payment)
- 3.5.3.4. General Conditions, Article 4 (Performance Bond and Payment Bond) and Article 5 (Qualification of Surety)
- 3.5.3.5. General Conditions, Article 17 (Project Records and Right to Audit) (*see also* Section 8.1 herein)
- 3.5.3.6. General Conditions, Article 33 (Location and Damage to Existing Facilities, Equipment, or Utilities)
- 3.5.3.7. General Conditions, Article 38 (Change Orders) and Article 39 (Value of Change Order Work)
- 3.5.3.8. General Conditions, Article 14 (Superintendence and Supervision)
- 3.5.3.9. General Conditions, Article 20 (Differing Site Conditions)
- 3.5.3.10. General Conditions, Article 40 (Notification and Claim for Change of Contract Time or Contract Price)
- 3.5.3.11. General Conditions, Article 41 (No Damages for Delay)
- 3.5.3.12. General Conditions, Article 42 (Excusable Delay; Compensable; Non-Compensable)
- 3.5.3.13. General Conditions, Article 53 (Domestic Partnership)
- 3.5.3.14. General Conditions, Article 54 (Equal Employment Opportunity and CBE/SBE Compliance)
- 3.5.3.15. Supplemental Wage Requirements (Prevailing Wage Rate Ordinance)

3.5.4. For the contract with Consultant, the following provisions from the Surtax-Funded Projects Form Consultant Contract must be included:

- 3.5.4.1. Article 4 (Time for Performance; Contractor Damages)
- 3.5.4.2. Sections 5.3 and 5.4 (Reimbursable Expenses; Method of Billing)
- 3.5.4.3. Section 7.5 (Truth in Negotiation)

- 3.5.4.4. Section 7.9 (Domestic Partnership Requirement)
- 3.5.4.5. Article 10 (Equal Employment Opportunity and CBE Compliance)
- 3.5.4.6. Section 11.4 (Public Records and Trade Secrets)
- 3.5.4.7. Section 11.5 (Audit Rights)
- 3.5.4.8. Section 11.8 (Indemnification)
- 3.5.4.9. Section 11.14 (Drug-Free Workplace)

#### **ARTICLE 4. TERM AND TIME OF PERFORMANCE**

4.1. Term. The term of this Agreement shall begin on the date it is fully executed by the Parties (“Effective Date”) and shall end on November 11, 2025 (“Initial Term”), unless extended pursuant to Section 4.2.

4.2. Extensions. The Parties may renew this Agreement for up to two (2) additional one (1) year terms (each an “Extension Term”) by written approval of the Project Manager and the County Administrator at least thirty (30) days prior to the expiration of the then-current term. Any further extension shall require approval by the Board and the governing body of Municipality.

4.3. Fiscal Year. The continuation of this Agreement beyond the end of any County fiscal year (October 1 through September 30) is subject to both the appropriation and the availability of transportation surtax funds in accordance with Chapter 129, Florida Statutes.

4.4. Time of the Essence. Unless expressly waived by the Contract Administrator in writing, time is of the essence in Municipality’s performance of its duties, obligations, and responsibilities under this Agreement.

#### **ARTICLE 5. FUNDING AND SURETY**

5.1. Surtax Funding. County shall provide funding to Municipality for the Project in accordance with the Funding Schedule (**Exhibit B**). Any amounts, costs, or expenses indicated as ineligible for funding in Exhibit B shall not be funded by County but must instead be funded by Municipality from non-surtax funds. The Parties agree and acknowledge that all funding provided by County to Municipality under this Agreement shall be paid exclusively from and subject to the availability of proceeds from the transportation surtax levied pursuant to Section 212.055(1), Florida Statutes, and County shall not have any obligation to provide, nor shall County provide, any funding from County’s general revenue or any other County source. Municipality agrees and stipulates that the funding provided by County to Municipality under this Agreement will be utilized by Municipality only for the purposes permitted under Section 212.055(1), Florida Statutes.

5.2. Method of Billing and Payment. Municipality shall invoice County only in accordance with the Funding Schedule. Any credit due to County under Section 5.6 must be reflected on the next applicable invoice. To be proper, each invoice must comply with the requirements of Exhibit B and be accompanied by a certification by the chief administrative officer and the chief financial

officer of Municipality, or such other persons designated by Municipality with authority to act in similar capacities, that all funds received and utilized to date by Municipality under this Agreement were utilized only for the Project, only for the portion(s) of the Project that the Oversight Board and County determined were eligible for surtax funding, and only for purposes that Municipality independently determined were eligible for surtax funding. County shall pay Municipality in accordance with the Funding Schedule within thirty (30) days of receipt of Municipality's proper invoice. Payment shall be made to Municipality at the address designated by Municipality for notices pursuant to Section 11.6.

**5.3. Phases; Funding Schedule.** The Funding Schedule may provide for funding the Project in phases or by deliverable, with the funding for subsequent phases or deliverables to be determined after completion of prior phases or particular deliverables. Any such later-determined funding for the Project, including any modification to the funding amount(s), phase(s), or deliverable(s) stated in the Funding Schedule, shall require a written amendment to this Agreement with an amended Funding Schedule attached thereto setting forth the next phase(s) or deliverable(s) and applicable funding for same. All terms and conditions of this Agreement shall apply to any such amended Funding Schedule. The County Administrator, on behalf of County, and the duly authorized signer(s), on behalf of Municipality, are authorized to execute amendments to this Agreement to incorporate an amended Funding Schedule, provided the total of all funding obligations of County under this Agreement does not exceed the total Maximum Funding Amount. Any amended Funding Schedule or other amendment that would cause County's total funding obligations under this Agreement to exceed the Maximum Funding Amount shall not be effective unless approved by the Board.

**5.4. Maximum Funding.** Municipality acknowledges that the Maximum Funding Amount set forth below is the maximum amount payable by County and constitutes a limitation upon County's obligation to provide funding to Municipality for the Project. Municipality further acknowledges that subtotal amounts set forth below for the applicable phases and in the Funding Schedule (including as amended) are the maximum amounts payable for the applicable portions of the Project, and constitute limitations on County's obligation to provide funding to Municipality for the Project.

Description	Not-To-Exceed Amounts
Phase 1: Construction (inclusive of CEI and 5% contingency)	\$2,812,805.00
<b>MAXIMUM FUNDING AMOUNT:</b>	<b>\$2,812,805.00</b>

In no event shall County be liable to provide funding to Municipality in excess of the applicable amounts stated in the Funding Schedule or the Maximum Funding Amount, regardless of the basis for any claim or the basis for increased cost, including, without limitation, differing site conditions, delays, weather, or any other reason. If the actual costs of the Project exceed the amount County is obligated to fund per the Funding Schedule, as same may be amended pursuant to this Agreement, Municipality shall be solely responsible for funding any and all such additional amounts. Municipality is solely responsible for any and all costs to operate, support,



and maintain the Project unless otherwise agreed in writing by the Parties; County has no obligation to fund any costs related to the Project except as expressly stated in this Agreement.

**5.5. Adjustments for Corridor Projects; Funding Withholding; Other Delayed Funding.**

5.5.1. In order to avoid duplicative construction and unnecessary disruption of the local transportation network and community, the Parties shall cooperate in good faith to coordinate the timing of the Project with other projects that affect the same or nearby transportation elements, including, without limitation, other Surtax-Funded Projects and other County or State roadway projects (collectively, "Corridor Projects"). The Contract Administrator shall provide prompt notice to Municipality if County determines that the timing of the Project requires adjustment due to a Corridor Project. Upon receipt of such a notice, Municipality shall use best efforts to suspend any additional work on the Project pending an agreed adjustment to the Project Schedule, and the Parties shall cooperate to mutually approve an adjusted Funding Schedule (adjusted only as to timing, absent good cause as determined by Contract Administrator) and Project Schedule. County may withhold any otherwise scheduled funding until such adjustments are mutually approved by the Parties. To the extent some or all of the Project costs are modified as a direct result of a timing adjustment to accommodate a Corridor Project, such modified costs shall be addressed in an amendment to the Funding Schedule and, if necessary, an amendment to this Agreement.

5.5.2. If commencement or completion of a phase of the Project is delayed beyond its scheduled date by more than one (1) year, or work suspended for more than one (1) year, the Funding Schedule may be unilaterally adjusted as to timing (but not amount) by written notice issued by the Contract Administrator, after consultation with Municipality, to reflect the delay; any adjustment to the amount of funding for any phase in connection with the delay shall require an amended Funding Schedule in accordance with Section 5.3.

**5.6. Overpayments; Refunds.** Any funding provided by County under this Agreement for a Phase that exceeds the actual amounts expended by Municipality in accordance with this Agreement for that Phase shall be credited against the next invoice to County or refunded to County, as elected by County. Any funding provided by County under this Agreement that exceeds actual amounts paid by Municipality for the Project shall be promptly refunded to County upon Municipality's discovery of an overpayment, County's request for refund, or sixty (60) days after completion of the Project, whichever occurs first. For purposes of this calculation, any interest expense(s) incurred by Municipality are not an allowable cost. Any refunds, credits, liquidated damages, insurance proceeds (after payment of any applicable deductible), claim or litigation proceeds (after payment of attorneys' fees and costs), or other amounts received by or credited to Municipality by or on behalf of Contractor, Consultant, or any Subcontractor (collectively, "Proceeds") shall be either credited against future funding due from County under this Agreement or paid by Municipality to County within thirty (30) days after its receipt of the Proceeds, as elected by County. The total Proceeds amount credited or refunded



to County shall not exceed the total funding provided by County under this Agreement. Municipality shall promptly notify County of any amount of Proceeds received by or credited to Municipality, and of any claims filed or asserted relating to the Project. For unresolved claims or litigation, the Parties shall cooperate to ensure any Proceeds are first credited or repaid to the benefit of County before any other allocation.

**5.7. Separate Accounting.** Municipality shall deposit and maintain all funding received from any source for the Project in a segregated fund or account, which shall be subject to audit pursuant to Article 8. Any interest earned by Municipality on any funds provided under this Agreement shall be credited against the funding otherwise due from County under this Agreement and must be utilized by Municipality solely in accordance with the terms of this Agreement. Upon prior written approval by the Contract Administrator, Municipality may utilize other methods of separate accounting for the Project funds provided the accounting method permits a full and complete audit of the funds as required by Article 8.

**5.8. Withholding by County.** Notwithstanding any provision of this Agreement to the contrary, County may withhold, in whole or in part, payment to the extent necessary to ensure utilization of the funds in accordance with this Agreement, applicable law, and the Board-approved transportation surtax program. Failure of Municipality or the Project to comply with the Reporting Requirements or the Performance Metrics may also be a basis to withhold or limit future funding for the Project, as determined in the reasonable discretion of the Contract Administrator. The amount withheld shall not be subject to payment of interest by County. Upon written notice by County and except as expressly stated otherwise herein, payment may be withheld by County for the duration of any failure of Municipality to comply with a term, condition, or requirement of this Agreement; County shall promptly pay the amount withheld to Municipality when Municipality's noncompliance with the applicable terms and conditions of this Agreement is cured to the reasonable satisfaction of Contract Administrator.

**5.9. Final Invoice and Reconciliation.** Unless otherwise stated in the Funding Schedule or approved by the Contract Administrator, Municipality must submit the final invoice to County no later than one hundred twenty (120) days after the completion of the Project. The final invoice must be accompanied by a complete summary of all expenses incurred and all amounts paid for the Project, all funding, Proceeds, interest, or other amounts received relating to the Project, and any unpaid invoices, amounts still owing, disputed charges, or other unresolved issues relating to the Project that may impact the financial accounting of the Project (collectively, the "Final Reconciliation"). Upon request by the Contract Administrator, Municipality shall provide any backup or additional documentation requested relating to the Final Reconciliation; if County or Municipality identifies any error or omission in the Final Reconciliation, Municipality shall resubmit a corrected final invoice and corrected Final Reconciliation. County shall pay the correct final invoice after review and approval of the Final Reconciliation.

## **ARTICLE 6. TRANSPORTATION SURTAX PROJECT COORDINATION AND PARTICIPATION**

**6.1. Reporting Requirements.** Unless waived in writing by the Contract Administrator, Municipality shall comply with the Reporting Requirements set forth in **Exhibit C**. In addition,

Municipality shall provide written reports to the Contract Administrator consisting of the following information as of the date of the report, with monthly information provided within thirty (30) days after the end of the applicable month, quarterly information provided within forty-five (45) days after the end of the applicable quarter, and annual information provided within one hundred eighty (180) days after the end of the fiscal year:

6.1.1. Quarterly Report on Expenditures: For both total to date and total for the applicable quarter, the total funds received from any funding source for the Project (itemized by funding source) and total funds (by funding source) expended to date for the Project;

6.1.2. Monthly Report on Project Schedule: The updated Project Schedule, summary of progress during the applicable quarter, and any adjustments to the Project Schedule (including all approved adjustments and pending requests for adjustments);

6.1.3. Monthly report on Material Changes or Impacts: All material changes to the Project, the Project Schedule, or any other aspect of the Project that may impact the cost of the Project or the ability of the Project to achieve the intended goals or purposes; and

6.1.4. Annual Audit Reports: On an annual basis, copies of Municipality's most recent annual financial reporting packages, reports, or other information required to be submitted in accordance with Section 215.97, Florida Statutes. A copy of Municipality's most recent single audit complies with this requirement.

6.2. Performance Metrics. Municipality must ensure that the quality, progress, and nature of the Project strictly comply with the Performance Metrics stated in Exhibit C. The Contract Administrator may modify the Performance Metrics for the Project at any time with the written approval of the Project Manager. In addition to the reporting required pursuant to Section 6.1 above, Municipality shall provide written reports to the Contract Administrator on at least an annual basis, no later than ninety (90) days after the end of the fiscal year, documenting the Project's compliance with the applicable Performance Metrics. The Contract Administrator or designee will provide technical assistance and support, as may be reasonably requested by Municipality, and shall make available to Municipality a centralized repository of relevant, available metrics and data.

6.3. Permitting for Surtax-Funded Projects. To decrease public inconvenience and to facilitate the expeditious and efficient completion of Surtax-Funded Projects, for any Surtax-Funded Project that is performed by County and is in whole or in part within the geographical boundaries of Municipality, Municipality shall waive, to the full extent permissible under applicable law, all municipal permitting requirements, except to the extent of any portion of the work performed by County that will be owned, operated, and maintained by Municipality. The waiver shall include, but not be limited to, the requirements of permit application, permit issuance, inspections, and permitting fees. County shall be responsible for ensuring adequate plan review, inspections, and compliance with State and County standards for work in the public right of way.

County shall waive, to the full extent permissible under applicable law, all County permitting fees for municipal Surtax-Funded Projects.

**6.4. Road Closures.** Municipality shall institute and comply with a cooperative notification program that ensures County is promptly notified and promptly provided with data reasonably requested by County regarding all municipal roads that are closed for any reason, including but not limited to the Project, other construction, or flooding, in a format prescribed by County. Providing Municipality consistently utilizes the cooperative notification program established by County and promptly cures any nonperformance upon notice by County, nonrecurring or isolated incidents of failure by Municipality to timely notify as required by this Section 6.4 shall not be a basis for withholding or nonpayment of funding by County under this Agreement.

**6.5. Branding and Marketing.** At County's request, Municipality shall participate in reasonable branding and marketing in the form and content prescribed by County, including, but not limited to, signage prominently acknowledging the surtax funding source of Surtax-Funded Projects, utilizing County-approved wording, logo, or other imagery, which branding and marketing will acknowledge the project contributions of County and Municipality. The costs for all branding and marketing requested by County pursuant to this Section 6.5 shall be fully funded by County. Provided Municipality cures any nonperformance within thirty (30) days after notice by County, nonrecurring or isolated incidents of failure by Municipality to comply with this Section 6.5 shall not be a basis for withholding or nonpayment of funding by County under this Agreement.

**6.6. Data Collection and Sharing.** To the extent requested by County, Municipality shall ensure the Project includes incorporation and placement of sensors or other devices on municipal roads, rights of way, properties, and assets for County-approved applications for mobility-related data collection purposes, provided such placement shall not unreasonably interfere with the aesthetics or Municipality's use of such roads, rights of way, properties, or assets. The costs for any such incorporation and placement requested by County shall be funded by County. Municipality shall ensure the collection of data includes and is consistent with the scope, type, frequency, quantity, and format requested by County in order to facilitate countywide collection and utilization of transportation data. For the useful life of the Project, to the extent requested by County, Municipality shall provide County any and all access to such data as may be requested by County, including recurring or real-time access or periodic download. Provided Municipality cures any nonperformance within thirty (30) days after notice by County, nonrecurring or isolated incidents of Municipality's failure to comply with this Section 6.6 shall not be a basis for withholding or nonpayment of funding by County under this Agreement.

**6.7. Conflict of Interest.**

6.7.1. Municipality represents and agrees that it has not contracted, and will not contract during the term of this Agreement, with the MPO for the MPO to perform any of the following services (collectively, the "Contracting Prohibitions"):

- 6.7.1.1. Any design, construction, oversight, or management services relating to any Surtax-Funded Project or any proposed project for which transportation surtax funding is being or will be sought;
- 6.7.1.2. Any planning, oversight, or reporting services relating to any receipt by Municipality of community shuttle surtax funding; or
- 6.7.1.3. Any grant writing or grant consultation services in connection with any Surtax-Funded Project (or proposed Surtax-Funded Project).

6.7.2. The foregoing Contracting Prohibitions:

- 6.7.2.1. Shall not apply to any state- or federally-mandated services provided by the MPO for which services the MPO does not receive any compensation from Municipality beyond Municipality's annual contribution to the MPO;
- 6.7.2.2. May be waived by the County Administrator in connection with any Surtax-Funded Project for which the County Administrator determines, in his or her sole discretion, that such waiver is in the best interest of Broward County for reasons including, but not limited to, that such waiver would permit the performance of services reasonably necessary to obtain significant state or federal matching funds in connection with any project or proposed project. No such waiver shall be effective unless approved by the County Administrator in writing; and
- 6.7.2.3. Do not prohibit or in any way impede the ability of Municipality to contract with any entity other than the MPO for transportation planning services whether or not such services are in connection with any Surtax-Funded Project.

The Parties agree that any violation of the Contracting Prohibitions will constitute a material breach of this Agreement which, in addition to all other remedies available to County under this Agreement, would permit County to terminate this Agreement, withhold all funds otherwise payable to Municipality under this Agreement, and require Municipality to repay County in full for any funds previously paid by County under this Agreement.

6.8. Sale, Transfer, or Disposal of Surtax-Funded Property. Municipality shall not sell or otherwise transfer or dispose of its title, rights, or interests, or any portion thereof, in real property, facilities, or equipment, funded in any part by County under this Agreement, without prior written approval from County. If a sale, transfer, or disposal occurs in violation of this section, unless otherwise agreed in writing by the Parties, Municipality shall pay County, within ninety (90) days after the sale, transfer, or disposal, an amount equal to the greater of County's

share of the fair market value or the straight line depreciated value of the improvements plus land value. "County's share of the fair market value" as used herein means the percentage of surtax funding in the Project multiplied by the best obtainable price for the item, and the resulting product then reduced by reasonable sales costs. If the property has never been used for the intended purpose of the Project, Municipality shall pay the greater of County's share of the fair market value or the entire amount of surtax funding provided for the Project.

6.9. Affirmation of MPO Prioritization and Ranking Process. Municipality acknowledges that the prioritization and ranking process of municipal capital projects for fiscal year 2020 was completed in compliance with all applicable obligations of County and the MPO; and was informed by each project's ability to alleviate traffic congestion and improve connectivity, as well as shovel-readiness, construction work planned in the vicinity of a proposed project, corridor delivery timing, and other existing conditions that allow surtax revenues to be utilized responsibly, efficiently, and with the least interruption to residents and businesses. Municipality hereby waives and releases any and all claims it has or may have that accrued at any time prior to the effective date of this Agreement, which claims, in any way, relate to, result from, or are in connection with the prioritization and ranking process of municipal capital projects for fiscal year 2020 or the County's funding decisions related thereto. Municipality agrees and stipulates that the MPO prioritization and ranking process for fiscal year 2020 was proper and consistent with the applicable interlocal agreements and that the County is not, as of the effective date of this agreement, in breach or default of any provision of any applicable interlocal agreement relating in any way to expenditure of transportation surtax proceeds.

## **ARTICLE 7. INDEMNIFICATION**

Municipality shall indemnify, hold harmless, and defend County and all of County's current, past, and future officers, agents, servants, and employees (collectively, "Indemnified Party") from and against any and all causes of action, demands, claims, losses, liabilities, and expenditures of any kind, including attorneys' fees, court costs, and expenses, including through the conclusion of any appellate proceedings, raised or asserted by any person or entity not a party to this Agreement, and caused or alleged to be caused, in whole or in part, by any intentional, reckless, or negligent act or omission of Municipality, its officers, employees, agents, or servants, arising from, relating to, or in connection with this Agreement (collectively, a "Claim"). If any Claim is brought against an Indemnified Party, Municipality shall, upon written notice from County, defend each Indemnified Party against each such Claim by counsel satisfactory to County or, at County's option, pay for an attorney selected by the County Attorney to defend the Indemnified Party. The obligations of this section shall survive the expiration or earlier termination of this Agreement. If considered necessary by the Contract Administrator and the County Attorney, any sums due Municipality under this Agreement may be retained by County until all Claims subject to this indemnification obligation have been settled or otherwise resolved. Any amount withheld shall not be subject to payment of interest by County.

## ARTICLE 8. AUDITING

8.1. Audit Rights and Retention of Records. County shall have the right to audit the books, records, and accounts of Municipality, Contractor, Consultant, and Subcontractors (the “Audited Entities”) that are related to the Project or this Agreement (the “Contract Records”). Audits, reviews, monitoring, inspections, and investigations conducted pursuant to this Agreement may include, but are not limited to, on-site visits by County staff, interviews of staff of any of the Audited Entities, review of performance and financial reports, determining and monitoring appropriate corrective action, and issuing management letters on deficiencies or weaknesses identified. Audited Entities shall fully comply and cooperate with any auditing and monitoring activities deemed appropriate by County.

Audited Entities shall keep such books, records, and accounts as may be necessary in order to record complete and correct entries related to this Agreement and performance under this Agreement. All such books, records, and accounts shall be kept in written form, or in a form capable of conversion into written form within a reasonable time, and upon request by the Contract Administrator to do so, Audited Entities shall make same available in written form at no cost to County.

Contract Records include any and all information, materials, and data of every kind and character, including without limitation, records, books, papers, documents, subscriptions, recordings, agreements, purchase orders, leases, contracts, commitments, arrangements, notes, daily diaries, drawings, receipts, vouchers, and memoranda, and any and all other documents that pertain to rights, duties, obligations, or performance relating to the Project. Contract Records include hard copy and electronic records, written policies and procedures, time sheets, payroll records and registers, cancelled payroll checks, estimating work sheets, correspondence, invoices and related payment documentation, general ledgers, insurance rebates and dividends, and any other records pertaining to rights, duties, obligations, or performance relating to the Project of any of the Audited Entities.

Audited Entities shall preserve and make available, at reasonable times within Broward County, Florida, for examination and audit, all financial records, supporting documents, statistical records, and any other documents pertinent to the Project or this Agreement until the later of five (5) years after expiration or termination of this Agreement, resolution of any audit findings, or as otherwise required by law. Any audit or inspection pursuant to this section may be performed by any County representative (including any outside representative engaged by County) or the Oversight Board. The Project and all expenditures relating to the Project shall be subject to the Oversight Board’s review, critique, and analysis for the duration of the Project.

Any incomplete or incorrect entry in such books, records, and accounts shall be a basis for County’s disallowance and recovery of any payment made or based upon such entry. If an audit or inspection in accordance with this section discloses overpricing or overcharges to County of any nature in excess of five percent (5%) of the total contract billings reviewed by County, the reasonable actual cost of County’s audit shall be reimbursed to County by Municipality in addition to any required adjustments for the overcharges. Any adjustments or payments due as a result



of such audit or inspection shall be made by Municipality to County within thirty (30) days after presentation of County's findings to Municipality.

Municipality shall ensure that the requirements of this section are included in all agreements with any other Audited Entity. Municipality shall further include in its contract with Contractor and its contract with Consultant the following provision:

"If an audit inspection or examination in accordance with this provision discloses overpricing or overcharges to Municipality (of any nature) by the contractor or the contractor's subcontractors in excess of five percent (5%) of the total contract billings reviewed, the reasonable actual cost of any audit conducted by or on behalf of Municipality, Broward County, or the Independent Transportation Surtax Oversight Board shall be reimbursed by contractor to the Municipality or Broward County, as applicable, along with any required adjustments for the overpricing or overcharges. Any adjustments or payments that must be made as a result of any such audit or inspection of the contractor's invoices or records shall be made within a reasonable amount of time (not to exceed 30 days) after presentation of the audit findings to contractor."

**8.2. Performance Audit.** The Project, and all funding received, maintained, or expended by Municipality for the Project, shall be subject to audits and reviews by the Oversight Board at its expense (and subject to reimbursement pursuant to this article) for the duration of the Project and continuing until five (5) years after the later of completion of the project, expiration or termination of this Agreement, or resolution of any audit findings. Municipality shall fully cooperate and provide any and all requested Contract Records as may be requested by the Oversight Board. The Project and all funds received, maintained, or expended relating to the Project shall be subject to the Oversight Board's review, critique, and analysis for the duration of the Project.

## **ARTICLE 9. TERMINATION**

**9.1.** This Agreement may be terminated for cause by the aggrieved Party if the Party in breach has not corrected the breach within thirty (30) days after receipt of written notice from the aggrieved Party identifying the breach. This Agreement may also be terminated by the Board upon sixty (60) days' prior written notice if the Board determines that the Project cannot be funded with surtax funding under applicable law, including Section 212.055, Florida Statutes. This Agreement may be immediately terminated by written notice by the County Administrator if the transportation surtax is determined by a court of competent jurisdiction to be invalid, void, or illegal.

**9.2.** This Agreement may be terminated for cause by County for reasons including, but not limited to, any of the following:

**9.2.1.** Inability of Municipality, including through Contractor or Consultant, to perform or complete the Project in compliance with this Agreement, including the Project



Schedule (including any extensions approved by Contract Administrator, approval of which shall not be unreasonably withheld);

9.2.2. Repeated submission (whether negligent or intentional) for payment of false or incorrect invoices;

9.2.3. Fraud, misrepresentation, or material misstatement in the performance of this Agreement or the Project by Municipality, Contractor, or Consultant;

9.2.4. Contractor's or Consultant's act or omission that violates any applicable requirement of Section 1-81, Broward County Code of Ordinances; or

9.2.5. Utilization of the funding provided by County under this Agreement in a manner that violates applicable law or for uses or purposes that are not permitted uses for transportation surtax funds under Section 212.055, Florida Statutes.

9.3. Notice of termination shall be provided in accordance with the "Notices" section of this Agreement.

9.4. If this Agreement is terminated by County, Municipality shall be paid from proceeds of the surtax levied pursuant to Section 212.055, Florida Statutes, if funding is available, for any work on the Project properly performed through the termination date specified in the written notice of termination, subject to any right of County to retain any sums otherwise due and payable.

9.5. In addition to any right of termination stated in this Agreement, County and Municipality shall be entitled to seek any and all available remedies, whether stated in this Agreement or otherwise available at law or in equity, all such remedies being cumulative.

9.6. Municipality may terminate this Agreement upon thirty (30) days' prior written notice to County if Municipality determines not to proceed with the Project and either (a) the written notice of termination is provided prior to Municipality's receipt of any funding from County under this Agreement, or (b) prior to the effective date of termination, Municipality returns all funding received from County under this Agreement, including any interest earned by Municipality on any funds provided by County under this Agreement.

## **ARTICLE 10. EQUAL EMPLOYMENT OPPORTUNITY AND CBE COMPLIANCE**

10.1. No Party may discriminate on the basis of race, color, sex, religion, national origin, disability, age, marital status, political affiliation, sexual orientation, pregnancy, or gender identity and expression in the performance of this Agreement. Municipality shall include the foregoing or similar language in its contracts with Contractor and Consultant, and shall require inclusion of the foregoing or similar language in their contracts with Subcontractors, except that any project assisted by the U.S. Department of Transportation funds shall comply with the nondiscrimination requirements in 49 C.F.R. Parts 23 and 26.

10.2. Unless otherwise approved in advance in writing by County's Director of Office of Economic and Small Business Development ("OESBD"), Municipality shall comply with all applicable requirements of the County Business Opportunity Act, Section 1-81, et seq., Broward County Code of Ordinances, in the award and administration of any contract or agreement regarding the Project. Failure by Municipality to carry out any of the requirements of this article shall constitute a material breach of this Agreement, which shall permit County to terminate this Agreement or exercise any other remedy provided under this Agreement, the Broward County Code of Ordinances, the Broward County Administrative Code, or under other applicable law, all such remedies being cumulative.

10.3. Unless otherwise approved in advance in writing by County's Director of OESBD, Municipality will meet the required CBE goal for the Project by utilizing (or requiring the utilization of) CBE firms for at least thirty five percent (35%) of total Project costs, except that no CBE commitment shall apply to agreements that are subject to other participation goals (e.g., federal DBE program or SBE reserves), agreements that are expressly exempt from the County's Procurement Code, agreements that are otherwise ineligible by state or federal law, and agreements to which goals are not assigned by the County (e.g., sole source, sole brand, and emergency agreements) (the "Commitment").

10.4. Each CBE firm utilized to meet the Commitment must be certified by OESBD. Municipality shall inform County immediately when a CBE firm is not able to perform or if Municipality believes the CBE firm should be replaced for any other reason, so that OESBD may review and verify the good faith efforts of Municipality to substitute the CBE firm with another CBE firm, as applicable. Whenever a CBE firm is terminated for any reason, Municipality shall provide written notice to OESBD and, upon written approval of the Director of OESBD, shall substitute another CBE firm in order to meet the CBE goal, unless otherwise provided in this Agreement or agreed in writing by the Parties. Such substitution shall not be required if the termination results from modification of the Project and no CBE firm is available to perform the modified Project; in which event, Municipality shall notify County, and OESBD may adjust the Commitment by written notice to Municipality. Municipality shall not terminate a CBE firm for convenience without County's prior written consent, which consent shall not be unreasonably withheld.

10.5. Municipality shall include the following provision in its contract with Contractor:

"The parties stipulate that if Contractor fails to meet the CBE utilization obligation in the Interlocal Agreement between Municipality and Broward County (the "Commitment"), the damages to Broward County and Municipality arising from such failure are not readily ascertainable at the time of contracting. If Contractor fails to meet the Commitment and Broward County determines, in the sole discretion of the OESBD Program Director, that Contractor failed to make Good Faith Efforts (as defined in Section 1-81, Broward County Code of Ordinances) to meet the Commitment, Contractor shall pay Municipality liquidated damages in an amount equal to fifty percent (50%) of the actual dollar amount by which Contractor failed to achieve the Commitment, up to a maximum amount of ten percent (10%) of the total contract amount excluding costs and reimbursable expenses.

An example of this calculation is stated in Section 1-81.7, Broward County Code of Ordinances. As elected by Broward County, such liquidated damages amount shall be either credited against any amounts due Contractor from Municipality, or must be paid by Municipality to Broward County within thirty (30) days after written demand by Broward County. Any failure to meet the Commitment attributable solely to force majeure, changes to the Project, or inability to substitute a CBE Subcontractor where the OESBD Program Director has determined that such inability is due to no fault of Contractor, shall not be deemed a failure by Contractor to meet the Commitment.”

10.6. Municipality shall require Contractor and Consultant to provide written monthly reports to the Municipality and the Contract Administrator no later than ten (10) business days after the end of the month regarding Contractor’s and Consultant’s compliance with the Commitment stated in this article. In addition, Municipality shall require Contractor and Consultant to allow County to engage in onsite reviews to monitor Contractor’s and Consultant’s progress in achieving the Commitment and maintaining the applicable contractual and CBE obligations.

## **ARTICLE 11. MISCELLANEOUS**

11.1. Contract Administrator Authority; Dispute Resolution; Escalation. The Contract Administrator is authorized to coordinate and communicate with Municipality to manage and supervise the performance of this Agreement. Any determination by the Contract Administrator that this Agreement authorizes the Contract Administrator to make shall be binding on the Parties. Unless expressly stated otherwise in this Agreement or otherwise set forth in an applicable provision of the Broward County Procurement Code, Broward County Code of Ordinances, or Broward County Administrative Code, the Contract Administrator may exercise any ministerial authority in connection with the day-to-day management of this Agreement. In the event of a dispute regarding the performance of this Agreement, both Parties stipulate and agree to expedited dispute resolution procedures as follows: if either Party provides notice of a dispute that the respective staff have failed to resolve despite diligent good faith efforts, the Contract Administrator and the Project Manager (or other appropriate representative(s) designated by County or Municipality, respectively) shall meet in person or via videoconference within ten (10) business days and attempt in good faith to resolve the dispute and report potential resolutions to their respective governing bodies for consideration; if either Party thereafter provides written notice of impasse, the Mayors or Vice-Mayors of the County and Municipality shall meet in person or via videoconference within ten (10) business days and attempt in good faith to resolve the dispute and report potential resolutions to their respective governing bodies for consideration; any resolution must be approved by the governing bodies of both Parties to be effective. If either Party thereafter provides written notice of impasse, either Party may proceed to seek any available judicial remedies and the Parties agree and stipulate that the requirements of Chapter 164 shall be deemed fully met and both Parties waive and agree not to assert any defense based upon failure to fully comply with the intergovernmental dispute resolution proceedings otherwise required under Chapter 164.

**11.2. Public Records.** The Parties agree and stipulate that both Parties are subject to Florida public records laws and shall fully comply with same. At the request of County, Municipality shall, in accordance with applicable law, respond to any request for public records received by County relating to the Project. Any other public records request shall be responded to by the receiving party. Each Party shall cooperate upon request by the other Party and provide any requested records to enable the Party to respond to a public records request.

Any material submitted to County that Municipality, Contractor, or Consultant contends constitutes or contains trade secrets or is otherwise exempt from production under Florida public records laws (including Chapter 119, Florida Statutes) (“Trade Secret Materials”) must be separately submitted and conspicuously labeled “EXEMPT FROM PUBLIC RECORD PRODUCTION – TRADE SECRET.” In addition, Municipality, Contractor, or Consultant, as applicable, must, simultaneous with the submission of any Trade Secret Materials, provide a sworn affidavit from a person with personal knowledge attesting that the Trade Secret Materials constitute trade secrets under Section 812.081, Florida Statutes, and stating the factual basis for same. If a third party submits a request to County for records designated by Municipality, Contractor, or Consultant as Trade Secret Materials, County shall refrain from disclosing the Trade Secret Materials, unless otherwise ordered by a court of competent jurisdiction or authorized in writing by Municipality, Contractor, or Consultant, as applicable. Municipality shall indemnify and defend, and shall require Contractor and Consultant to indemnify and defend, County and its employees and agents from any and all claims, causes of action, losses, fines, penalties, damages, judgments and liabilities of any kind, including attorneys’ fees, litigation expenses, and court costs, relating to the nondisclosure of any Trade Secret Materials in response to a public records request by a third party.

**11.3. Independent Contractor.** Nothing in this Agreement constitutes or creates a partnership, joint venture, or any other relationship between the Parties or any Party and Contractor, Consultant, or any Subcontractor. Neither Party nor its agents shall act as officers, employees, or agents of the other Party. Neither Party shall have the right to bind the other Party to any obligation not expressly undertaken by that Party under this Agreement.

**11.4. Sovereign Immunity.** Except to the extent sovereign immunity may be deemed to be waived by entering into this Agreement, nothing herein is intended to serve as a waiver of sovereign immunity by County or Municipality, nor shall anything included herein be construed as consent by County or Municipality to be sued by third parties in any matter arising out of this Agreement. County and Municipality are subdivisions of the State of Florida, as defined in Section 768.28, Florida Statutes, and shall be responsible for the negligent or wrongful acts or omissions of their respective employees pursuant to Section 768.28, Florida Statutes.

**11.5. Third-Party Beneficiaries.** Neither Municipality nor County intends to directly or substantially benefit a third party by this Agreement. Therefore, the Parties acknowledge that there are no third-party beneficiaries to this Agreement and that no third party shall be entitled to assert a right or claim against either of them based upon this Agreement.

11.6. Notices. In order for a notice to a Party to be effective under this Agreement, notice must be sent via U.S. first-class mail, hand delivery, or commercial overnight delivery, each with a contemporaneous copy via email, to the addresses listed below and shall be effective upon mailing or hand delivery (provided the contemporaneous email is also sent). The addresses for notice shall remain as set forth in this section unless and until changed by providing notice of such change in accordance with the provisions of this section.

FOR COUNTY:

Broward County Administrator  
Attn: Monica Cepero  
115 South Andrews Avenue, Room 409  
Fort Lauderdale, Florida 33301  
Email address: mcepero@broward.org

*With a copy to:*

Broward County Attorney's Office:  
Attn: Angela J. Wallace  
115 South Andrews Avenue, Room 423  
Fort Lauderdale, Florida 33301  
Email address: ajwallace@broward.org

FOR MUNICIPALITY:

Greg Chavarria, City Manager  
100 North Andrews Avenue  
Fort Lauderdale, FL 33301  
Email address: gchavarria@fortlauderdale.gov

11.7. Assignment. Neither this Agreement nor any right or interest in it may be assigned, transferred, subcontracted, or encumbered by Municipality without the prior written consent of County. Any assignment, transfer, encumbrance, or subcontract in violation of this section shall be void and ineffective, constitute a breach of this Agreement, and permit County to immediately terminate this Agreement, in addition to any other remedies available to County at law or in equity, all such remedies being cumulative.

11.8. Materiality and Waiver of Breach. Each requirement, duty, and obligation set forth in this Agreement was bargained for at arm's-length and is agreed to by the Parties. Each requirement, duty, and obligation set forth in this Agreement is substantial and important to the formation of this Agreement, and each is, therefore, a material term of this Agreement. County's or Municipality's failure to enforce any provision of this Agreement shall not be deemed a waiver of such provision or modification of this Agreement. A waiver of any breach of a provision of this Agreement shall not be deemed a waiver of any subsequent breach and shall not be construed to be a modification of the terms of this Agreement. To be effective, any waiver must be in writing signed by an authorized signatory of the Party granting the waiver.

**11.9. Compliance with Laws.** Municipality and the Project must comply with all applicable federal, state, and local laws, codes, ordinances, rules, and regulations including, without limitation, Americans with Disabilities Act, 42 U.S.C. § 12101, Section 504 of the Rehabilitation Act of 1973, and any related federal, state, or local laws, rules, and regulations.

**11.10. Representation of Authority.** The Parties represent and warrant that this Agreement constitutes the legal, valid, binding, and enforceable obligation of each Party, that execution of this Agreement is within each Party's legal powers, and that each individual executing this Agreement is duly authorized by all necessary and appropriate action to do so on behalf of that Party and does so with full legal authority.

**11.11. Severability.** If any part of this Agreement is found to be unenforceable by any court of competent jurisdiction, that part shall be deemed severed from this Agreement and the balance of this Agreement shall remain in full force and effect.

**11.12. Joint Preparation.** This Agreement has been jointly prepared by the Parties, and shall not be construed more strictly against either Party.

**11.13. Interpretation.** The titles and headings contained in this Agreement are for reference purposes only and shall not in any way affect the meaning or interpretation of this Agreement. All personal pronouns used in this Agreement shall include any other gender, and the singular shall include the plural, and vice versa, unless the context otherwise requires. Terms such as "herein," "hereof," "hereunder," and "hereinafter" refer to this Agreement as a whole and not to any particular sentence, paragraph, or section where they appear, unless the context otherwise requires. Whenever reference is made to a section or article of this Agreement, such reference is to the section or article as a whole, including all of the subsections of such section, unless the reference is made to a particular subsection or subparagraph of such section or article. Any reference to "days" means calendar days, unless otherwise expressly stated.

**11.14. Priority of Provisions.** Unless otherwise expressly stated in this Agreement, if there is a conflict or inconsistency between any term, statement, requirement, or provision of any document or exhibit attached to, referenced by, or incorporated in this Agreement and any provision of Articles 1 through 11 of this Agreement, the provisions contained in Articles 1 through 11 shall prevail and be given effect. In the event of a conflict between this Agreement and the Transportation System Surtax Interlocal Agreement, executed by County on August 29, 2018, as amended, the provisions of this Agreement shall prevail and be given effect.

**11.15. Law, Jurisdiction, Venue, Waiver of Jury Trial.** This Agreement shall be interpreted and construed in accordance with and governed by the laws of the State of Florida. The exclusive venue for any lawsuit arising from, related to, or in connection with this Agreement shall be in the state courts of the Seventeenth Judicial Circuit in and for Broward County, Florida. If any claim arising from, related to, or in connection with this Agreement must be litigated in federal court, the exclusive venue for any such lawsuit shall be in the United States District Court or United States Bankruptcy Court for the Southern District of Florida. **BY ENTERING INTO THIS**



**AGREEMENT, EACH OF MUNICIPALITY AND COUNTY HEREBY EXPRESSLY WAIVES ANY RIGHTS IT MAY HAVE TO A TRIAL BY JURY OF ANY CIVIL LITIGATION RELATED TO THIS AGREEMENT.**

**11.16. Amendments.** Except as otherwise provided in this Agreement, no modification, amendment, or alteration in the terms or conditions contained in this Agreement shall be effective unless contained in a written document prepared with the same or similar formality as this Agreement and executed by duly authorized representatives of County and Municipality.

**11.17. Prior Agreements.** This Agreement represents the final and complete understanding of the Parties regarding the subject matter and supersedes all prior and contemporaneous negotiations and discussions regarding that subject matter. There is no commitment, agreement, or understanding concerning the subject matter of this Agreement that is not contained in this written document.

**11.18. Payable Interest**

**11.18.1. Payment of Interest.** County shall not be liable to pay any interest to Municipality for any reason, whether as prejudgment interest or for any other purpose, and in furtherance thereof Municipality waives, rejects, disclaims, and surrenders any and all entitlement it has or may have to receive interest in connection with a dispute or claim arising from, related to, or in connection with this Agreement. This subsection shall not apply to any claim for interest, including for post-judgment interest, if such application would be contrary to applicable law.

**11.18.2. Rate of Interest.** If the preceding subsection is inapplicable or is determined to be invalid or unenforceable by a court of competent jurisdiction, the annual rate of interest payable by County under this Agreement, whether as prejudgment interest or for any other purpose, shall be, to the full extent permissible under applicable law, one quarter of one percent (0.25%) simple interest (uncompounded).

**11.19. Incorporation by Reference.** Any and all Recital clauses stated above are true and correct and are incorporated in this Agreement by reference. The attached exhibits are incorporated into and made a part of this Agreement.

**11.20. Prevailing Wage Requirement.** If construction work in excess of Two Hundred Fifty Thousand Dollars (\$250,000.00) is required of, or undertaken by, Municipality as a result of this Agreement, Section 26-5, Broward County Code of Ordinances, as amended from time to time, shall be deemed to apply to such construction work. Municipality shall ensure Contractor fully complies with the requirements of such ordinance and satisfies, complies with, and completes the required forms as set forth in the Surtax-Funded Projects Form Construction Contract or such other contract as is approved pursuant to this Agreement.

**11.21. Counterparts and Multiple Originals.** This Agreement may be executed in multiple originals, and may be executed in counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one and the same agreement.



**11.22. Living Wage Requirement.** To the extent Contractor is a “covered employer” within the meaning of the Broward County Living Wage Ordinance, Sections 26-100 through 26-105, Broward County Code of Ordinances, Municipality shall include in its written agreement with Contractor that Contractor agrees to and shall pay to all of its employees providing “covered services,” as defined in the ordinance, a living wage as required by such ordinance, and shall fully comply with the requirements of such ordinance, and that Contractor shall ensure all of its Subcontractors that qualify as “covered employers” fully comply with the requirements of such ordinance.

**11.23. Workforce Investment Program.** Municipality acknowledges the Broward Workforce Investment Program, Section 19.211, Broward County Administrative Code (“Workforce Investment Program”). Municipality shall include in its contract with Contractor the requirements of the Workforce Investment Program and Contractor’s agreement to use good faith efforts to meet the First Source Referral Goal and the Qualifying New Hires Goal as set forth in the Workforce Investment Program, including by (a) publicly advertising exclusively with CareerSource Broward for at least five (5) business days any vacancies that are the direct result of this Agreement (whether those vacancies are with Municipality or its Subcontractors) and using good faith efforts to interview any qualified candidates referred under the Workforce Investment Program, and (b) using good faith efforts to hire Qualifying New Hires, as defined by the Workforce Investment Program, for at least fifty percent (50%) of the vacancies that are the direct result of this Agreement.

**11.24. Polystyrene Food Service Articles.** If the Project is on County property, Municipality shall include in its contract with Contractor the requirements of the prohibition on the use or sale of expanded polystyrene products (e.g., Styrofoam) or single-use plastic beverage straws or stirrers on County property as set forth in Section 27.173, Broward County Administrative Code.

**11.25. Survivability.** Notwithstanding any expiration or termination of this Agreement, the following provisions shall survive expiration and termination: Section 3.2 (Municipal Responsibility for the Project); Section 5.6 (Overpayments; Refunds); Article 6 (Transportation Surtax Project Coordination and Participation); Article 7 (Indemnification); Article 8 (Auditing); Section 11.2 (Public Records); Section 11.15 (Law, Jurisdiction, Venue, Waiver of Jury Trial); and Section 11.18 (Payable Interest).

**11.26. Approvals.** To be effective, any approval under this Agreement made by or on behalf of the County, County Administrator, Contract Administrator, Project Manager, or other representative of either Party must be in writing.

(The remainder of this page is intentionally blank.)

IN WITNESS WHEREOF, the Parties hereto have made and executed this Agreement: BROWARD COUNTY, through its BOARD OF COUNTY COMMISSIONERS, signing by and through its County Administrator, authorized to execute same by Board action on the 25<sup>th</sup> day of August, 2020, Agenda Item No. 86, and Municipality, signing by and through its Authorized Signer(s) duly authorized to execute same.

COUNTY

BROWARD COUNTY, by and through  
its County Administrator

By [Signature]  
County Administrator

12<sup>th</sup> day of December 2023

Approved as to form by  
Andrew J. Meyers  
Broward County Attorney  
Governmental Center, Suite 423  
115 South Andrews Avenue  
Fort Lauderdale, Florida 33301  
Telephone: (954) 357-7600

William J.  
By Bucciero Digitally signed by William J.  
Bucciero  
Date: 2023.12.07 15:23:32 -05'00'

William J. Bucciero (Date)  
Assistant County Attorney

Angela J. Wallace Digitally signed by Angela J.  
Wallace  
Date: 2023.12.12 12:11:35 -05'00'

By Angela J. Wallace  
Angela J. Wallace (Date)  
Transportation Surtax General Counsel



INTERLOCAL AGREEMENT BETWEEN BROWARD COUNTY AND CITY OF FORT LAUDERDALE  
FOR SURTAX-FUNDED MUNICIPAL TRANSPORTATION PROJECT:  
NW 15<sup>th</sup> AVE COMPLETE STREETS ROADWAY IMPROVEMENTS (FORT-122/162)

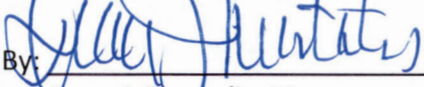
MUNICIPALITY

ATTEST:

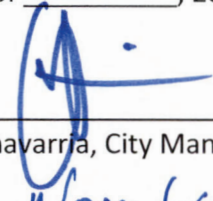
  
David R. Soloman, City Clerk



CITY OF FORT LAUDERDALE

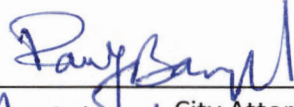
  
By: \_\_\_\_\_  
Dean J. Trantalis, Mayor

21 day of Nov, 2023

By:   
Greg Chavarria, City Manager

14<sup>th</sup> day of November, 2023

I HEREBY CERTIFY that I have approved  
this Agreement as to form and correctness  
subject to execution by the parties:

  
Sr. Assistant City Attorney

**EXHIBIT A**  
**Project Description and Project Schedule**

1. **Project:** As further detailed in the signed and sealed plans and specifications (“Scope of Work”) attached hereto as Exhibit A-1, this Project includes the following:

Complete Streets roadway safety improvements on NW 15th Avenue from Sunrise Blvd. to Mills Pond Park including crosswalks, traffic calming improvements, ADA improvements, roadway drainage improvements, concrete sidewalks within the road right-of-way, roadway signs & pavement markings, street lighting, and landscaping, as detailed in the signed, sealed construction plans dated June 15, 2023, titled “NW 15<sup>th</sup> Avenue Streetscape Project #12470” that are hereby incorporated into this agreement by reference.

The following items are not eligible for transportation surtax funding:

- Decorative lighting and road signage, brick pavers, and similar items.
- Landscaping improvements, sidewalks, bike lanes/paths, multi-use paths, ADA improvements that are not ancillary to the road improvements and within the public right of way.
- Utility system adjustments.
- A shared conduit that includes use for any purpose other than the County’s public transportation system.
- Increases to the stormwater system to accommodate a drainage area greater than the eligible size; and improvements to address runoff from private roads and/or developments.

Improvements to a public road stormwater system that address drainage deficiencies are eligible for transportation surtax funding, provided the drainage improvements only address stormwater runoff from a public roadway. A drainage analysis is required for drainage work and may include the width of the road right-of-way plus up to ten (10) feet on each side of the right-of-way to calculate the eligible size of the stormwater system.

All costs associated with work ineligible for surtax funding must be adequately and separately itemized and paid by Municipality with non-transportation surtax funds.

2. **Deliverables:**

Municipality shall provide quantifiable, measurable, and verifiable units of Deliverables as set forth below. Each Deliverable must specify the required minimum level of work to be performed

and the criteria for evaluating successful completion of the Deliverable.

**DELIVERABLES: Construction Phase**

No.	Description	Duration/Deadline	Acceptance Criteria
1	Execution of ILA between County and City	11/21/2023	ILA executed by Municipality
2	Project Construction Advertising Bid, Award, Construction Contract execution	03/20/2024	Approved Solicitation; Fully Executed Construction Agreement
3	1st Notice to Proceed (NTP)	04/05/2024	Include construction schedule, MOT and permit submittals and logs, proposed subcontractor/vendor's list and others.
4	Permitting	06/1/2024	Approved permits, MOT and Neighborhood flyer and Pre-construction meeting.
5	2nd Notice to Proceed (NTP)	07/02/2024	Include project sign, mobilization coordination, flyer distribution and others.
6	Construction Commencement	07/15/2024	Mobilization
7	30% completion	09/30/2024	Project is 30% complete, as reasonably determined by the Project Manager
8	60% completion	01/30/2025	Project is 60% complete, as reasonably determined by the Project Manager
9	Substantial Completion	03/16/2025	Includes punch list items, final inspections, and non-substantial work items
10	Final Completion	07/14/2025	Project is certified, Consultant/Engineer/PM's Notice of Acceptability presented to City, and Final Payment Issued

3. **Project Schedule:**

<b>Description</b>	<b>Deadline</b>
County and City execution of Project Specific ILA	11/07/2023
Bid Advertisement	12/05/2023
Bid Award and Construction Contract Execution	2/20/2024
1st Notice to Proceed	4/05/2024
Permitting	6/01/2024
2nd Notice to Proceed	7/02/2024
Substantial Completion	3/16/2025
Final Project Completion and Closeout	7/14/2025

## EXHIBIT A-1 Scope of Work

### DRAWING INDEX

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02	ITM-1	ITEM SHEET
03	SG-1	SIGNATURE SHEET
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05	GEN-2	GENERAL NOTES
06	KEY-1	KEY MAP
07	EC-1	EXISTING CONDITIONS PLAN
08	EC-2	EXISTING CONDITIONS PLAN
09	EC-3	EXISTING CONDITIONS PLAN
10	EC-4	EXISTING CONDITIONS PLAN
11	EC-5	EXISTING CONDITIONS PLAN
12	EC-6	EXISTING CONDITIONS PLAN
13	EC-7	EXISTING CONDITIONS PLAN
14	EC-8	EXISTING CONDITIONS PLAN
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16	DEM-2	DEMOLITION PLAN
17	DEM-3	DEMOLITION PLAN
18	DEM-4	DEMOLITION PLAN
19	DEM-5	DEMOLITION PLAN
20	DEM-6	DEMOLITION PLAN
21	DEM-7	DEMOLITION PLAN
22	DEM-8	DEMOLITION PLAN
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24	PGD-2	PAVING, GRADING AND DRAINAGE
25	PGD-3	PAVING, GRADING AND DRAINAGE
26	PGD-4	PAVING, GRADING AND DRAINAGE
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36	DET-6	DETAILS
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84	PH-6	SITE PHOTOGRAPHIC PLAN
85	PH-7	SITE PHOTOGRAPHIC PLAN



## CITY OF FORT LAUDERDALE

### PROJECT #12470 NW 15TH AVENUE IMPROVEMENTS

FORT LAUDERDALE, FLORIDA

BCTED REF NO.: 200817060

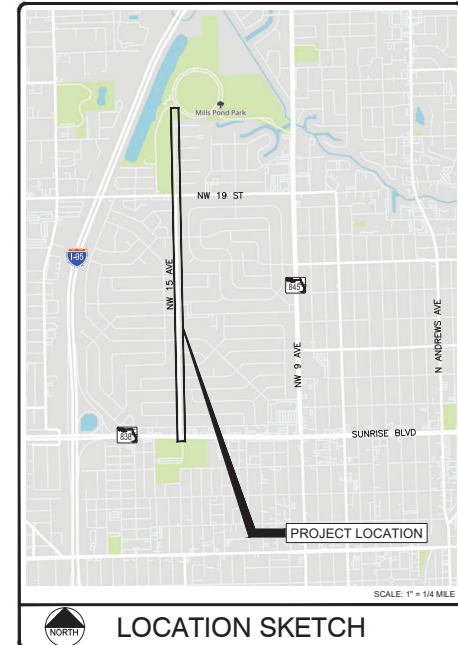
- BCTED NOTES:**
- BROWARD COUNTY TRAFFIC ENGINEERING DIVISION'S REVIEW DOES NOT INCLUDE A REVIEW AND ACCEPTANCE OF THE PROJECT'S DESIGN OR OPERATION. THESE ITEMS ARE TO BE REVIEW AND APPROVED BY THE CITY ENGINEER.
  - BROWARD COUNTY TRAFFIC ENGINEERING DIVISION DOES NOT REVIEW AND APPROVE, OR INSPECT AND ACCEPT THE FOLLOWING ITEMS FOR MAINTENANCE: PAVEMENT MARKINGS ON OR ADJACENT TO PAVED BRICKS, PAINTED ASPHALT, STAMPED ASPHALT, OR PAVEMENT MARKINGS MADE OF PAVED BRICKS, BASED INTERSECTIONS AND RELATED MARKINGS AND SIGNING, PAINTED/DECORATIVE CROSSWALKS, BASED CROSSWALKS AND RELATED MARKINGS AND SIGNING, ADVANCED WARNING PAVEMENT MARKINGS FOR SPEED TABLES, BLUNKER SIGNS, RECTANGULAR RAPID-FLASHER BEACONS AND RELATED MARKINGS AND SIGNING, GREEN BIKELANES, FLEXIBLE DELINEATORS, DECORATIVE SIGNS AND DECORATIVE SIGN POSTS, PLANTERS, ON-SITE PAVEMENT MARKINGS AND SIGNING, OFF-SITE PAVEMENT MARKINGS AND SIGNING IN THE RIGHT-OF-WAY THAT IS NOT DEDICATED FOR PUBLIC USE, SIDEWALK WORK OR ASPHALT WORK.
  - THE CITY ENGINEER IS RESPONSIBLE FOR THE REVIEW AND APPROVAL OF THE DESIGN AND OPERATION OF THE PROJECT, AND FOR THE INSPECTION AND ACCEPTANCE OF THE FOLLOWING ITEMS THAT WILL BE MAINTAINED BY THE CITY: PAVEMENT MARKINGS ON OR ADJACENT TO PAVED BRICKS, PAINTED ASPHALT, STAMPED ASPHALT OR PAVEMENT MARKINGS MADE OF PAVED BRICKS, PAVEMENT MARKINGS ON OR ADJACENT TO PAINTED ASPHALT, BASED INTERSECTIONS AND RELATED MARKINGS AND SIGNING, UNWARRANTED MID-BLOCK CROSSWALKS AND RELATED MARKINGS AND SIGNING, UNWARRANTED CROSSWALKS AND RELATED MARKINGS AND SIGNING, PAINTED/DECORATIVE CROSSWALKS, BASED CROSSWALKS AND RELATED MARKINGS AND SIGNING, ADVANCED WARNING PAVEMENT MARKINGS FOR SPEED TABLES, BLUNKER SIGNS, RECTANGULAR RAPID-FLASHER BEACONS AND RELATED MARKINGS AND SIGNING, ON-STREET PARKING AND RELATED MARKINGS AND SIGNING, IN-ROAD LIGHTING AND RELATED MARKINGS AND SIGNING, GREEN BIKELANES, FLEXIBLE DELINEATORS, DECORATIVE SIGNS AND DECORATIVE SIGN POSTS, PLANTERS, ON-SITE PAVEMENT MARKINGS AND SIGNING, OFF-SITE PAVEMENT MARKINGS AND SIGNING IN RIGHT-OF-WAY THAT IS NOT DEDICATED FOR PUBLIC USE, SIDEWALK WORK AND ASPHALT WORK.

This item has been digitally signed and sealed by PATRICK D. KAMRAH, PE, on the date adjacent to the seal.  
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copy.



Digitally signed by Patrick D. Kamrah  
Date: 2023.10.23 16:56:28-0400

SIGNATURE DATE: 10/23/2023



PROJECT #12470  
NW 15TH AVENUE IMPROVEMENTS

 **CITY OF FORT LAUDERDALE**  
TRANSPORTATION & MOB. DEPT.  
ENGINEERING & ARCHITECTURE  
100 North Andrews Avenue, Fort Lauderdale, Florida 33301

### FORT LAUDERDALE CITY COMMISSION

DEAN J. TRANTALIS	MAYOR
HEATHER MORAITIS	COMMISSIONER - DISTRICT I
STEPHEN GLASSMAN	COMMISSIONER - DISTRICT II
ROBERT L. MCKENZIE	COMMISSIONER - DISTRICT III
BEN SORENSEN	COMMISSIONER - DISTRICT IV

PROJECT MANAGER	JOB TITLE	PHONE NO.
ANDRE EUGENT, MSCM	SENIOR TRANSPORTATION MANGER TRANSPORTATION & MOBILITY	954-828-3798

DATE: 10/12/2021  
CAD FILE: 12470-COVR  
DRAWING FILE No.:

PERMIT SET



## GENERAL CONDITIONS

ITEM ID	ITEM DESCRIPTION	QUANTITY	QUANTITY UNIT
101-1	PERFORMANCE AND PAYMENT GUARANTEE AND INSURANCE	1	LS
101-1	MOBILIZATION	1	LS
102-1	MAINTENANCE OF TRAFFIC	1	LS
101-1	SURVEYING, STAKE-OUT, AND AS-BUILT DRAWINGS	1	LS

## DEMOLITION

ITEM ID	ITEM DESCRIPTION	QUANTITY	QUANTITY UNIT
110-1-1	REMOVE AND DISPOSE OF EXISTING ASPHALT	5860	SY
110-4-10	REMOVE AND DISPOSE OF EXISTING CONCRETE CURB	1165	LF
110-4-10	REMOVE AND DISPOSE OF EXISTING CONCRETE SIDEWALK	3020	SY
110-4-101	REMOVE AND DISPOSE OF EXISTING CONCRETE PAVERS	35	SY
110-3	REMOVE AND DISPOSE OF EXISTING STORM STRUCTURE	6	EA
121-70	REMOVE AND DISPOSE OF EXISTING STORM PIPE	85	LF
700-1-51	REMOVE AND RELOCATE USPS MAILBOX	1	EA
700-1-68	REMOVE AND DISPOSE OF METAL POSTS	3	EA
110-1-1	REMOVE AND DISPOSE OF HANDRAIL	1	EA
110-1-1	CLEARING AND GRUBBING	5	AC

## STORM DRAINAGE

ITEM ID	ITEM DESCRIPTION	QUANTITY	QUANTITY UNIT
430-175-115	FURNISH AND INSTALL 15-INCH HDPE PIPE	135	LF
430-175-124	FURNISH AND INSTALL 24-INCH HDPE PIPE	7	LF
425-1-201	FURNISH AND INSTALL STORM CATCH BASIN	13	EA
425-2-41	FURNISH AND INSTALL STORM MANHOLE	1	EA
443-70-6	FURNISH AND INSTALL EXFILTRATION TRENCH	15	LF
425-15-56	FURNISH AND CONCRETE APRON AROUND EX. INLET	4	EA
425-11	MODIFY EXISTING DRAINAGE STRUCTURE TOP/INVERT	1	EA

## STORMWATER POLLUTION PREVENTION

ITEM ID	ITEM DESCRIPTION	QUANTITY	QUANTITY UNIT
104-18	FURNISH, INSTALL, AND REMOVE TEMPORARY SILT FENCE	1600	LF
104-12	FURNISH, INSTALL, AND REMOVE TEMPORARY FILTER FABRIC	87	EA

## LIGHTING

ITEM ID	ITEM DESCRIPTION	QUANTITY	QUANTITY UNIT
630-2-12	FURNISH AND INSTALL CONDUIT (DIRECTIONAL DRILL)	7000	LF
635-2-30	FURNISH AND INSTALL PULL/SPICE BOX	44	EA
715-7-11	FURNISH AND INSTALL GROUNDING ELECTRODE	44	EA
715-1-13	FURNISH AND INSTALL ELECTRICAL CONDUCTOR SERVICE	21000	LF
715-7-12	REPLACE EXISTING FPL LIGHT & ARM WITH NEW LED AMERICAN ELECTRIC	32	EA
715-11-211	FURNISH AND INSTALL COMPLETE LIGHT-20' CONCRETE TENON MOUNT POLE + HOLOPHANE DOMUS/MEMPHIS LIGHT	43	EA

## ROADWAY AND SITE IMPROVEMENTS

ITEM ID	ITEM DESCRIPTION	QUANTITY	QUANTITY UNIT
285-708	FURNISH AND INSTALL COMPACTED LIMEROCK BASE	1210	SY
210-1-1	REWORK LIMEROCK BASE	2420	SY
334-1-13	FURNISH AND INSTALL 2 - 1 INCH LIFTS ASPHALTIC CONCRETE	3630	SY
520-1-10	FURNISH AND INSTALL TYPE F CURB AND GUTTER	1790	LF
520-3	FURNISH AND INSTALL DROP CURB	325	LF
522-1	FURNISH AND INSTALL CONCRETE SIDEWALK	8190	SY
522-2	FURNISH AND INSTALL CONCRETE DRIVEWAY	890	SY
711-11-101	FURNISH AND INSTALL 6" SOLID WHITE THERMOPLASTIC	895	LF
711-11-201	FURNISH AND INSTALL 6" DOUBLE YELLOW THERMOPLASTIC	750	LF
711-11-103	FURNISH AND INSTALL 12" SOLID WHITE THERMOPLASTIC	2300	LF
711-11-105	FURNISH AND INSTALL 24" SOLID WHITE THERMOPLASTIC	280	LF
711-11-160	FURNISH AND INSTALL PREFORMED THERMOPLASTIC SYMBOL	51	EA
700-1-40	FURNISH AND INSTALL SINGLE POST & SIGN	81	EA
527-2	FURNISH AND INSTALL DETECTABLE WARNING PAD	70	SY
1060-21-11	ADJUST MANHOLE/WALK/PULLBOX LID	1	AL
515-1-2	FURNISH AND INSTALL HANDRAIL	28	LF

## LANDSCAPING

ITEM ID	ITEM DESCRIPTION	ITEM QUANTITY	QUANTITY UNIT
580-9-2	REMOVE AND DISPOSE OF DICOT TREE SPECIES (HARDWOOD TREES)	16	EA
580-9-1	REMOVE AND DISPOSE OF MONOCOT TREE SPECIES (PALM TREES)	7	EA
580-9-3	ROOT PRUNING OF EXISTING TREES & PALMS	360	LF
550-10-0	TREE PROTECTION FENCING FOR EXISTING TREES	1000	LF
580-2-1	RELOCATE EXISTING MONOCOT SPECIES (PALM TREES)	3	EA
580-2-2	RELOCATE EXISTING DICOT SPECIES (HARDWOOD TREE)	0	EA
550-10-1	FURNISH AND INSTALL ROOT BARRIER	2120	EA
570-1-1	FURNISH AND ISNTALL SOD	65915	SF
580-1-1	FURNISH AND INSTALL CONOCARPUS ERECTUS 'SERICEUS'/SILVER BUTTWOOD = 10' HT, 2" DBH	13	EA
580-1-2	FURNISH AND INSTALL MYRTANTHES FRAGRANS/SIMPSON'S STOPPER = 10' HT, 2" DBH	19	EA
580-1-3	FURNISH AND INSTALL QUERCUS VIRGINIANA/LIVE OAK = 14' HT, 7" SPID, 4" DBH	18	EA
580-1-4	FURNISH AND INSTALL SENNA SURATTENSIS/GLOSSY SHOWER STOPPER = 10' HT, 2" DBH	15	EA
580-1-5	FURNISH AND INSTALL ADONIDIA MERRILLI/ADONIDIA PALM = 8' GW, TRIPLE TRUNK	8	EA
099-1-1	PAYMENT INTO TREE TRUST FUND (REMOVAL OF COCONUT PALMS)	1	EA
099-1-2	PAYMENT INTO TREE TRUST FUND (REMOVAL OF SPECIMEN TREES)	1	EA
522-11-1	FURNISH AND INSTALL BRIDGING OVER TREE ROOTS @ 10' WIDTH	876	LF

CMA DOES NOT GUARANTEE THE ABOVE LIST IS INCLUSIVE OF ALL ITEMS REQUIRED TO SUCCESSFULLY COMPLETE THE WORK PROPOSED IN THE FOLLOWING PLANS PER THE INCLUDED DETAILS AND NOTES. THE SELECTED CONTRACTOR SHALL BE RESPONSIBLE FOR ACCURATELY MEASURING ACTUAL QUANTITIES INSTALLED.

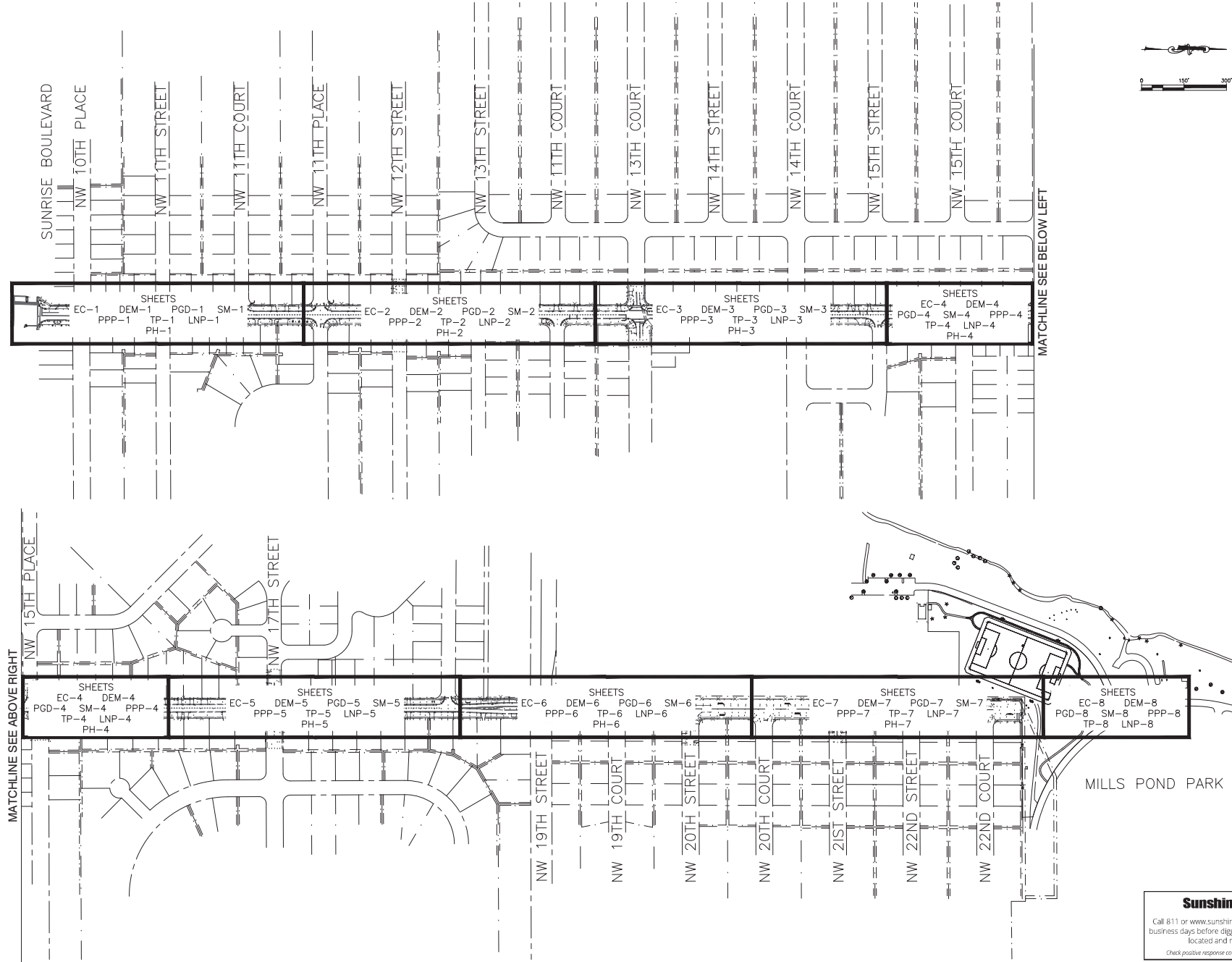
PERMIT SET

PROJECT # 12470 NW 15TH AVENUE STREETSCAPE		ITEM SHEET	
DRAWING # ITM-1		SHEET # 02	
TOTAL: 85			
CAD FILE: 12470-ITEM			
DRAWING FILE NO: 4-XXX-XX			
CITY OF FORT LAUDERDALE TRANSPORTATION & MOB. DEPT. ENGINEERING & ARCHITECTURE		100 North Andrews Avenue, Fort Lauderdale, Florida 33301	
REVISIONS		DATE	
NO.	DATE	BY	CHKD
1	11/17/2023	AA	NE
2	04/14/2024	AA	NE
3	08/12/2024	AA	NE
4	06/11/2025	AA	NE
DISTRIBUTION		COUNTY AND CITY COMMENTS	
COUNTY COMMENTS		CITY COMMENTS	
LIGHTING DESIGN			
APPROVED BY: PATRICK D. KAMMATH, P.E.		APPROVED BY: REF. TO PLAN	
DATE: 10/27/2023		DATE: 10/27/2023	
SCALE: 1"=40'-0"		SCALE: 1"=40'-0"	
FIELD BOOK:		FIELD BOOK:	





Andrews Avenue, Fort Lauderdale, Florida 33301



**Sunshine811**  
 Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
 Check positive response codes before you dig!

PERMIT SET

DRAWING #	SHEET #
KEY-1	06
TOTAL:	85
CAD FILE:	12470-KMAP
DRAWING FILE NO:	4-XXX-XX

PROJECT # 12470  
 NW 15th AVENUE STREETSCAPE

KEY MAP

NO.	DATE	BY	REVISIONS	DESCRIPTION
1	11/17/2022	AA	IN	COUNT AND CITY COMMENTS
2	04/14/2023	AA	IN	CITY COMMENTS
3	06/12/2023	AA	IN	LIGHTING REVISION
4	06/15/2023	AA	IN	

**CITY OF FORT LAUDERDALE**  
 TRANSPORTATION & MOB. DEPT.  
 ENGINEERING & ARCHITECTURE  
 100 North Andrews Avenue, Fort Lauderdale, Florida 33301

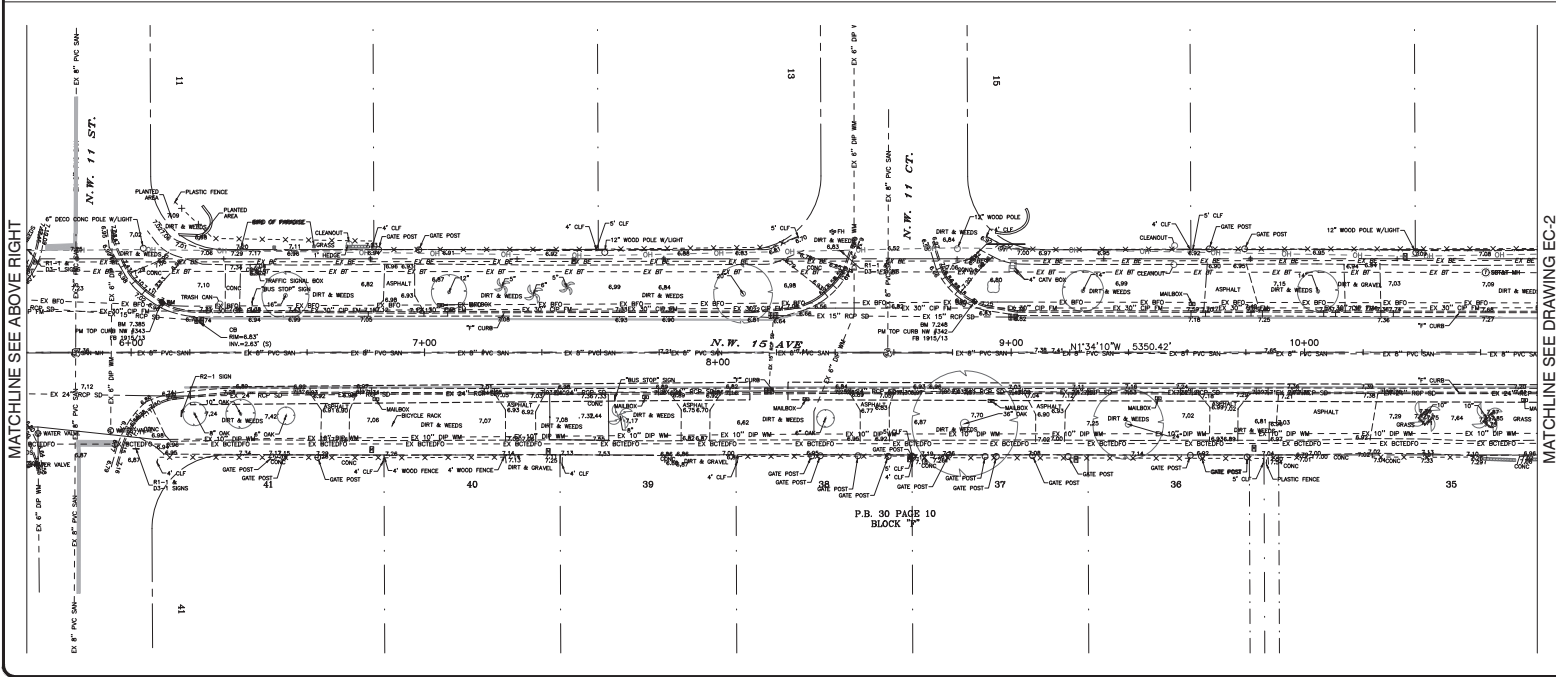
**SUBMITTER:**  
 PATRICK D. KAMMATH, P.E.  
 REG. NO. 70933  
 EXPIRATION DATE 04/27/2025

**DESIGNED BY:** NSK  
**CHECKED BY:** PDK  
**FIELD NOOK:**

**DATE:** 04/27/2023  
**SCALE:** REF. TO PLAN

**PROJECT NO.:** 12470-KMAP

Plot Date: 10/23/2023 2:30:54 PM Username: hlythc Layout Name: EC-1  
Folder Path: \\V:\projects\12470\12470-MULTI-EXST.dwg Filename: 12470-MULTI-EXST.dwg

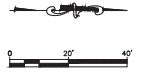


VERTICAL DATUM INFORMATION  
ALL ELEVATIONS SHOWN ARE IN NORTH  
AMERICAN VERTICAL DATUM OF 1988 (NAVD83)  
CONVERSION FACTOR  
NAVD83 = 1.872 = NAVD83 IN THIS AREA



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
Check positive response codes before you dig!

**cma**  
500 West Cypress Creek Road,  
Suite 630  
Ft. Lauderdale, FL 33309  
954-750-0707  
www.chenmoore.com  
CERTIFICATE OF AUTHORIZATION  
LC26000425



- EXISTING CONDITIONS NOTES:
1. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE DERIVED FROM DRAWING FILES PROVIDED BY THE CITY OF FORT LAUDERDALE DATED 3/30/20. ADDITIONAL INFORMATION WAS OBTAINED FROM BUT NOT LIMITED TO AS-BUILT PLANS, ATLAS RECORDS, GIS INFORMATION AND/OR RECORD DRAWINGS. DISCREPANCIES BETWEEN EXISTING CONDITIONS SHOWN IN THE PROVIDED DRAWING AND AS OBSERVED IN THE FIELD EXIST. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
  2. EXISTING UTILITIES SHOWN BASED ON UTILITY AS-BUILTS AND BEST AVAILABLE INFORMATION. CONTRACTOR TO FIELD LOCATE AND CONFIRM ALL UTILITIES, WHETHER SHOWN OR NOT, PRIOR TO ANY CONSTRUCTION & NOTIFY ENGINEER OF ANY DISCREPANCIES.
  3. ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

**PROJECT # 12470**  
**NW 15th AVENUE STREETSCAPE**

**EXISTING CONDITIONS PLAN**

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	11/17/2023	AA	COUNTY AND CITY COMMENTS
2	04/14/2024	AA	CITY COMMENTS
3	08/12/2024	AA	CITY COMMENTS
4	04/16/2025	AA	LIGHTING REVISION

**PERMIT SET**

**DRAWING #** EC-1 **SHEET #** 07

**TOTAL:** 85

**CAD FILE:** 12470-MULTI-EXST

**DRAWING FILE NO:** 4-XXX-XX

**CITY OF FORT LAUDERDALE**  
**TRANSPORTATION & MOB. DEPT.**  
**ENGINEERING & ARCHITECTURE**

100 North Andrews Avenue, Fort Lauderdale, Florida 33301

**PROJECT # 12470**  
**NW 15th AVENUE STREETSCAPE**

**EXISTING CONDITIONS PLAN**











MATCHLINE SEE DRAWING EC-4

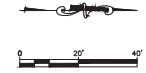
MATCHLINE SEE ABOVE RIGHT

MATCHLINE SEE BELOW LEFT

MATCHLINE SEE DRAWING EC-6



500 West Cypress Creek Road,  
Suite 630  
Ft. Lauderdale, FL 33309  
954-750-0707  
www.chenmoore.com  
CERTIFICATE OF AUTHORIZATION  
LC26000425



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2. EXISTING UTILITIES SHOWN BASED ON UTILITY AS-BUILTS AND BEST AVAILABLE INFORMATION. CONTRACTOR TO FIELD LOCATE AND CONFIRM ALL UTILITIES, WHETHER SHOWN OR NOT, PRIOR TO ANY CONSTRUCTION & NOTIFY ENGINEER OF ANY DISCREPANCIES.
3. ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1985 (NAVD 85).

VERTICAL DATUM INFORMATION  
ALL ELEVATIONS SHOWN ARE IN NORTH  
AMERICAN VERTICAL DATUM OF 1985 (NAVD85)  
CONVERSION FACTOR  
NAVD85 = +1.872 = NAVD2011 IN THIS AREA



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
Check positive response codes before you dig!

**CITY OF FORT LAUDERDALE**  
TRANSPORTATION & MOB. DEPT.  
ENGINEERING & ARCHITECTURE  
100 North Andrews Avenue, Fort Lauderdale, Florida 33301

**PROJECT # 12470**  
**NW 15TH AVENUE STREETSCAPE**

**EXISTING CONDITIONS PLAN**

**PERMIT SET**

**DRAWING # EC-5** **SHEET # 11**

**TOTAL: 85**

**CAD FILE: 12470-MULTI-EXST**

**DRAWING FILE NO. 4-XXX-XX**

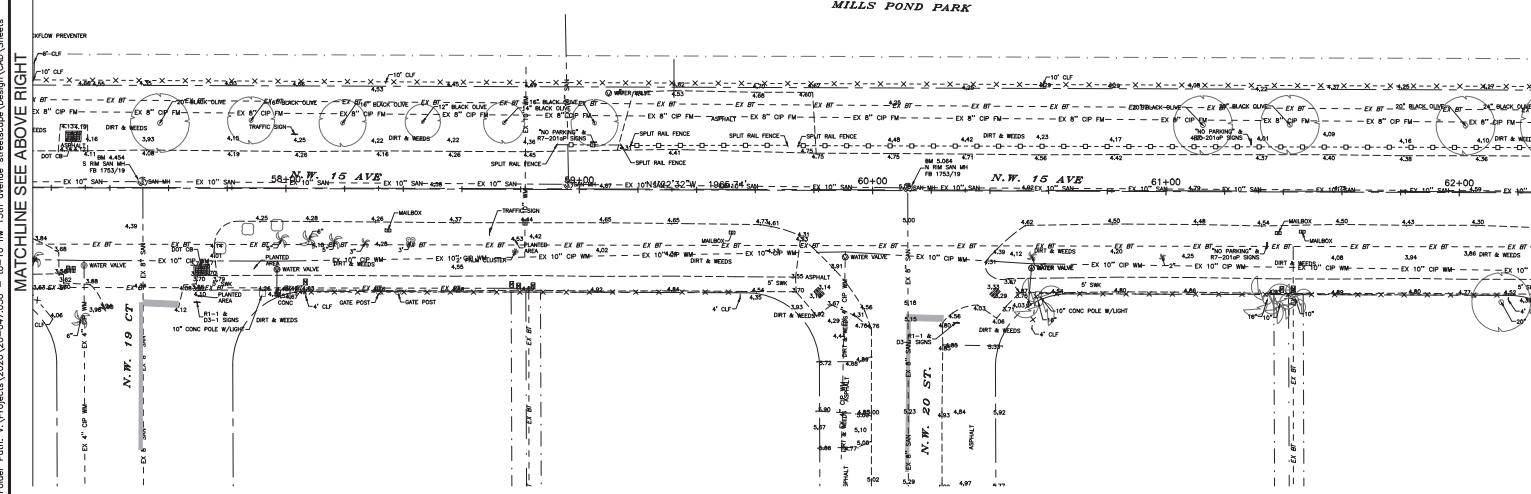
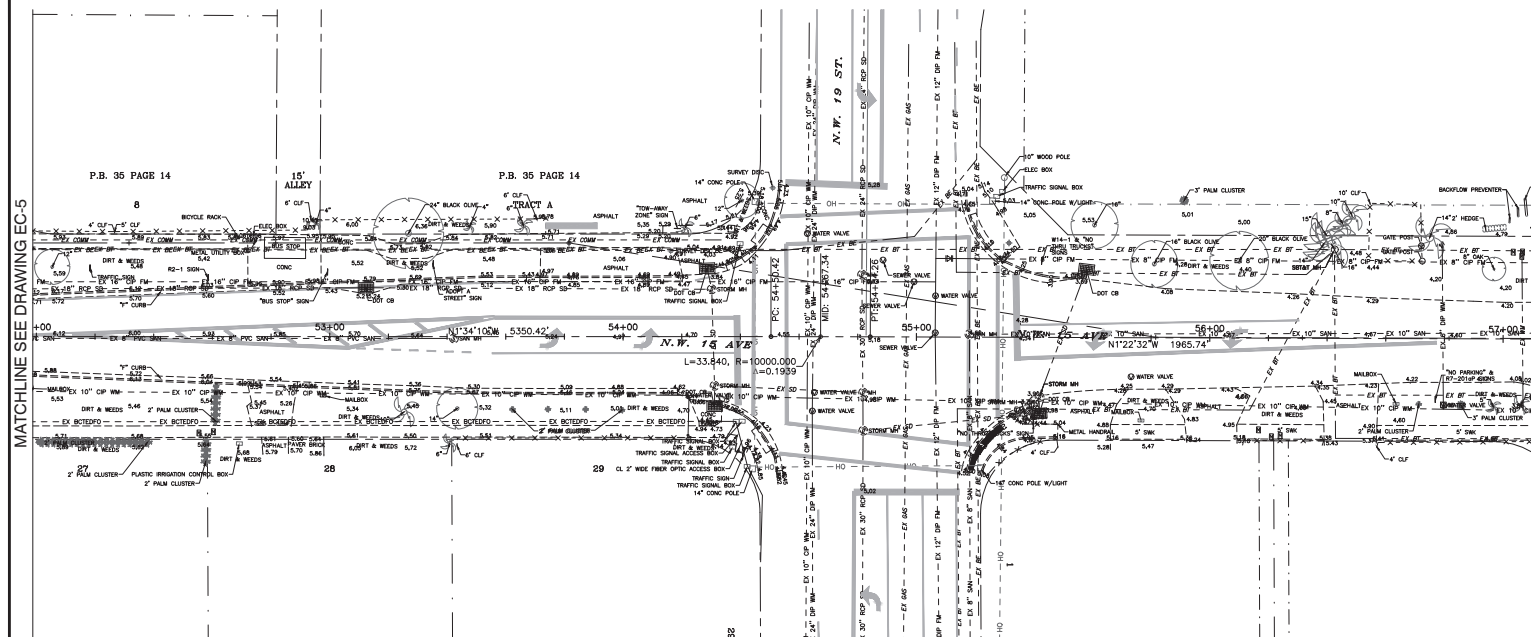
**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	11/17/2023	AA	COUNTY AND CITY COMMENTS
2	04/14/2024	AA	COUNTY COMMENTS
3	08/12/2024	AA	CITY COMMENTS
4	04/11/2025	AA	LIGHTING REVISION

**DESIGNER:** PATRICK D. JAMNIAH, P.E.  
REG. NO. 79333  
ISSUED BY: AA  
CHECKED BY: NSK  
IN CHARGE: PDK  
FIELD NO.: FIELD NO. 38300

**DATE:** 04/17/2020  
**SCALE:** 1"=20'  
**FIELD NO.:** FIELD NO. 38300

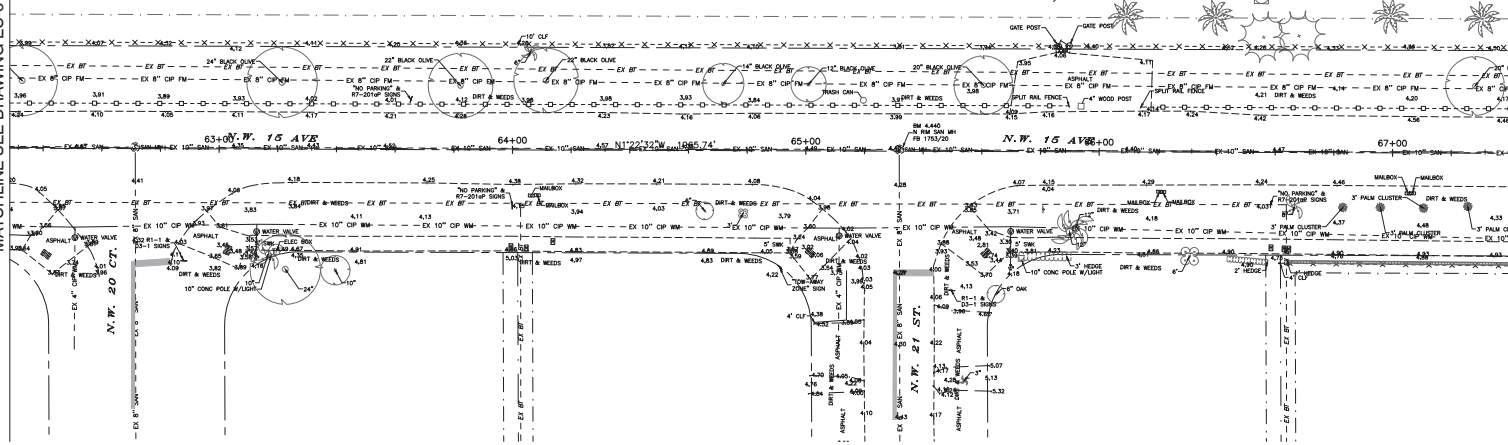
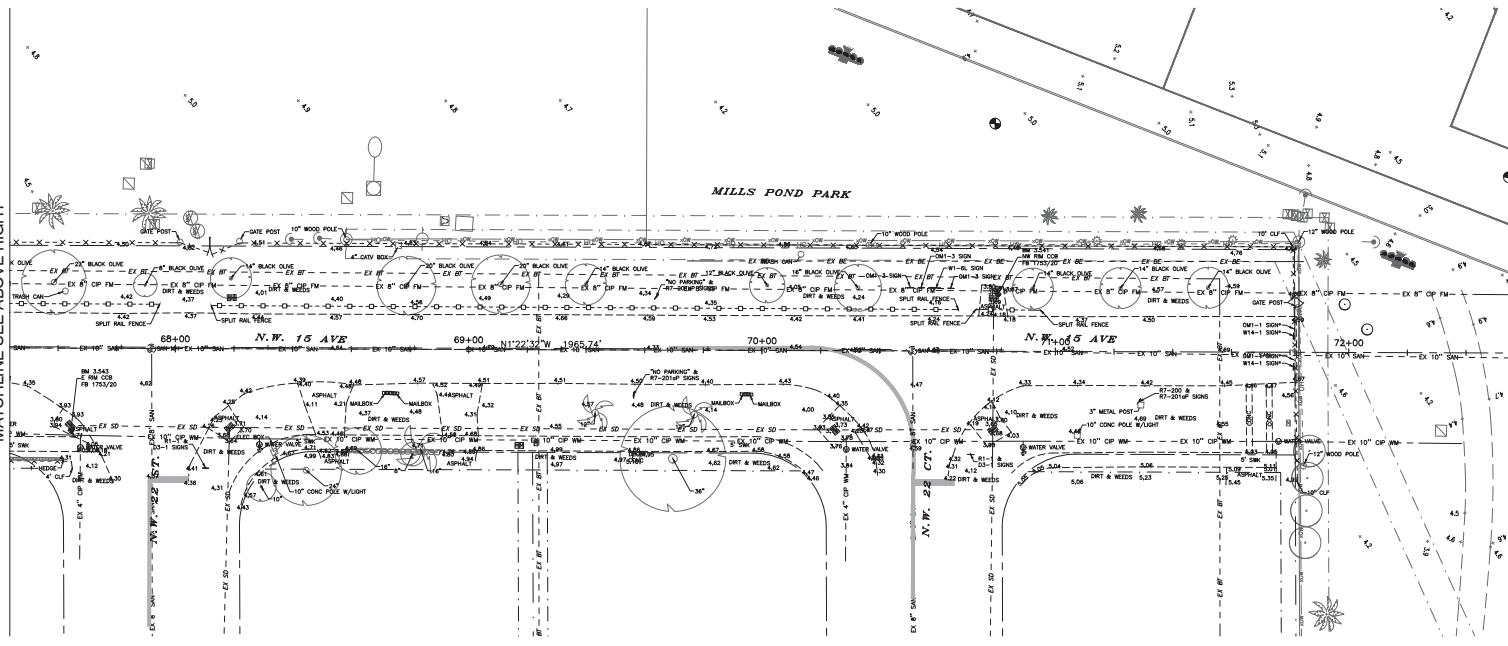




**Exhibit 1**  
**Page 40 of 90**

MATCHLINE SEE ABOVE RIGHT

MATCHLINE SEE DRAWING EC-6



MATCHLINE SEE DRAWING EC-8

MATCHLINE SEE BELOW LEFT

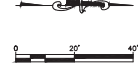
VERTICAL DATUM INFORMATION  
 ALL ELEVATIONS SHOWN ARE IN NORTH  
 AMERICAN VERTICAL DATUM OF 1988 (NAVD83)  
 CONVERSION FACTOR:  
 NAVD83 = 1.872 = 1985 IN THIS AREA

**Sunshine811**

Call 811 or www.sunshine811.com two full  
 business days before digging to have utilities  
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**cma**  
 500 West Cypress Creek Road,  
 Suite 630  
 Ft. Lauderdale, FL 33309  
 954-750-0707  
 www.chenmoore.com  
 CERTIFICATE OF AUTHORIZATION  
 LC26000425



EXISTING CONDITIONS NOTES:

1. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE DERIVED FROM DRAWING FILES PROVIDED BY THE CITY OF FORT LAUDERDALE DATED 3/30/20. ADDITIONAL INFORMATION WAS OBTAINED FROM BUT NOT LIMITED TO AS-BUILT PLANS, ATLAS RECORDS, GIS INFORMATION AND/OR RECORD DRAWINGS. DISCREPANCIES BETWEEN EXISTING CONDITIONS SHOWN IN THE PROVIDED DRAWING AND AS OBSERVED IN THE FIELD EXIST. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
2. EXISTING UTILITIES SHOWN BASED ON UTILITY AS-BUILTS AND BEST AVAILABLE INFORMATION. CONTRACTOR TO FIELD LOCATE AND CONFIRM ALL UTILITIES, WHETHER SHOWN OR NOT, PRIOR TO ANY CONSTRUCTION & NOTIFY ENGINEER OF ANY DISCREPANCIES.
3. ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

PERMIT SET

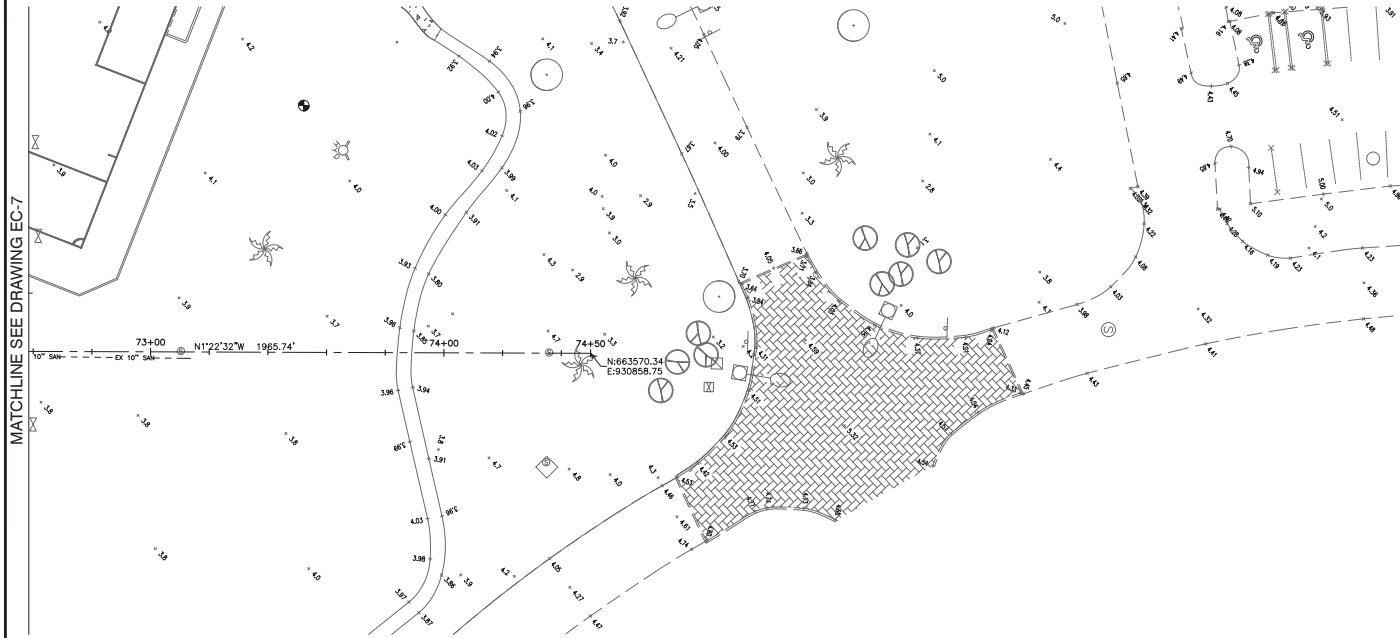
PROJECT # 12470  
 NW 15th AVENUE STREET SCAP

DRAWING # EC-7  
 SHEET # 13  
 TOTAL: 85  
 CAD FILE: 12470-MULTI-EXST  
 DRAWING FILE NO. 4-XXX-XX

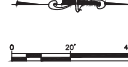
NO.	DATE	BY	DESCRIPTION
1	11/17/2023	AA	COUNTY CITY COMMENTS
2	04/14/2024	AA	COUNTY COMMENTS
3	08/12/2024	AA	CITY COMMENTS
4	04/11/2024	AA	LIGHTING REVISION

CITY OF FORT LAUDERDALE  
 TRANSPORTATION & MOB. DEPT.  
 ENGINEERING & ARCHITECTURE  
 100 North Andrews Avenue, Fort Lauderdale, Florida 33301

SUBMITTER:  
 PATRICK D. JAMALUHI, P.E.  
 REG. NO. 709335  
 EXPIRATION DATE 04/24/2025  
 DRAWN BY: AA  
 DATE: 04/22/2020  
 DESIGNED BY: AA  
 NSK  
 1"=20'  
 CHECKED BY: PDK  
 FIELD NO.:  
 PDK  
 04-750-0707  
 854-750-0700



500 West Cypress Creek Road,  
Suite 630  
Ft. Lauderdale, FL 33309  
954-750-0707  
www.chenmoore.com  
CERTIFICATE OF AUTHORIZATION  
LC26000425



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3. ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

VERTICAL DATUM INFORMATION  
ALL ELEVATIONS SHOWN ARE IN NORTH  
AMERICAN VERTICAL DATUM OF 1988 (NAVD88)  
CONVERSION FACTOR:  
NAVD88 = +1.872 = NAVD29 IN THIS AREA



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
Check positive response codes before you dig!

PERMIT SET

PROJECT # 12470 NW 15TH AVENUE STREETSCAPE		CITY OF FORT LAUDERDALE TRANSPORTATION & MOB. DEPT. ENGINEERING & ARCHITECTURE 100 North Andrews Avenue, Fort Lauderdale, Florida 33301	
DRAWING # EC-8		SHEET # 14	
TOTAL: 85		FIELD BOOK:	
CAD FILE: 12470-MULTI-EXST		DRAWING FILE NO. 4-XXX-XX	
DRAWING FILE NO. 4-XXX-XX		REVISIONS	
		NO. DATE BY (REV) DESCRIPTION	
		1 11/17/2022 AA IN COUNTY COMMENTS	
		2 04/14/2023 AA IN CITY COMMENTS	
		3 08/12/2023 AA IN CITY COMMENTS	
		4 04/15/2023 AA IN LIGHTING REVISION	
EXISTING CONDITIONS PLAN		CITY OF FORT LAUDERDALE TRANSPORTATION & MOB. DEPT. ENGINEERING & ARCHITECTURE 100 North Andrews Avenue, Fort Lauderdale, Florida 33301	





Page 43 of 43

Page 43 of 61

SHT #	15
	85

## DEMOLITION PLAN

3	08/12/2021	AA	NK	
4	06/15/2023	AA	NK	

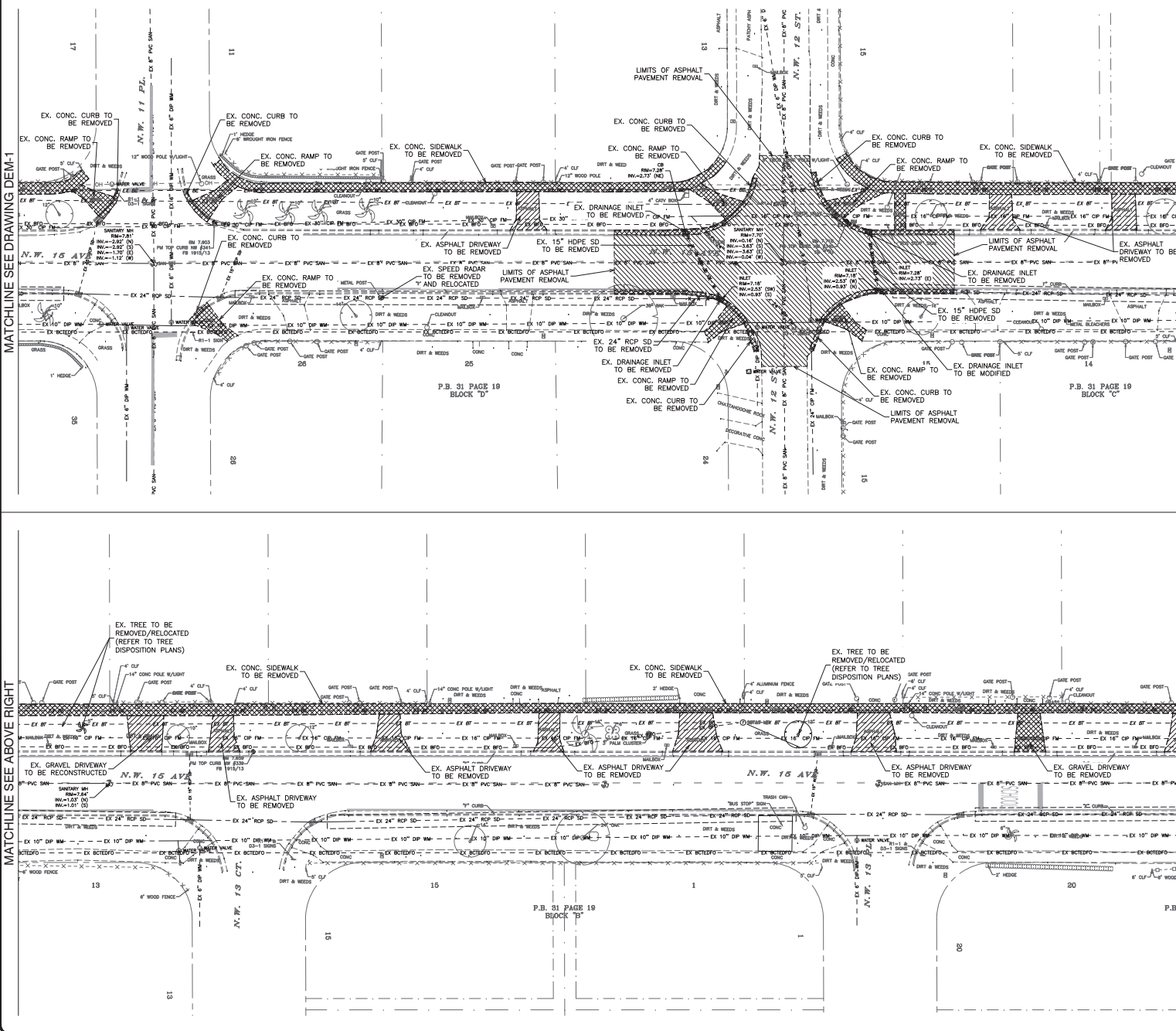


**ENGINEERING & ARCHITECTURE**  
100 North Andrews Avenue, Fort Lauderdale, Florida 33301

PDK	TEL: 954.730.0707 FAX: 954.730.2030
D BOOK:	

MATCHLINE SEE ABOVE RIGHT

MATCHLINE SEE DRAWING DEM-1



MATCHLINE SEE DRAWING DEM-3

MATCHLINE SEE BELOW LEFT

#### EXISTING CONDITIONS NOTES:

1. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE DERIVED FROM DRAWING FILES PROVIDED BY THE CITY OF FORT LAUDERDALE DATED 3/25/20. ADDITIONAL INFORMATION WAS OBTAINED FROM BUT NOT LIMITED TO AS-BUILT PLANS, ATLAS RECORDS, GIS INFORMATION AND/OR RECORD DRAWINGS. DISCREPANCIES BETWEEN EXISTING CONDITIONS SHOWN IN THE PROVIDED DRAWING AND AS OBSERVED IN THE FIELD EXIST. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
2. EXISTING UTILITIES SHOWN BASED ON UTILITY AS-BUILTS AND ANY AVAILABLE INFORMATION. CONTRACTOR TO FIELD LOCATE AND CONFIRM ALL UTILITIES, WHETHER SHOWN OR NOT, PRIOR TO ANY CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
3. ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

#### DEMOLITION NOTES:

1. DO NOT START DEMOLITION WORK UNTIL UTILITY DISCONNECTING AND SEALING HAVE BEEN COMPLETED AND VERIFIED IN WRITING.
2. BEFORE PROCEEDING WITH DEMOLITION OPERATIONS THE CONTRACTOR IS TO DRAIN, PURGE, OR OTHERWISE REMOVE, COLLECT, AND DISPOSE OF CHEMICALS, GASES, EXPLOSIVES, ACIDS, FLAMMABLES, OR OTHER DANGEROUS MATERIALS.
3. CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
4. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER ADJACENT OCCUPIED OR IN-USE FACILITIES WITHOUT PERMISSION FROM OWNER, THE TRIBE AND AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS AS REQUIRED BY GOVERNING REGULATIONS.
5. CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN, ENSURE SAFE PASSAGE OF PEOPLE AROUND DEMOLITION AREA.
6. ERECT TEMPORARY PROTECTION, SUCH AS WALKS, FENCES, BARRIERS, RAILINGS, ETC. WHERE REQUIRED BY AUTHORITIES HAVING JURISDICTION.
7. PROTECT EXISTING SITE IMPROVEMENTS, APURTANCES, AND LANDSCAPING TO REMAIN.
8. ADJACENT IMPROVEMENTS SHALL BE CLEANED OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF DEMOLITION.
9. FOR SELECTIVE DEMOLITION, USE CUTTING METHODS LEAST LIKELY TO DAMAGE CONSTRUCTION TO REMAIN OR ADJOINING CONSTRUCTION. TO MINIMIZE DISTURBANCE OF ADJACENT SURFACES, USE HAND OR SMALL POWER TOOLS DESIGNED FOR SAWING OR GRINDING, NOT HAMMERING OR CHIPPING. TEMPORARILY COVER OPENINGS TO REMAIN.
10. DEMOLISH CONCRETE IN SMALL SECTIONS, CUT CONCRETE AT JUNCTURES WITH CONSTRUCTION TO REMAIN, USING POWER-DRIVEN MASONRY SAW OR HAND TOOLS; DO NOT USE POWER-DRIVEN IMPACT TOOLS.
11. REMOVAL, DEMOLITION, HAULING, AND DISPOSAL SHALL COMPLY WITH REGULATIONS BY F.D.E.P., E.P.A., AND ANY OTHER AUTHORITY HAVING JURISDICTION.
12. REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
13. ALL EXISTING PATHWAY AND STREET LIGHTING WILL REMAIN IN PLACE AND REMAIN IN SERVICE DURING CONSTRUCTION OPERATIONS.
14. CONTRACTOR TO REMOVE AND/OR RELOCATE EXISTING PRIVATE ENCROACHMENTS WHICH CONFLICT WITH PROPOSED IMPROVEMENTS.

VERTICAL DATUM INFORMATION  
ALL ELEVATIONS SHOWN ARE IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)  
CONVERSION FACTOR:  
NAVD88 = 1.872 + NAVD83 IN THIS AREA



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
Check positive response codes before you dig!

PERMIT SET

DRAWING #	SHEET #
DEM-2	16
TOTAL:	85
CAD FILE:	12470-MULTI-DEMO
DRAWING FILE NO.	4-XXX-XX

PROJECT # 12470  
NW 15th AVENUE STREETSCAPE

DEMOLITION PLAN

REVISIONS		DESCRIPTION	
NO.	DATE	BY	CHKD
1	11/17/2023	AA	FM
2	04/14/2024	AA	FM
3	08/12/2024	AA	FM
4	04/11/2025	AA	FM



CITY OF FORT LAUDERDALE  
TRANSPORTATION & MOB. DEPT.  
ENGINEERING & ARCHITECTURE  
100 North Andrews Avenue, Fort Lauderdale, Florida 33301

SUBMITTER		DATE	
FORWARD BY:	AA	04/17/2020	
DESIGNED BY:	NSK		
CHECKED BY:	POK		
FILED NAME:			

SCALE: 1"=20'  
FIELD NO. 04-790-0077  
FILE NO. 04-790-0070



500 West Cypress Creek Road,  
Suite 630  
Ft. Lauderdale, FL 33309  
854-750-0707  
www.chenmoore.com

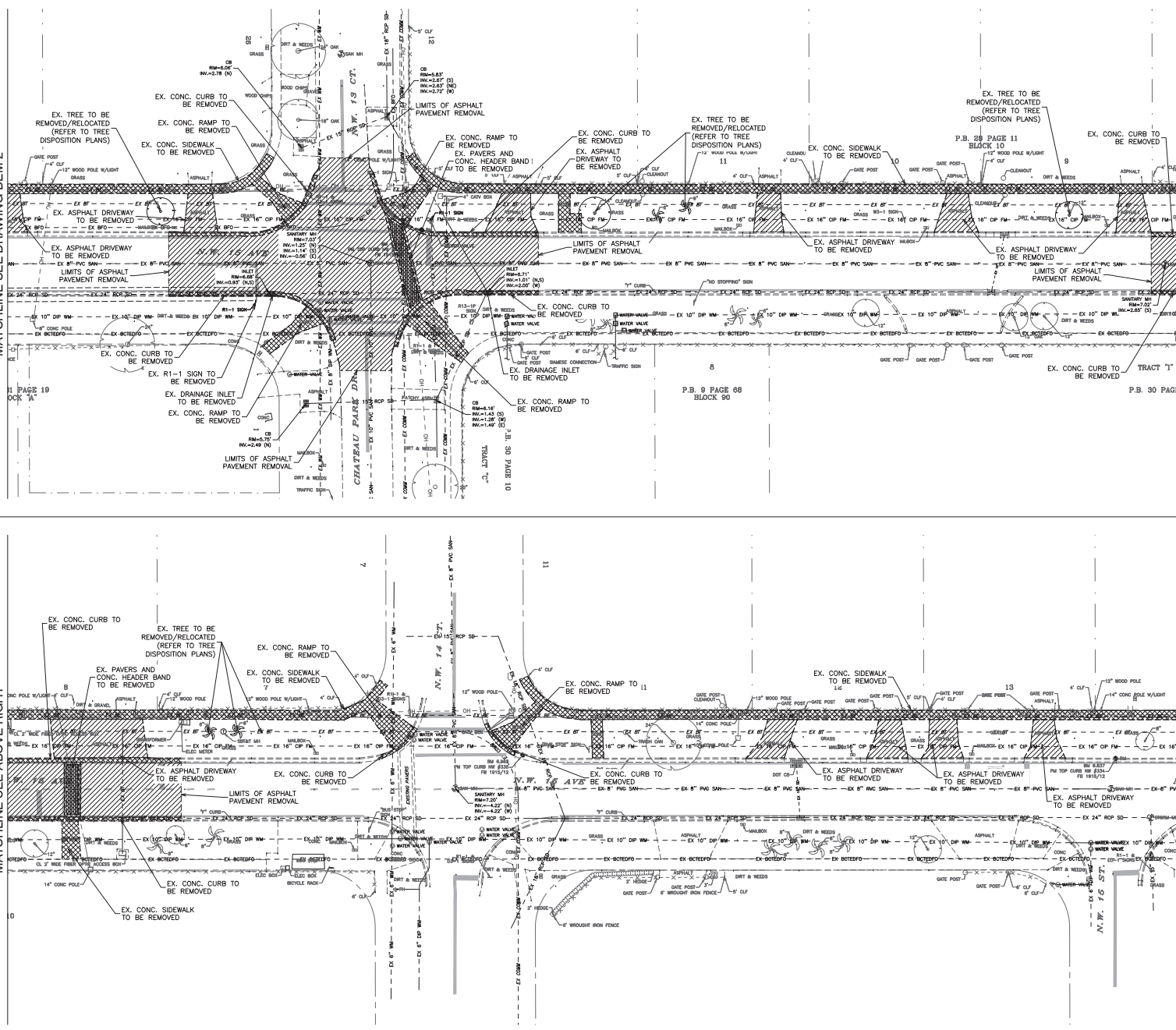
CERTIFICATE OF AUTHORIZATION  
LC26000425





MATCHLINE SEE DRAWING DEM-2

MATCHLINE SEE ABOVE RIGHT



MATCHLINE SEE BELOW LEFT

MATCHLINE SEE DRAWING DEM-4



500 West Cypress Creek Road,  
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 Ft. Lauderdale, FL 33309  
 954-750-0707  
 www.chenmoore.com

CERTIFICATE OF AUTHORIZATION  
 LC26000425

DATE: 04/27/2020  
 SCALE: 1"=20'

PROJECT: NW 15th Avenue Streetscape

- EXISTING CONDITIONS NOTES:**
1. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE DERIVED FROM DRAWING FILES PROVIDED BY THE CITY OF FORT LAUDERDALE DATED 3/20/20. ADDITIONAL INFORMATION WAS OBTAINED FROM BUT NOT LIMITED TO AS-BUILT PLANS, ATLAS RECORDS, GIS INFORMATION AND/OR RECORD DRAWINGS. DISCREPANCIES BETWEEN EXISTING CONDITIONS SHOWN IN THE PROVIDED DRAWING AND AS OBSERVED IN THE FIELD EXIST. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
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  3. ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

- DEMOLITION NOTES:**
1. DO NOT START DEMOLITION WORK UNTIL UTILITY DISCONNECTING AND SEALING HAVE BEEN COMPLETED AND VERIFIED IN WRITING.
  2. BEFORE PROCEEDING WITH DEMOLITION OPERATIONS THE CONTRACTOR IS TO DRAIN, PURGE, OR OTHERWISE REMOVE, COLLECT, AND DISPOSE OF CHEMICALS, GASES, EXPLOSIVES, ACIDS, FLAMMABLES, OR OTHER DANGEROUS MATERIALS.
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  4. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER ADJACENT OCCUPIED OR IN-USE FACILITIES WITHOUT PERMISSION FROM OWNER, THE TREES AND AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS AS REQUIRED BY GOVERNING REGULATIONS.
  5. CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN, ENSURE SAFE PASSAGE OF PEOPLE AROUND DEMOLITION AREA.
  6. ERECT TEMPORARY PROTECTION, SUCH AS WALKS, FENCES, BARRIERS, RAILINGS, ETC. WHERE REQUIRED BY AUTHORITIES HAVING JURISDICTION.
  7. PROTECT EXISTING SITE IMPROVEMENTS, APURTANCES, AND LANDSCAPING TO REMAIN.
  8. ADJACENT IMPROVEMENTS SHALL BE CLEANED OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF DEMOLITION.
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  11. REMOVAL, DEMOLITION, HAULING, AND DISPOSAL SHALL COMPLY WITH REGULATIONS BY F.D.E.P., E.P.A., AND ANY OTHER AUTHORITY HAVING JURISDICTION.
  12. REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
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  14. CONTRACTOR TO REMOVE AND/OR RELOCATE EXISTING PRIVATE ENCROACHMENTS WHICH CONFLICT WITH PROPOSED IMPROVEMENTS.

**VERTICAL DATUM INFORMATION**  
 ALL ELEVATIONS SHOWN ARE IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)  
 CONVERSION FACTOR:  
 NAVD83 = 1.872 + 110029 IN THIS AREA



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
 Check positive response codes before you dig!

PERMIT SET

<b>PROJECT # 12470</b> <b>NW 15th AVENUE STREETSCAPE</b>		<b>DRAWING #</b> <b>DEM-3</b>	<b>SHEET #</b> <b>17</b>
<b>DATE:</b> 10/23/2023 <b>USER:</b> mmm: hlych <b>FILE:</b> 12470-047-050-10-01-10-15th Avenue Streetscape.dwg		<b>TOTAL:</b> 85 <b>CAD FILE:</b> 12470-MULTI-DEMO <b>DRAWING FILE NO:</b> 4-XXX-XX	

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	11/17/2020	AA	COUNTY AND CITY COMMENTS
2	04/14/2021	AA	COUNTY COMMENTS
3	08/12/2021	AA	CITY COMMENTS
4	04/11/2023	AA	CITY COMMENTS

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	11/17/2020	AA	COUNTY AND CITY COMMENTS
2	04/14/2021	AA	COUNTY COMMENTS
3	08/12/2021	AA	CITY COMMENTS
4	04/11/2023	AA	CITY COMMENTS

**DESIGNED BY:** PATRICK D. JAMNIAH, P.E.  
 REG. NO. 70933  
 04/27/2020

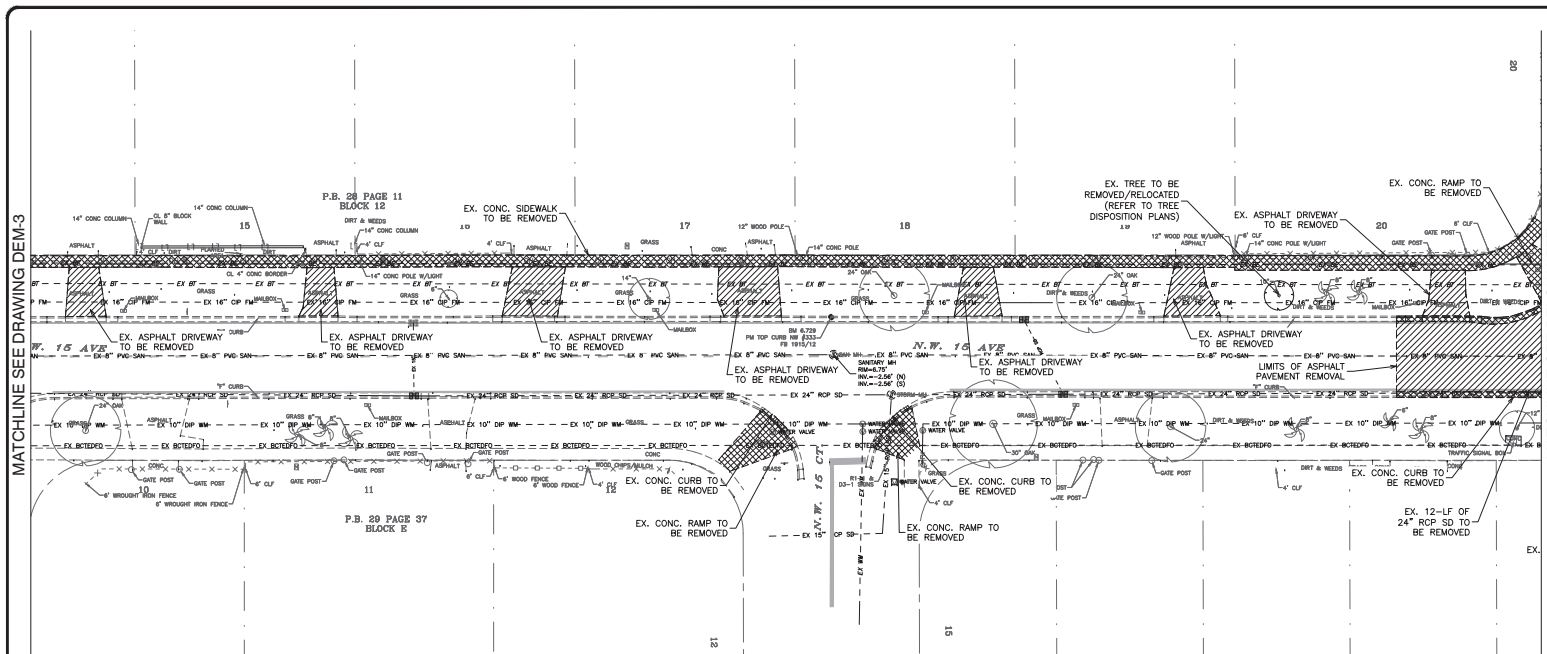
**CHECKED BY:** NSK  
 04/27/2020

**IN CHARGE:** PDK  
 04/27/2020

**FIELD NO.:** 04/27/2020

**CITY OF FORT LAUDERDALE**  
**TRANSPORTATION & MOB. DEPT.**  
**ENGINEERING & ARCHITECTURE**

100 North Andrews Avenue, Fort Lauderdale, Florida 33301



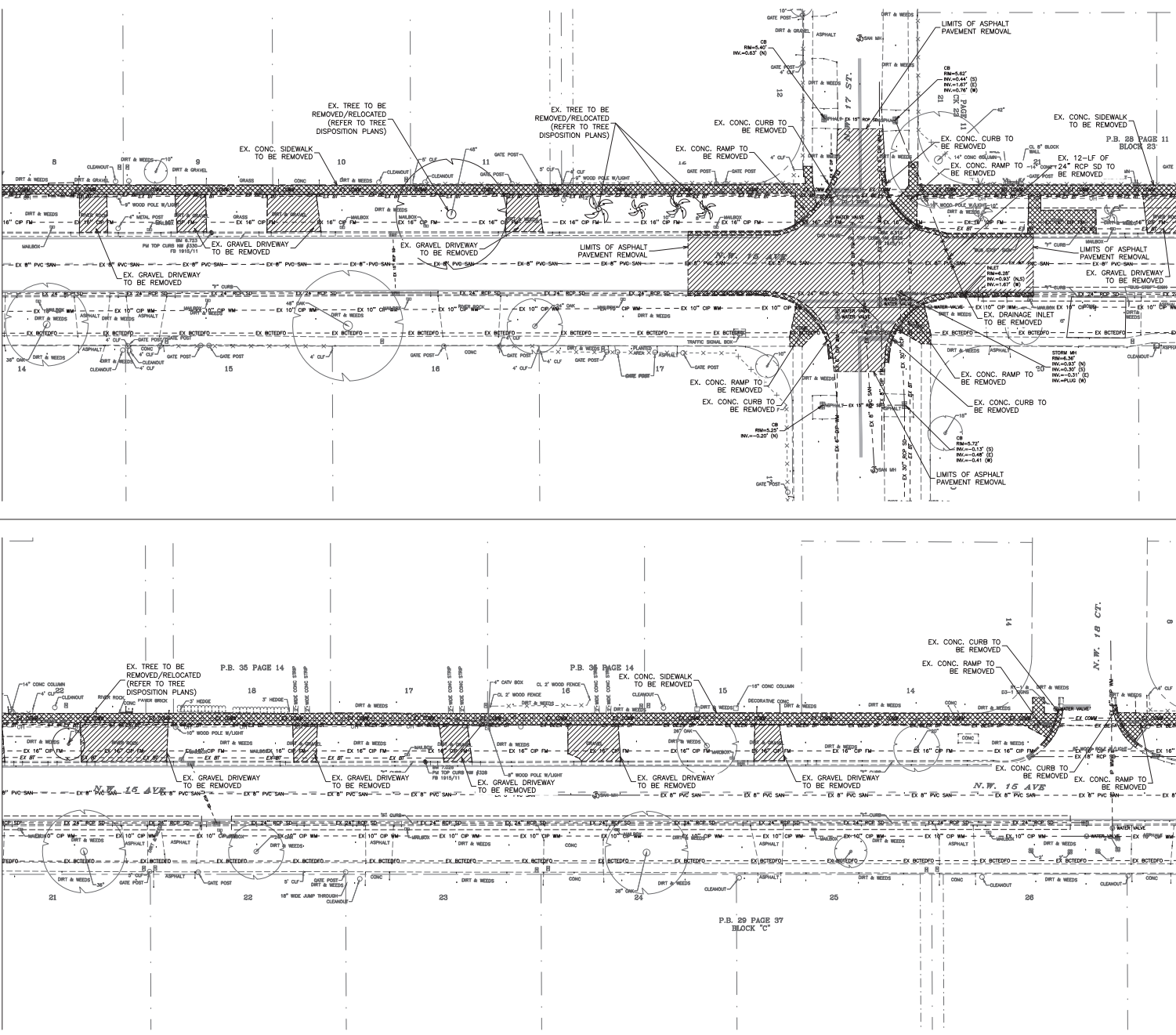
**ema**  
the more and more

ENGINEER:  
PATRICK D. KAMPAH, P.E.  
REG. No: 78535  
DATE: 10/23/2023



MATCHLINE SEE DRAWING DEM-4

MATCHLINE SEE ABOVE RIGHT



MATCHLINE SEE BELOW LEFT

MATCHLINE SEE DRAWING DEM-6

- EXISTING CONDITIONS NOTES:**
1. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE DERIVED FROM DRAWING FILES PROVIDED BY THE CITY OF FORT LAUDERDALE DATED 3/30/20. ADDITIONAL INFORMATION WAS OBTAINED FROM BUT NOT LIMITED TO AS-BUILT PLANS, ATLAS RECORDS, GIS INFORMATION AND/OR RECORD DRAWINGS. DISCREPANCIES BETWEEN EXISTING CONDITIONS SHOWN IN THE PROVIDED DRAWING AND AS OBSERVED IN THE FIELD BY THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
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  11. REMOVE, DEMOLITION, HAULING, AND DISPOSAL SHALL COMPLY WITH REGULATIONS BY F.D.E.P., E.P.A. AND ANY OTHER AUTHORITY HAVING JURISDICTION.
  12. REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
  13. ALL EXISTING PATHWAY AND STREET LIGHTING WILL REMAIN IN PLACE AND REMAIN IN WORKING DURING CONSTRUCTION OPERATIONS.
  14. CONTRACTOR TO REMOVE AND/OR RELOCATE EXISTING PRIVATE ENCROACHMENTS WHICH CONFLICT WITH PROPOSED IMPROVEMENTS.

**VERTICAL DATUM INFORMATION**  
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 CONVERSION FACTOR:  
 NAVD88 = +1.872 = NAVD83 IN THIS AREA



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
 Check positive response codes before you dig!

PERMIT SET

DRAWING #	SHEET #
DEM-5	19
CAD FILE:	85
DRAWING FILE NO.	12470-MULTI-DEM-5
4-XXX-XX	

PROJECT # 12470  
 NW 15TH AVENUE STREET SCOPE

DEMOLITION PLAN

NO.	DATE	BY	DESCRIPTION
1	11/17/2020	AA	COUNTY AND CITY COMMENTS
2	04/14/2021	AA	COUNTY COMMENTS
3	08/12/2021	AA	CITY COMMENTS
4	04/11/2023	AA	LIGHTING REVISION



CITY OF FORT LAUDERDALE  
 TRANSPORTATION & MOB. DEPT.  
 ENGINEERING & ARCHITECTURE  
 100 North Andrews Avenue, Fort Lauderdale, Florida 33301

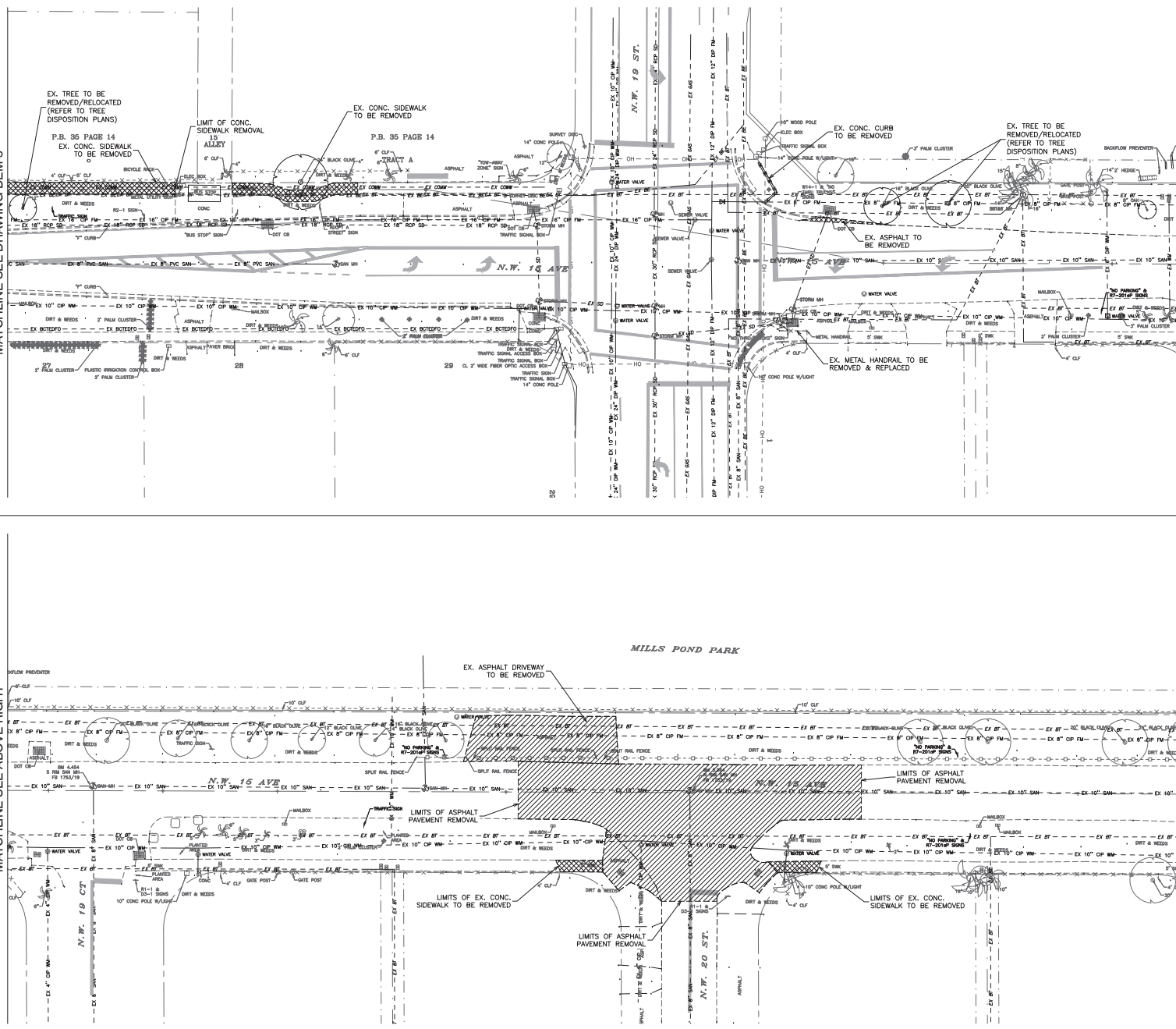
**cma**  
 500 West Cypress Creek Road,  
 Suite 630  
 Ft. Lauderdale, FL 33309  
 954-750-0707  
 www.chenmoore.com  
 CERTIFICATE OF AUTHORIZATION  
 LC26000425



**DESIGNED BY:** PATRICK D. JAMNIAH, P.E.  
**DESIGNED BY:** NO. 709333  
**DESIGNED BY:** 04/27/2020  
**CHECKED BY:** NSK  
**CHECKED BY:** 11-20  
**FIELD NO.:** 04-790-077  
**FIELD NO.:** 04-790-050

MATCHLINE SEE ABOVE RIGHT

MATCHLINE SEE DRAWING DEM-5



MATCHLINE SEE DRAWING DEM-7

MATCHLINE SEE BELOW LEFT

#### EXISTING CONDITIONS NOTES:

1. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE DERIVED FROM DRAWING FILES PROVIDED BY THE CITY OF FORT LAUDERDALE DATED 3/30/20. ADDITIONAL INFORMATION WAS OBTAINED FROM BUT NOT LIMITED TO AS-BUILT PLANS, ATLAS RECORDS, GIS INFORMATION AND/OR RECORD DRAWINGS. DISCREPANCIES BETWEEN EXISTING CONDITIONS SHOWN IN THE PROVIDED DRAWING AREAS OBSERVED IN THE FIELD EXIST. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
2. EXISTING UTILITIES SHOWN BASED ON UTILITY AS-BUILTS AND BEST AVAILABLE INFORMATION. CONTRACTOR TO FIELD LOCATE AND CONFIRM ALL UTILITIES, WHETHER SHOWN OR NOT, PRIOR TO ANY CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
3. ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

#### DEMOLITION NOTES:

1. DO NOT START DEMOLITION WORK UNTIL UTILITY DISCONNECTING AND SEALING HAVE BEEN COMPLETED AND VERIFIED IN WRITING.
2. BEFORE PROCEEDING WITH DEMOLITION OPERATIONS THE CONTRACTOR IS TO DRAIN, PURGE, OR OTHERWISE REMOVE, COLLECT, AND DISPOSE OF CHEMICALS, GASES, EXPLOSIVES, ACIDS, FLAMMABLES, OR OTHER DANGEROUS MATERIALS.
3. CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
4. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER ADJACENT OCCUPIED OR IN-USE FACILITIES WITHOUT PERMISSION FROM OWNER, THE TREE AND AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS AS REQUIRED BY GOVERNING REGULATIONS.
5. CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND DEMOLITION AREA.
6. ERECT TEMPORARY PROTECTION, SUCH AS WALKS, FENCES, BARRIERS, RAILINGS, ETC. WHERE REQUIRED BY AUTHORITIES HAVING JURISDICTION.
7. PROTECT EXISTING SITE IMPROVEMENTS, APFURNANCES, AND LANDSCAPING TO REMAIN.
8. ADJACENT IMPROVEMENTS SHALL BE CLEANED OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF DEMOLITION.
9. FOR SELECTIVE DEMOLITION, USE CUTTING METHODS LEAST LIKELY TO DAMAGE CONSTRUCTION TO REMAIN OR ADJOINING CONSTRUCTION. TO MINIMIZE DISTURBANCE OF ADJACENT SURFACES, USE HAND OR SMALL POWER TOOLS DESIGNED FOR SAWING OR GRINDING, NOT HAMMERING OR IMPACTING. TEMPORARILY COVER OPENINGS TO REMAIN.
10. DEMOLISH CONCRETE IN SMALL SECTIONS, CUT CONCRETE AT JUNCTURES WITH CONSTRUCTION TO REMAIN, USING POWER-DRIVEN MASONRY SAW OR HAND TOOLS; DO NOT USE POWER-DRIVEN IMPACT TOOLS.
11. REMOVAL, DEMOLITION, HAULING, AND DISPOSAL SHALL COMPLY WITH REGULATIONS BY F.D.E.P., E.P.A., AND ANY OTHER AUTHORITY HAVING JURISDICTION.
12. REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
13. ALL EXISTING PATHWAY AND STREET LIGHTING WILL REMAIN IN PLACE AND REMAIN IN SERVICE DURING CONSTRUCTION OPERATIONS.
14. CONTRACTOR TO REMOVE AND/OR RELOCATE EXISTING PRIVATE ENCROACHMENTS WHICH CONFLICT WITH PROPOSED IMPROVEMENTS.

VERTICAL DATUM INFORMATION  
 ALL ELEVATIONS SHOWN ARE IN NORTH  
 AMERICAN VERTICAL DATUM OF 1988 (NAVD88)  
 CONVERSION FACTOR  
 NAVD88 = 1.872 + 110229 IN THIS AREA



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
 Check positive response codes before you dig!

**cma**  
 500 West Cypress Creek Road,  
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 954-750-0707  
 www.chenmoore.com  
 CERTIFICATE OF AUTHORIZATION  
 LC26000425



PERMIT SET

PROJECT # 12470  
 NW 15TH AVENUE STREETSCAPE

DRAWING #	SHEET #
DEM-6	20
CAD FILE:	85
DRAWING FILE NO.	12470-MULTI-DEMO
4-XXX-XX	

NO.	DATE	BY	DESCRIPTION
1	11/17/2023	AA	COUNTY AND CITY COMMENTS
2	04/14/2024	AA	COUNTY COMMENTS
3	04/14/2024	AA	CITY COMMENTS
4	04/14/2024	AA	CITY COMMENTS
5	04/14/2024	AA	CITY COMMENTS

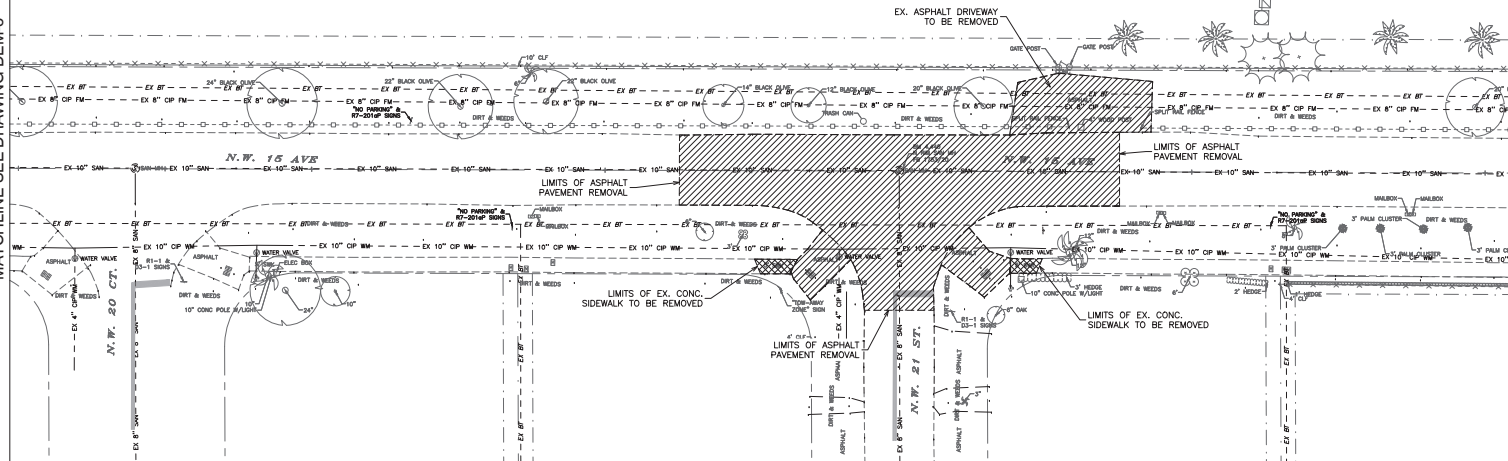
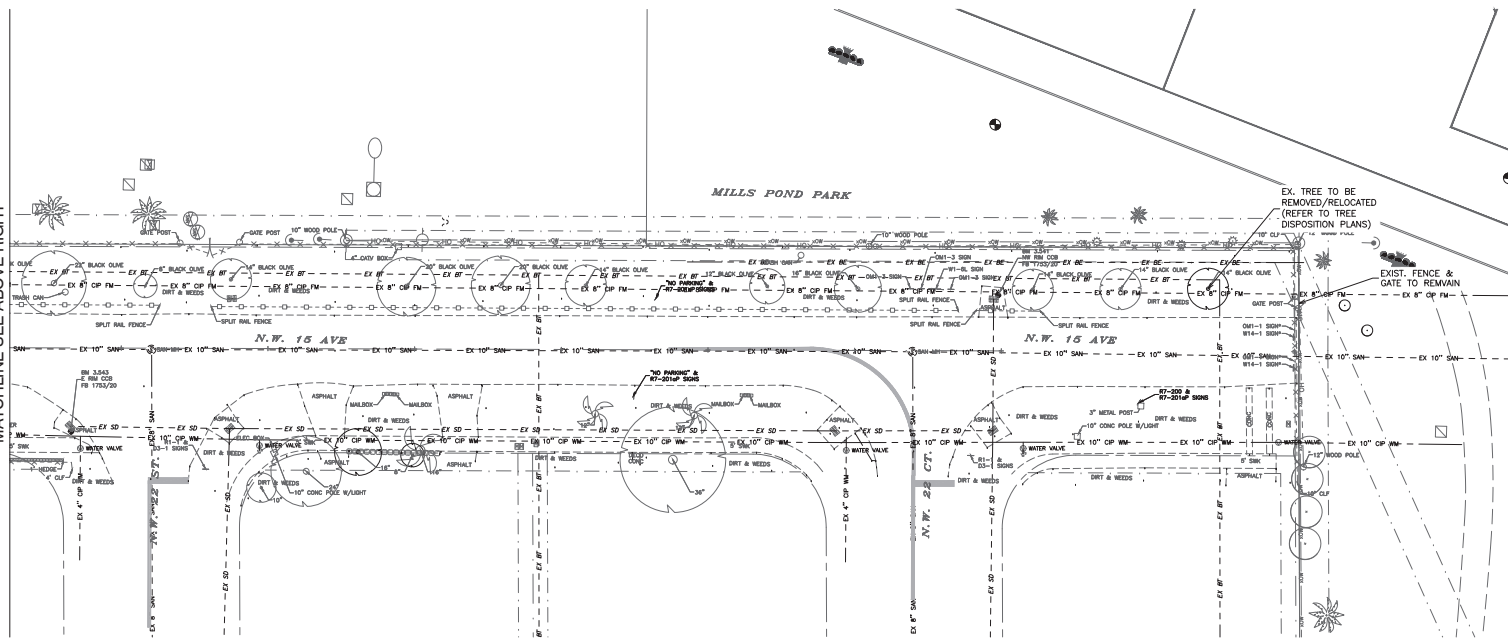
CITY OF FORT LAUDERDALE  
 TRANSPORTATION & MOB. DEPT.  
 ENGINEERING & ARCHITECTURE  
 100 North Andrews Avenue, Fort Lauderdale, Florida 33301

SUBMITTER:  
 PATRICK D. JAMNATHI, P.E.  
 REG. NO. 709335  
 EXPIRATION DATE 12/31/2025  
 DRAWN BY: AA  
 DATE: 04/27/2020  
 DESIGNED BY: NSK  
 CHECKED BY: PDK  
 FIELD NO.:  
 1"=20'



MATCHLINE SEE ABOVE RIGHT

MATCHLINE SEE DRAWING DEM-6



MATCHLINE SEE DRAWING DEM-8

MATCHLINE SEE BELOW LEFT

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5. CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND DEMOLITION AREA.
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VERTICAL DATUM INFORMATION  
ALL ELEVATIONS SHOWN ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)  
CONVERSION FACTOR:  
NAVD88 = 1.872 + NAVD83 IN THIS AREA



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
Check positive response codes before you dig!

PERMIT SET

DRAWING #	SHEET #
DEM-7	21
CAD FILE:	85
DRAWING FILE NO.	12470-MULTI-DEMO
4-XXX-XX	

PROJECT # 12470  
NW 15th AVENUE STREETSCAPE

DEMOLITION PLAN

REVISIONS		DESCRIPTION	
NO.	DATE	BY	CHKD
1	11/17/2023	AA	FM
2	04/14/2024	AA	FM
3	08/12/2024	AA	FM
4	04/11/2025	AA	FM



CITY OF FORT LAUDERDALE  
TRANSPORTATION & MOB. DEPT.  
ENGINEERING & ARCHITECTURE  
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500 West Cypress Creek Road,  
Suite 630  
Ft. Lauderdale, FL 33309  
854-730-0707  
www.chenmoore.com

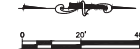
CERTIFICATE OF AUTHORIZATION  
LC260004025

DATE: 04/22/2020  
DESIGNED BY: PM  
CHECKED BY: PDK  
FIELD NO.: 854-730-0707  
854-730-0707

MATCHLINE SEE DRAWING DEM-7



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Suite 630  
Ft. Lauderdale, FL 33309  
954-750-0707  
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CERTIFICATE OF AUTHORIZATION  
LC26000425



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**VERTICAL DATUM INFORMATION**  
ALL ELEVATIONS SHOWN ARE IN NORTH  
AMERICAN VERTICAL DATUM OF 1988 (NAVD88)  
CONVERSION FACTOR  
NAVD88 = +1.872 + NAVD29 IN THIS AREA



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
Check positive response codes before you dig!

**PERMIT SET**

DRAWING #	SHEET #
DEM-8	22
TOTAL: 85	
CAD FILE: 12470-MULTI-DEMO	
DRAWING FILE NO. 4-XXX-XX	

**PROJECT # 12470**  
**NW 15TH AVENUE STREETSCAPE**

**DEMOLITION PLAN**

REVISIONS		DISCUSSION	
NO.	DATE	BY	CHKD
1	11/17/2023	AA	INE
2	04/14/2024	AA	INE
3	08/12/2024	AA	INE
4	04/15/2025	AA	INE

COUNT AND CITY COMMENTS		COUNT AND CITY COMMENTS	
AA	INE	AA	INE
AA	INE	AA	INE
AA	INE	AA	INE

CITY COMMENTS		LIGHTING REVISION	
AA	INE	AA	INE
AA	INE	AA	INE
AA	INE	AA	INE

**CITY OF FORT LAUDERDALE**  
**TRANSPORTATION & MOB. DEPT.**  
**ENGINEERING & ARCHITECTURE**

100 North Andrews Avenue, Fort Lauderdale, Florida 33301

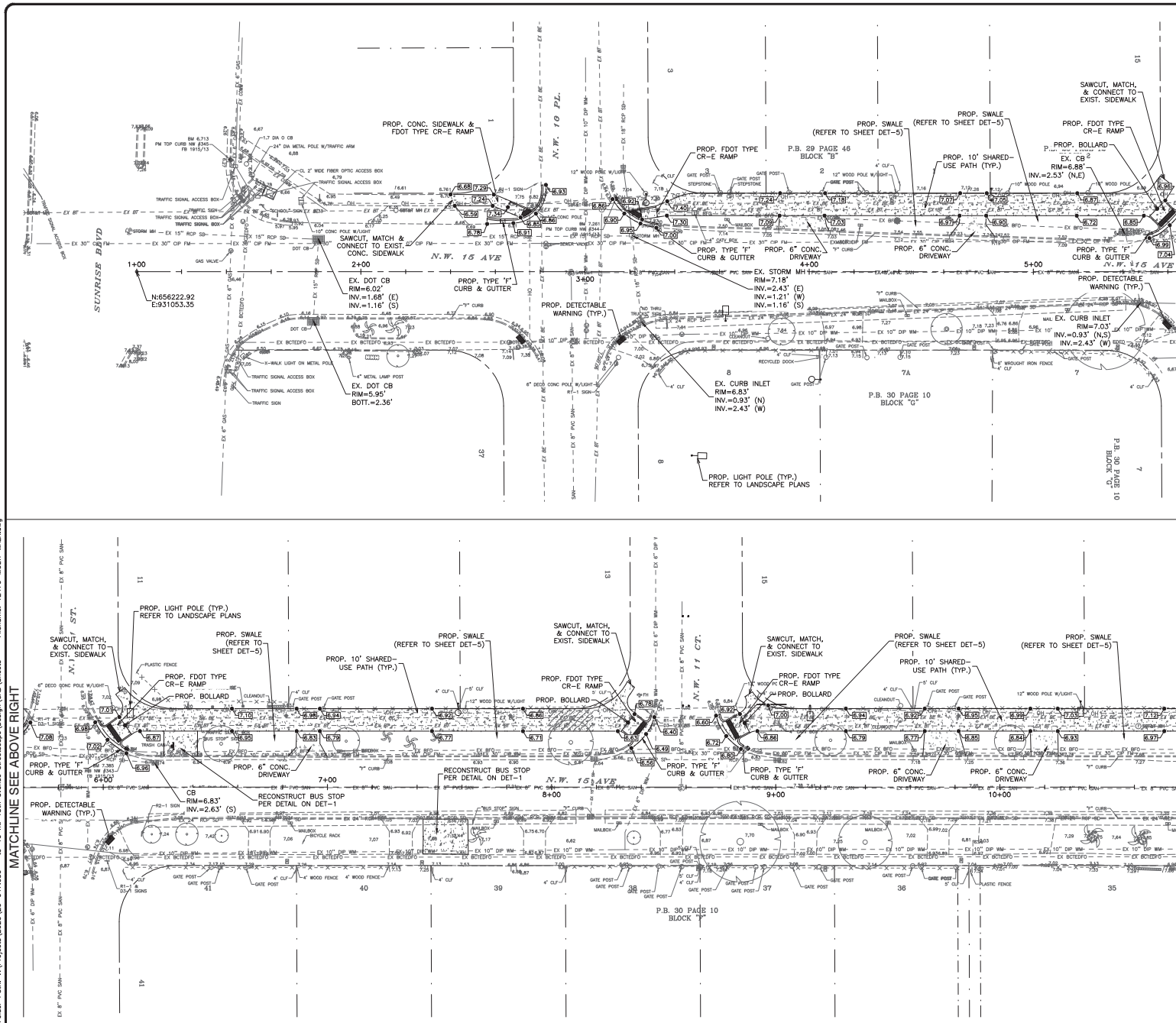
**ISSUED BY:** PATRICK D. JAMALI, P.E.  
**ISS. NO:** 70833  
**ISS. DATE:** 04/24/2025

**DATE:** 04/27/2020  
**DESIGNED BY:** NSK  
**CHECKED BY:** PDK  
**FIELD BOOK:**

**SCALE:** 1"=20'

**PROJECT NO:** 12470-01-077  
**FILE NO:** 854-750-050

Plot Date: 10/23/2023 2:40:46 PM Username: klyth Layout Name: PGD-1  
Road: HWY 15 N 15th Avenue StreetView Design CAD Sheets Filename: 12470-MULTI-WALK.dwg



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954-730-0707  
www.chenmoore.com  
CERTIFICATE OF AUTHORIZATION  
LC26000425



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  - ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- PAVING, GRADING AND DRAINAGE NOTES:**
- ALL SIDEWALKS SHALL MEET ALL A.D.A. REQUIREMENTS (5% MAX. LONGITUDINAL SLOPE AND 2% MAX. TRANSVERSE SLOPE).
  - ALL INLETS SHALL BE TYPE "C" AND MANHOLES SHALL BE TYPE "9-7" 4", ALL H-20 RATED, UNLESS OTHERWISE NOTED ON PLAN.
  - CONCRETE PIPE FOR STORM SEWERS SHALL CONFORM TO FDOT STANDARD SPECIFICATIONS SECTION 453.
  - BEDDING AND INITIAL BACKFILL OVER DRAINAGE PIPE SHALL BE SAND WITH NO ROCK LARGER THAN 1" DIAMETER.
  - BACKFILL MATERIAL UNDER PAVED AREAS SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM 1-180.
  - BACKFILL MATERIAL UNDER AREAS NOT TO BE PAVED SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM 1-180.
  - DRAINAGE STRUCTURES AND LINES TO BE CLEANED PRIOR TO ENGINEER'S ACCEPTANCE.
  - CONTRACTOR TO PROVIDE DETAILED AS-BUILTS SURVEYS THAT CLEARLY DEFINE THE AREAS OF WORK COMPLETED UNDER THIS CONTRACT INCLUDING BUT NOT LIMITED TO ALL RIM ELEVATIONS (EXISTING AND PROPOSED STRUCTURES), ALL INVERTS, BOTTOM OF STRUCTURE, SUFFICIENT SLOPE ELEVATIONS TO DEMONSTRATE THAT SWALES DRAIN TO INLETS, LOCATION OF EXFILTRATION TRENCH, LOCATION OF DRIVEWAY RESTORATION, AND RESTORED ASPHALT PAVEMENT.
  - CONTRACTOR TO ADJUST EXISTING MANHOLE RING AND COVERS, VALVE COVERS, AND OTHER EXISTING AT GRADE FEATURES TO MATCH THE FINISHED GRADE.
  - CONTRACTOR SHALL CONSTRUCT SWALES ALONG NEW SHARED-USE PATH IN ACCORDANCE WITH THE TYPICAL SECTIONS ON SHEET DET-5.
  - CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR THE REMOVAL AND RELOCATION OF ALL MAILBOXES WHICH WILL BE AFFECTED BY BUS STOPS CONCRETE PADS.
  - CONTRACTOR TO COORDINATE WITH CITY OF FORT LAUDERDALE ON THE REMOVAL AND RELOCATION OF TRASH CANS WHICH WILL BE AFFECTED BY BUS STOPS CONCRETE PADS.

**VERTICAL DATUM INFORMATION**  
ALL ELEVATIONS SHOWN ARE IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)  
CONVERSION FACTOR  
NAVD88 = 1.872 + NAVD83 IN THIS AREA



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
Check positive response codes before you dig!

**CITY OF FORT LAUDERDALE**  
TRANSPORTATION & MOB. DEPT.  
ENGINEERING & ARCHITECTURE  
100 North Andrews Avenue, Fort Lauderdale, Florida 33301

**PROJECT # 12470**  
**NW 15th AVENUE STREET SCAPE**

**PGD-1**

**PERMIT SET**

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	11/17/2023	AA	COUNTY AND CITY COMMENTS
2	04/14/2024	AA	COUNTY COMMENTS
3	08/12/2023	AA	CITY COMMENTS
4	04/11/2023	AA	LIGHTING REVISION

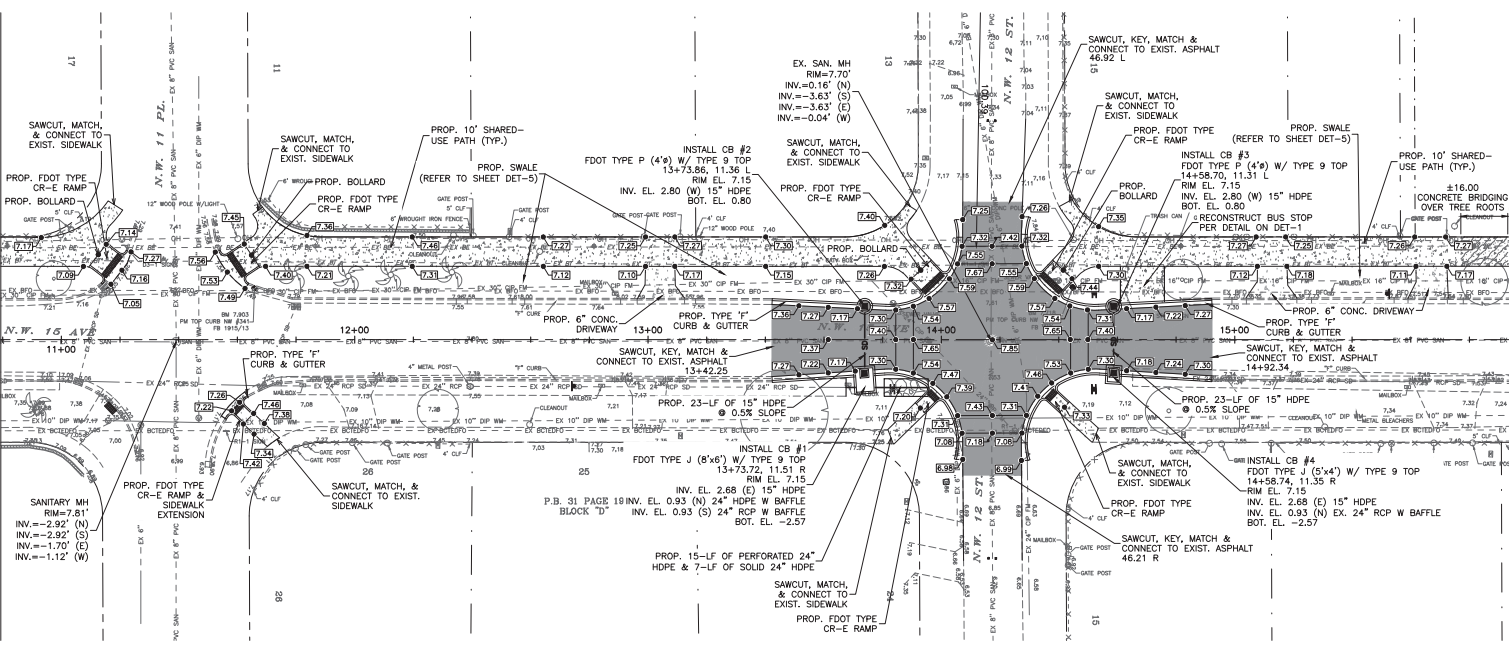
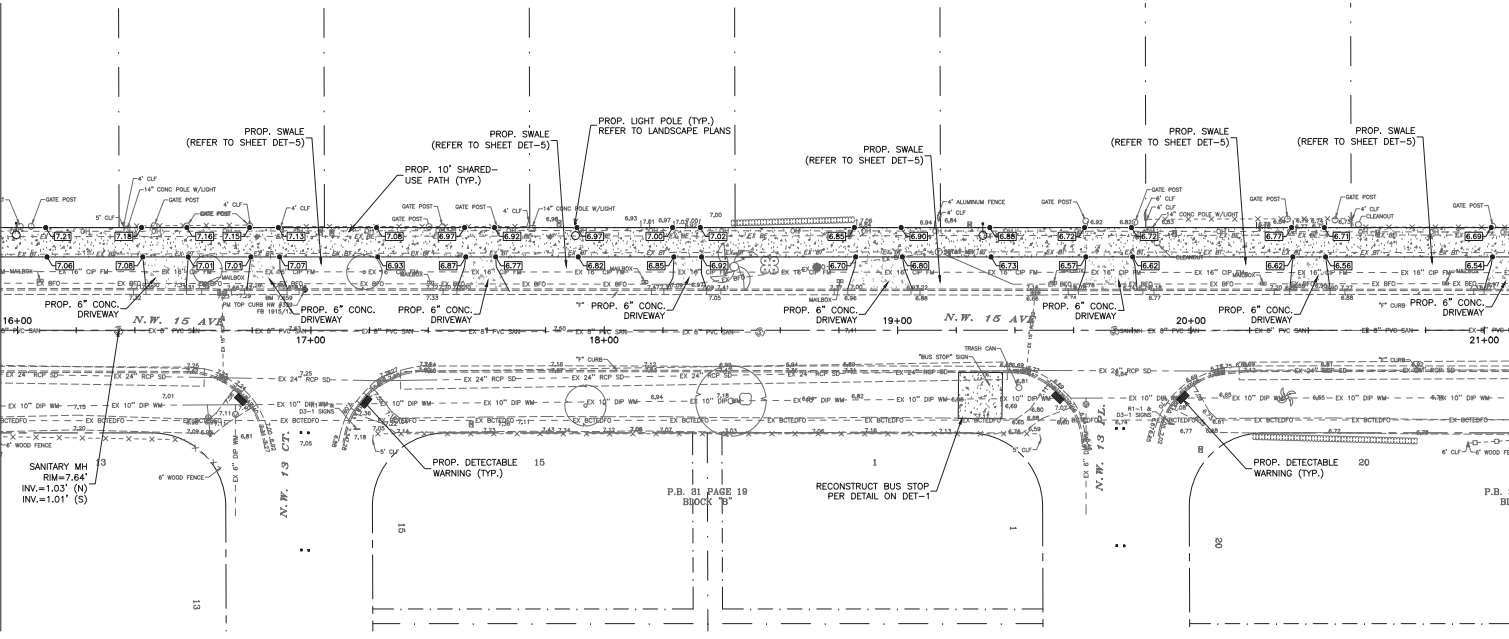
**DRAWING #** 12470-MULTI-WALK  
**SHEET #** 23  
**TOTAL:** 85  
**CAD FILE:** 12470-MULTI-WALK  
**DRAWING FILE NO.** 4-XXX-XX

**SUNSHINE 811**  
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
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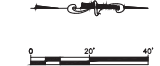
MATCHLINE SEE ABOVE RIGHT

MATCHLINE SEE DRAWING PGD-1



500 West Cypress Creek Road,  
Suite 630  
Fort Lauderdale, FL 33309  
854.750.0707  
www.chenmoore.com

CERTIFICATE OF AUTHORIZATION  
LC26000425



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  - ALL INLETS SHALL BE TYPE "C" AND MANHOLES SHALL BE TYPE "9-7" 4" ALL H-20 RATED, UNLESS OTHERWISE NOTED ON PLAN.
  - CONCRETE PIPE FOR STORM SEWERS SHALL CONFORM TO FOOT STANDARD SPECIFICATIONS SECTION 453.
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VERTICAL DATUM INFORMATION

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CONVERSION FACTOR
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PERMIT SET

PROJECT #	12470
DRAWING #	PGD-2
SHEET #	24
CAD FILE:	12470-MULTI-WALK
DRAWING FILE NO.	4-XXX-XX

PROJECT # 12470  
NW 15th AVENUE STREET/SCAPE

PAVING, GRADING AND DRAINAGE

NO.	DATE	BY	DESCRIPTION
1	11/17/2023	AA	COUNTY AND CITY COMMENTS
2	04/14/2024	AA	COUNTY COMMENTS
3	08/12/2024	AA	CITY COMMENTS
4	04/11/2025	AA	LIGHTING REVISION

CITY OF FORT LAUDERDALE  
TRANSPORTATION & MOB. DEPT.  
ENGINEERING & ARCHITECTURE

100 North Andrews Avenue, Fort Lauderdale, Florida 33304

SUBMITTER:  
PATRICK D. JAMALAH, P.E.  
IDA: No. 709335  
ISSUED: 04/24/2025

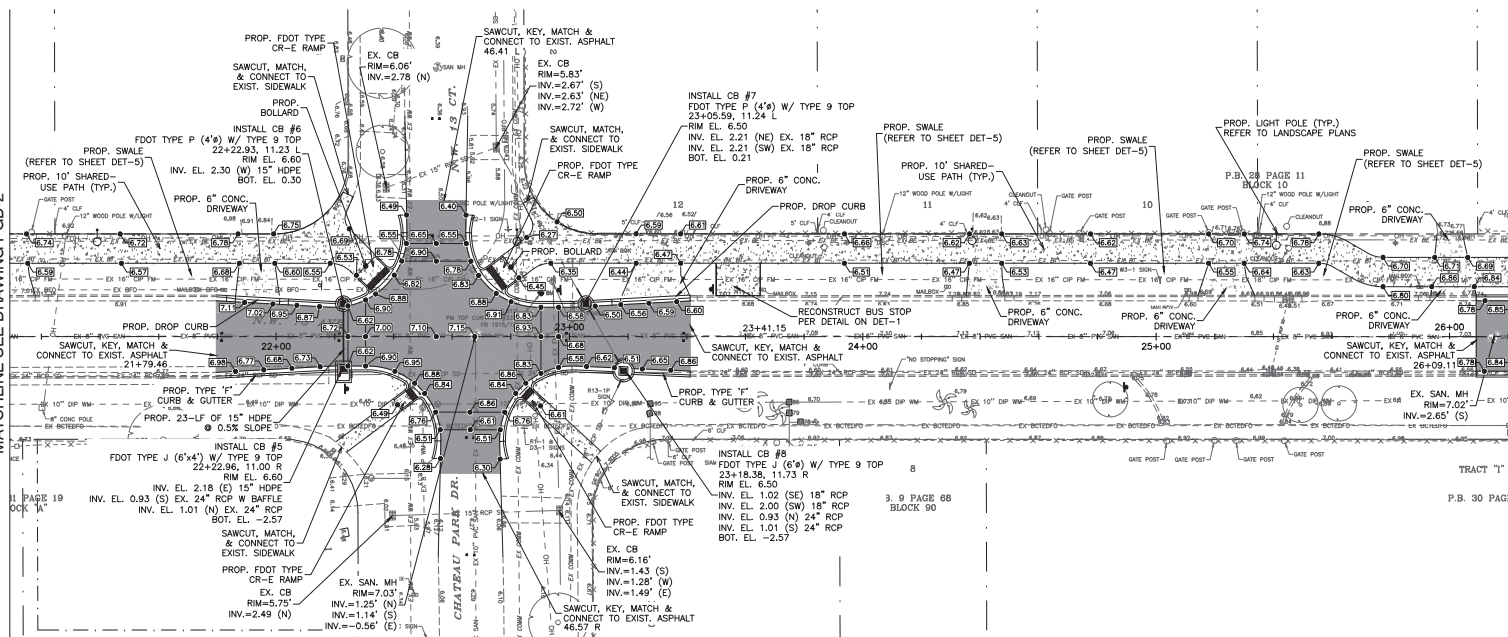
DESIGNED BY: SCALE:  
NSK  
CHECKED BY:  
PDK  
FIELD NOOK:

DATE: 04/17/2020  
PROJECT: 12470  
SHEET: 24 OF 25  
FILE: 4-XXX-XX

Plot Date: 10/23/2023 2:41:07 PM Username: klyth Layout Name: PGD-3  
Folder Path: I:\Projects\2530\PGD-3\407-250-10-10-15th Avenue StreetScape\Design\CAD Sheets  
Filename: 12470-MULTI-WALK.dwg

MATCHLINE SEE DRAWING PGD-2

MATCHLINE SEE ABOVE RIGHT



MATCHLINE SEE BELOW LEFT

P.B. 30 PAGE

#### EXISTING CONDITIONS NOTES:

1. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE DERIVED FROM DRAWING FILES PROVIDED BY THE CITY OF FORT LAUDERDALE DATED 3/30/20. ADDITIONAL INFORMATION WAS OBTAINED FROM BUT NOT LIMITED TO AS-BUILT PLANS, ATLAS RECORDS, GIS INFORMATION AND/OR RECORD DRAWINGS. DISCREPANCIES BETWEEN EXISTING CONDITIONS SHOWN IN THE PROVIDED DRAWING AND AS OBSERVED IN THE FIELD EXIST. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
2. EXISTING UTILITIES SHOWN BASED ON UTILITY AS-BUILTS AND BEST AVAILABLE INFORMATION. CONTRACTOR TO FIELD LOCATE AND CONTROL ALL UTILITIES, WHETHER SHOWN OR NOT, PRIOR TO ANY CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES.
3. ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

#### PAVING, GRADING AND DRAINAGE NOTES:

1. ALL SIDEWALKS SHALL MEET ALL A.D.A. REQUIREMENTS (5% MAX. LONGITUDINAL SLOPE AND 2% MAX. TRANSVERSE SLOPE).
2. ALL INLETS SHALL BE TYPE 'C' AND MANHOLES SHALL BE TYPE '9-7' 4\"/>
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10. CONTRACTOR SHALL CONSTRUCT SWALES ALONG NEW SHARED-USE PATH IN ACCORDANCE WITH THE TYPICAL SECTIONS ON SHEET DET-5.
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12. CONTRACTOR TO COORDINATE WITH CITY OF FORT LAUDERDALE ON THE REMOVAL AND RELOCATION OF TRASH CANS WHICH WILL BE AFFECTED BY BUS STOPS CONCRETE PADS.

VERTICAL DATUM INFORMATION  
ALL ELEVATIONS SHOWN ARE IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)  
CONVERSION FACTOR  
NAVD88 = 1.872 + NAVD29 IN THIS AREA

**Sunshine**  
811

Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
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LC26000425

0 20' 40'

**CITY OF FORT LAUDERDALE**  
TRANSPORTATION & MOB. DEPT.  
ENGINEERING & ARCHITECTURE  
100 North Andrews Avenue, Fort Lauderdale, Florida 33301

**PROJECT # 12470**  
**NW 15th AVENUE STREETSCAPE**

**DRAWING # PGD-3**  
**SHEET # 25**

**CAD FILE:**  
12470-MULTI-WALK  
**DRAWING FILE NO.**  
4-XXX-XX

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	11/17/2022	AA	COUNTY AND CITY COMMENTS
2	04/14/2023	AA	COUNTY COMMENTS
3	08/14/2023	AA	CITY COMMENTS
4	04/11/2023	AA	LIGHTING REVISION

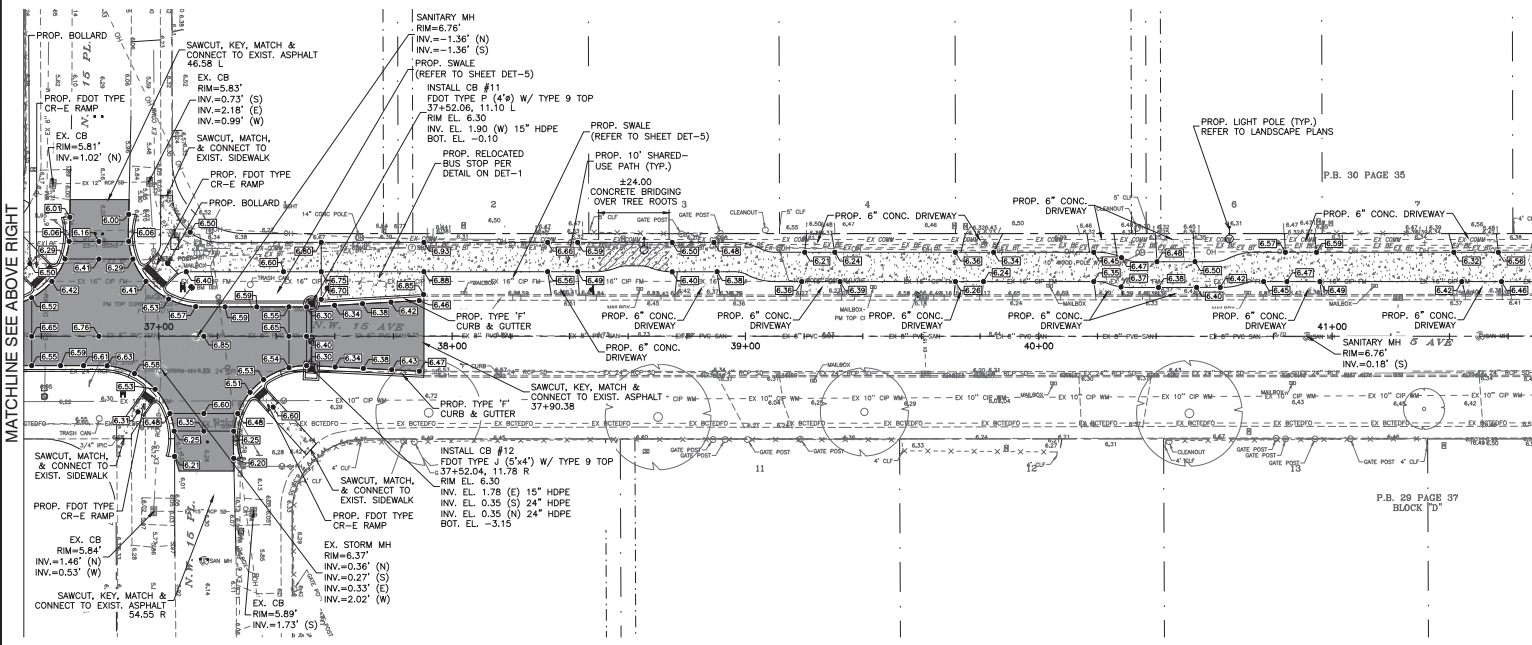
**DESIGNER:** PATRICK D. JAMNIAHI, P.E.  
REG. NO. 70933  
ISSUED BY: SCALE: 1"=20'  
CHECKED BY: PDK  
FIELD NOOK: 04-750-0707  
04-750-0707



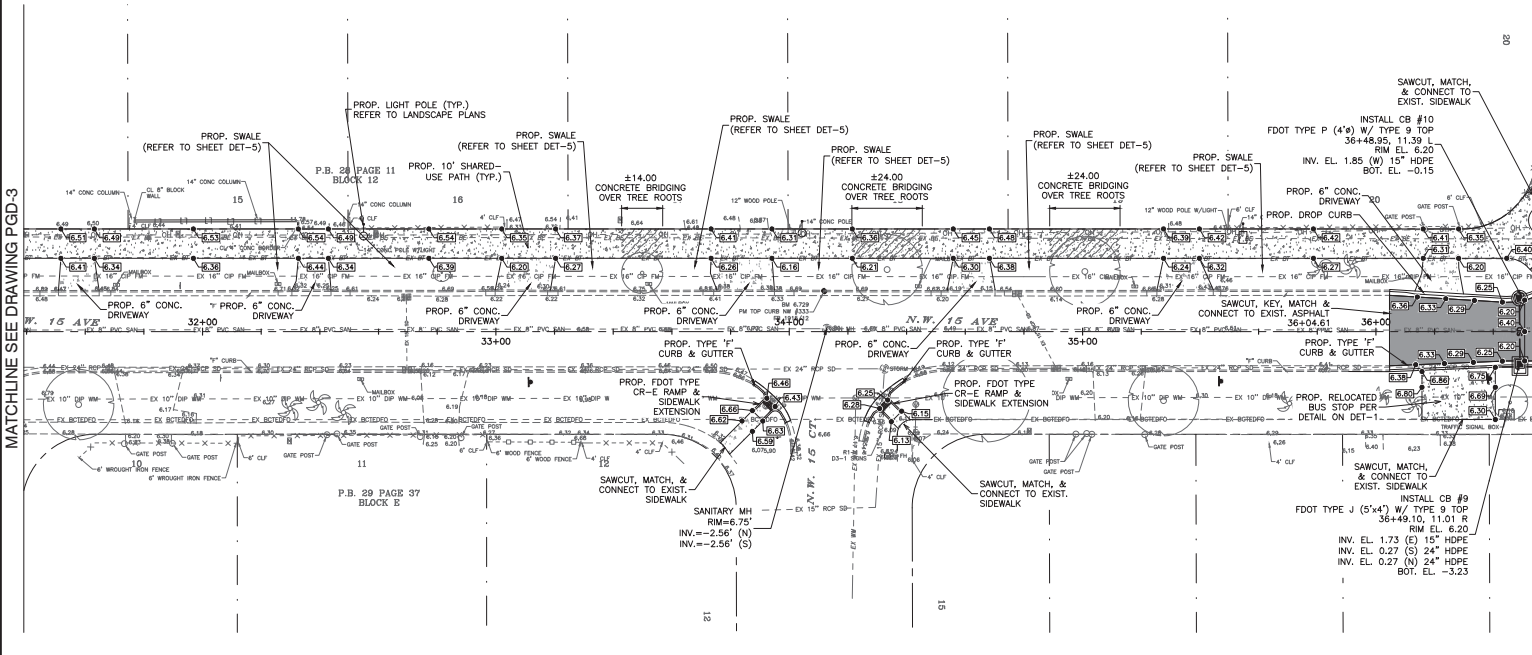
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Road: FW 1515 Avenue Street Design CADD Sheets  
Filename: 12470-MULTI-WALK.dwg Layout Name: PGD-4

MATCHLINE SEE ABOVE RIGHT

MATCHLINE SEE DRAWING PGD-3



MATCHLINE SEE BELOW LEFT



MATCHLINE SEE DRAWING PGD-5

MATCHLINE SEE BELOW LEFT

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1. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE DERIVED FROM DRAWING FILES PROVIDED BY THE CITY OF FORT LAUDERDALE DATED 3/30/20. ADDITIONAL INFORMATION WAS OBTAINED FROM BUT NOT LIMITED TO AS-BUILT PLANS, ATLAS RECORDS, GIS INFORMATION AND/OR RECORD DRAWINGS. DISCREPANCIES BETWEEN EXISTING CONDITIONS SHOWN IN THE PROVIDED DRAWING AND AS OBSERVED IN THE FIELD, CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
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PROJECT # 12470  
NW 15th AVENUE STREET/SCAPE  
DRAWING # PGD-4  
SHEET # 26  
TOTAL: 85  
CAD FILE: 12470-MULTI-WALK  
DRAWING FILE NO. 4-XXX-XX

REVISIONS		DISCUSSION
NO.	DATE	
1	11/17/2023	COUNTY AND CITY COMMENTS
2	04/14/2024	CITY COMMENTS
3	08/12/2024	CITY COMMENTS
4	04/11/2025	LIGHTING REVISION

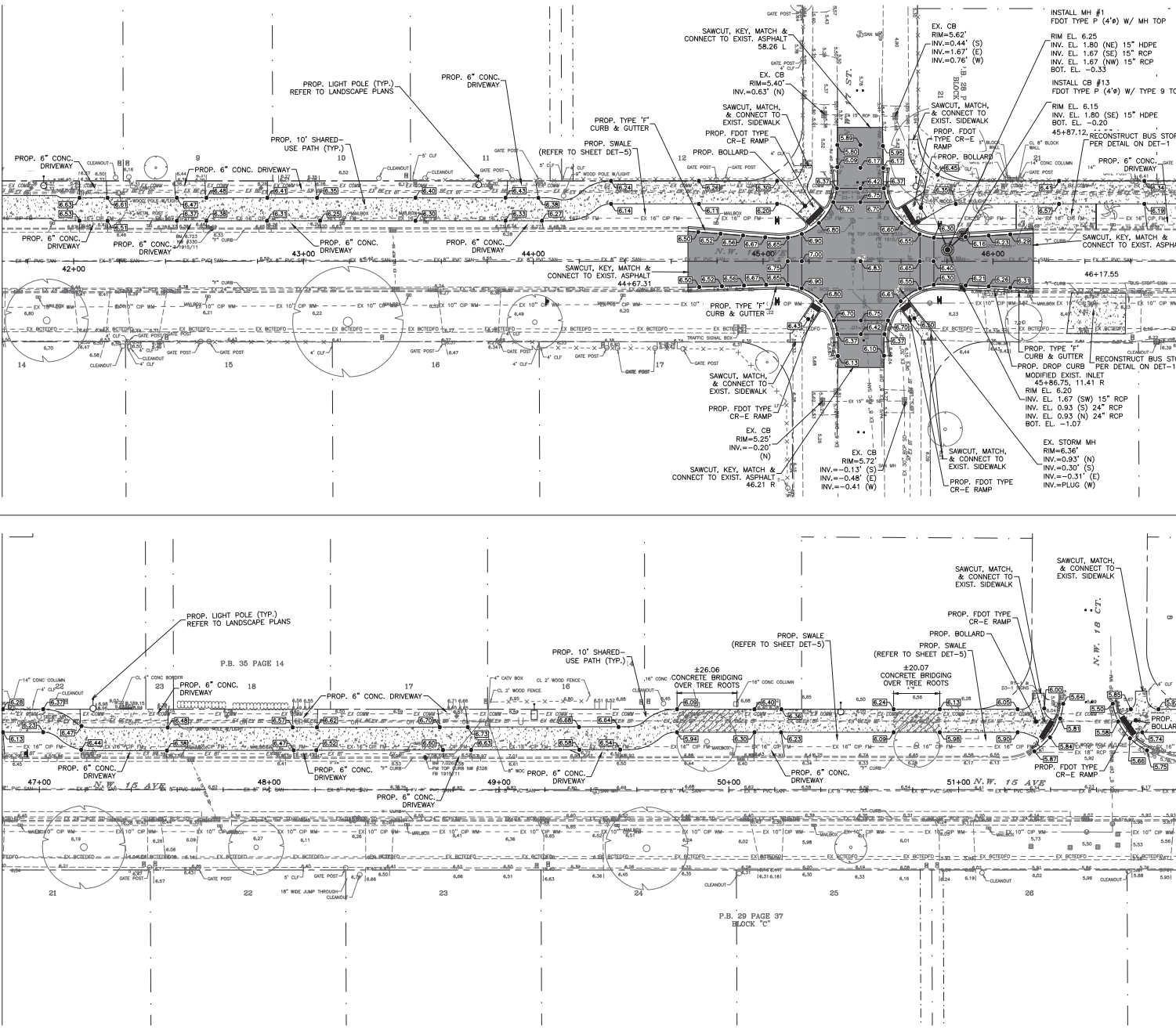
CITY OF FORT LAUDERDALE  
TRANSPORTATION & MOB. DEPT.  
ENGINEERING & ARCHITECTURE  
100 North Andrews Avenue, Fort Lauderdale, Florida 33301

SUBMITTER:  
PATRICK D. JAMALAH, P.E.  
IDA: No. 709335  
ISSUED BY: SCALE:  
1"=20'  
DESIGNED BY: PDK  
CHECKED BY: PDK  
FIELD NO.:  
PDK  
100 North Andrews Avenue, Fort Lauderdale, Florida 33301  
TEL: 954.750.0707  
FAX: 954.750.0500



MATCHLINE SEE DRAWING PGD-4

MATCHLINE SEE ABOVE RIGHT



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AMERICAN VERTICAL DATUM OF 1988 (NAVD88)  
CONVERSION FACTOR  
NAVD88 = +1.872 = MOVES IN THIS AREA



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
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PERMIT SET

PROJECT # 12470 NW 15TH AVENUE STREET/SCAPE	
DRAWING # PGD-5	SHEET # 27
TOTAL: 85	
CAD FILE: 12470-MULTI-WALK	
DRAWING FILE NO. 4-XXX-XX	

NO.	DATE	BY	DESCRIPTION
1	11/17/2023	AA	COUNTY AND CITY COMMENTS
2	04/14/2024	AA	COUNTY COMMENTS
3	08/12/2024	AA	CITY COMMENTS
4	04/11/2025	AA	LIGHTING REVISION

CITY OF FORT LAUDERDALE  
TRANSPORTATION & MOB. DEPT.  
ENGINEERING & ARCHITECTURE  
100 North Andrews Avenue, Fort Lauderdale, Florida 33304

DESIGNED BY: PATRICK D. JAMNIAK, P.E.  
NO. 790333  
ISSUED 04/24/2024

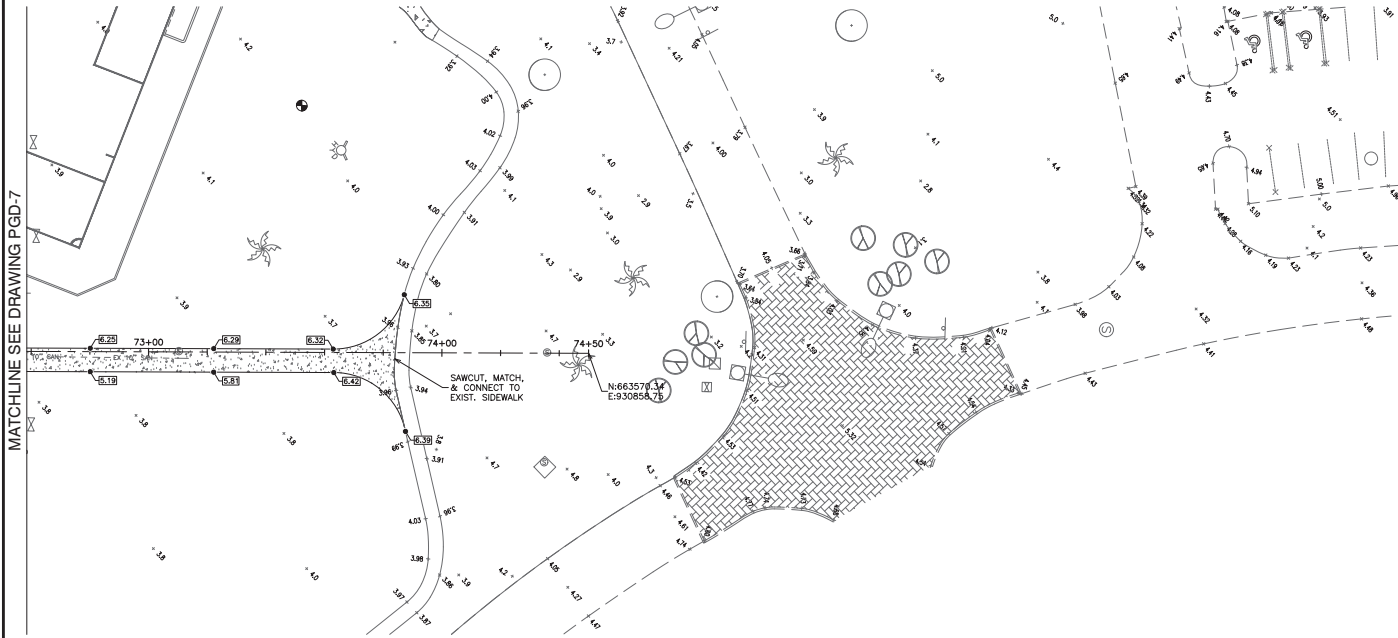
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DESIGNED BY: SCALE: 1"=20'  
CHECKED BY: PDK  
FIELD NOOK: FIELD NOOK

FIELD NOOK: 04-790-0077  
FIELD NOOK: 04-790-0077









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VERTICAL DATUM INFORMATION  
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AMERICAN VERTICAL DATUM OF 1988 (NAVD88)  
CONVERSION FACTOR  
NAVD88 = +1.872 = NAVD83 IN THIS AREA



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
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SUBMITTER:  
PATRICK D. JAMNATHI, P.E.  
REG. NO. 70933  
ISSUED 07/27/2023

DATE: 04/17/2020  
DRAWN BY: AA  
CHECKED BY: NSK  
DESIGNED BY: SCALE: 1"=20'  
PDK  
FIELD BOOK:

CITY OF FORT LAUDERDALE  
TRANSPORTATION & MOB. DEPT.  
ENGINEERING & ARCHITECTURE  
100 North Andrews Avenue, Fort Lauderdale, Florida 33301

REVISIONS		DESCRIPTION
NO.	DATE	BY
1	11/17/2023	AA
2	04/14/2024	AA
3	08/12/2024	AA
4	04/15/2025	AA

PROJECT # 12470  
NW 15TH AVENUE STREETSCAPE  
PAVING, GRADING AND DRAINAGE

DRAWING # PGD-8  
SHEET # 30  
TOTAL: 85  
CAD FILE: 12470-MULTI-WALK  
DRAWING FILE NO. 4-XXX-XX

GNRL  
001

GNRL  
001  
2017/07/13

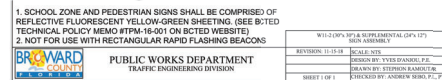
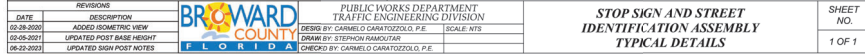
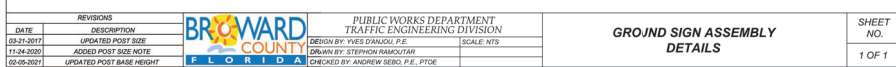
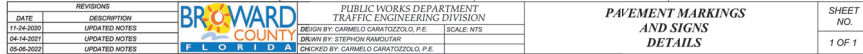
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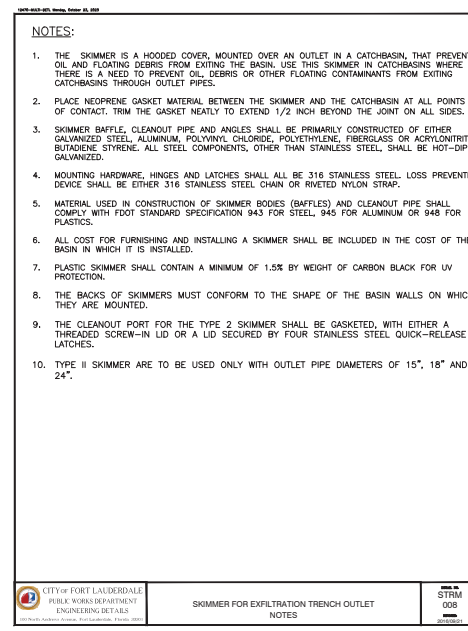
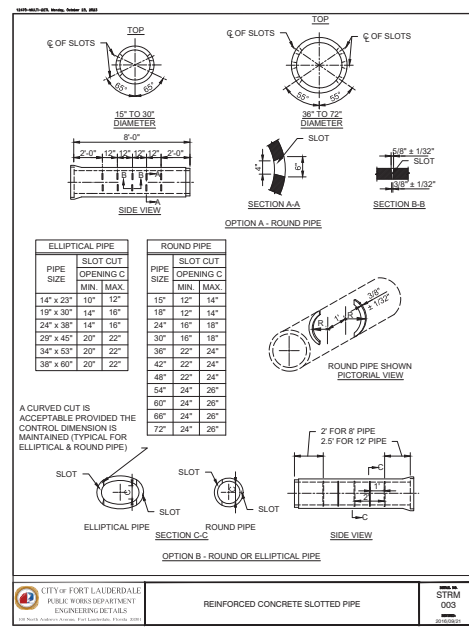
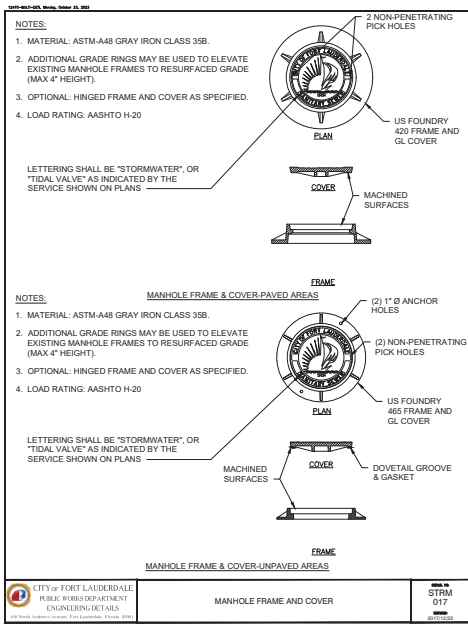
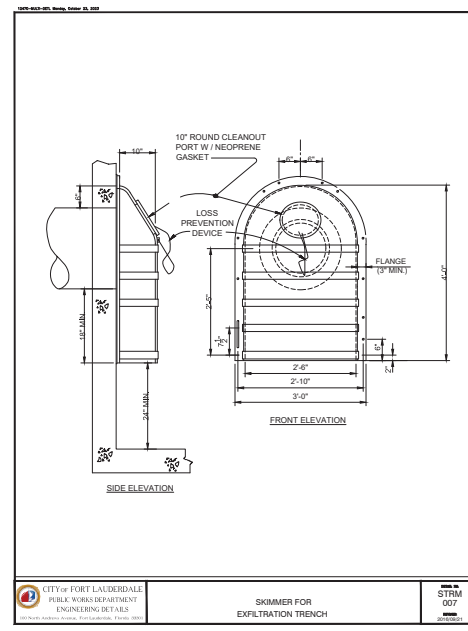
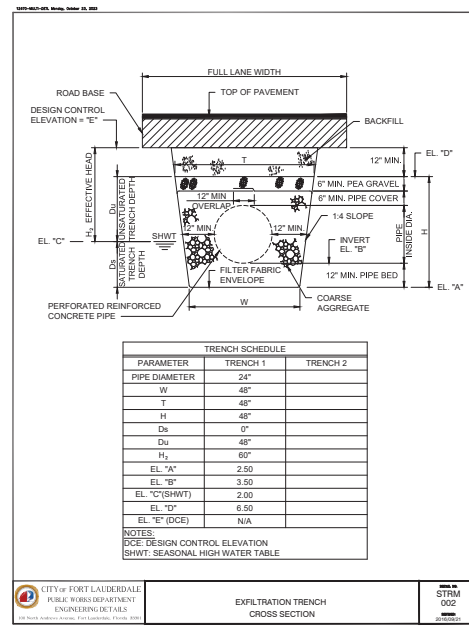
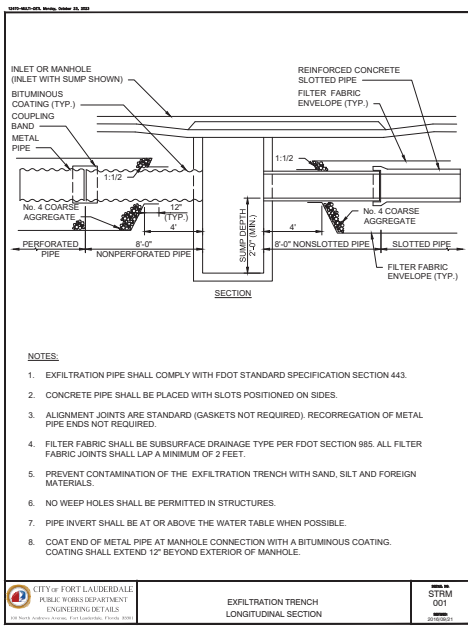
GNRL  
001  
2017/02/19

DETAIL B  
CONNECTION OF PROPOSED 5' WIDE SIDEWALK  
WITH EXISTING BUS LANDING PAD  
N.T.S.









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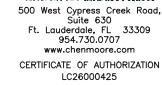
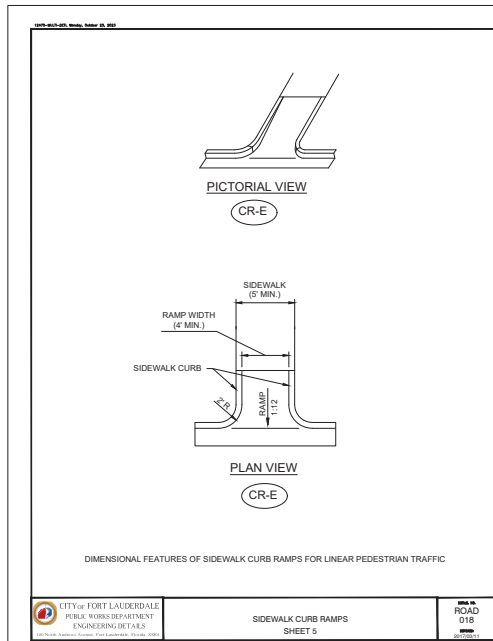
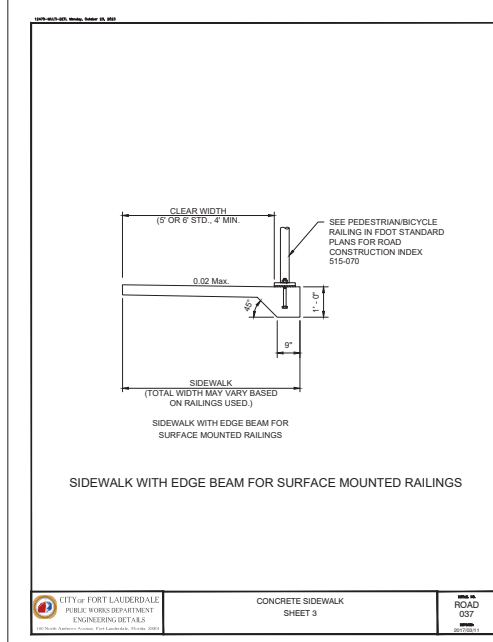
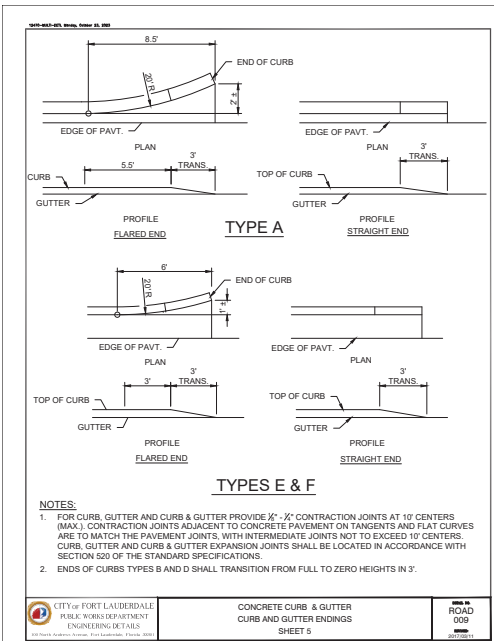
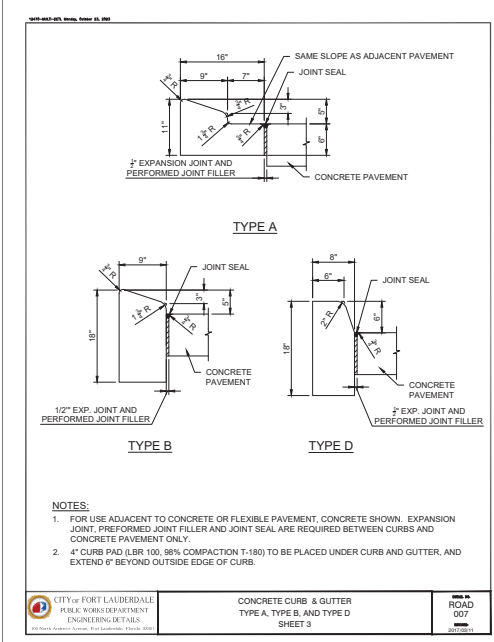
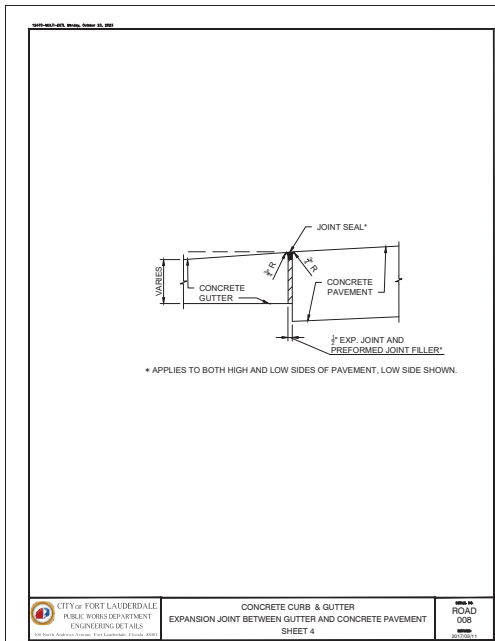
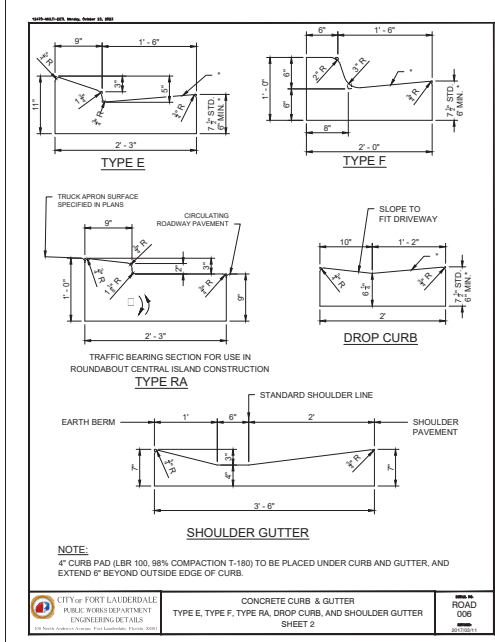
**CITY OF FORT LAUDERDALE**  
 TRANSPORTATION & MOB. DEPT.  
 ENGINEERING & ARCHITECTURE  
 100 North Andrews Avenue, Fort Lauderdale, Florida 33301

NO.	DATE	BY	DESCRIPTION
1	11/17/2022	AA	COUNT AND CITY COMMENTS
2	04/14/2023	AA	COUNTED COMMENTS
3	08/12/2023	AA	CITY COMMENTS
4	08/11/2023	AA	LIGHTING REVISION

**PROJECT # 12470**  
**NW 15TH AVENUE STREET SCALE**

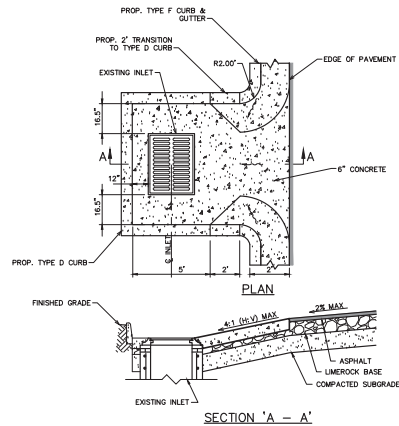
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**DET-2**  
**32**  
**85**  
**12470-MULTI-DET**  
**4-XXX-XX**

**Sunshine**  
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 Check positive response codes before you dig!

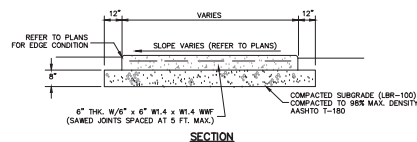


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<b>PROJECT # 12470</b> <b>NW 15TH AVENUE STREET SCOPE</b>  <b>DETAILS</b>		<b>REVISIONS</b>		<b>CITY OF FORT LAUDERDALE</b> <b>TRANSPORTATION &amp; MOB. DEPT.</b> <b>ENGINEERING &amp; ARCHITECTURE</b>  100 North Andrews Avenue, Fort Lauderdale, Florida, 33301		<b>PROJEN: 2020</b> <b>DESIGNER: PATRICK D. KIMBROUGH, P.E.</b> <b>ISS: NO. 79535</b> <b>DATE: 07/27/2020</b>	
DRAWING #		SHEET #		DATE		DATE	
<b>DET-3</b>		<b>33</b>		<b>85</b>			
TOTAL:		SHEET #		DATE		DATE	
<b>DET-3</b>		<b>33</b>		<b>85</b>			
TOTAL:		SHEET #		DATE		DATE	
<b>DET-3</b>		<b>33</b>		<b>85</b>			
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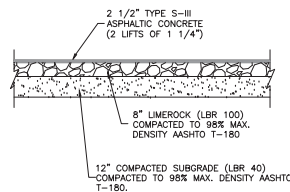


**FLUME CONNECTION BETWEEN PROPOSED CURB AND EXISTING STRUCTURE**  
 N.T.S.

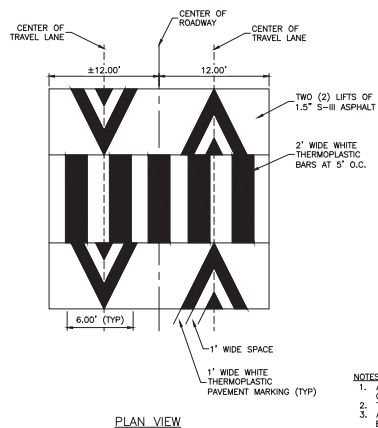


- NOTES**
1. CONCRETE TO BE CLASS 1, 3,000 PSI IN 28 DAYS.
  2. USE OF FIBER REINFORCED CONCRETE IS PROHIBITED.
  3. SIDEWALK SLOPES SHALL MEET THE REQUIREMENTS OF THE AMERICAN WITH DISABILITIES ACT.
  4. INCLUDES ANY CUT AND/OR FILL TO ACHIEVE DESIGN SLOPES.
  5. PROVIDE 1/4" CONSTRUCTION JOINTS AT 5' O.C. MINIMUM DEPTH 1/2".
  6. PROVIDE 1/2" EXPANSION JOINTS W/ NON-RISE FILLER AT 30' O.C.
  7. CURE ALL CONCRETE WITH CLEAN SAND, PLASTIC MEMBRANE, OR OTHER APPROVED METHOD.

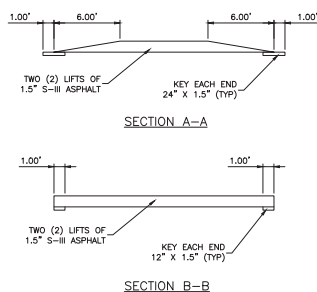
**CONCRETE DRIVEWAY/SHARED-USE PATH SECTION**  
 N.T.S.



**FULL DEPTH PAVEMENT SECTION**  
 N.T.S.

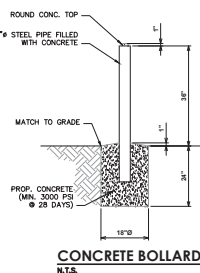


**PLAN VIEW**

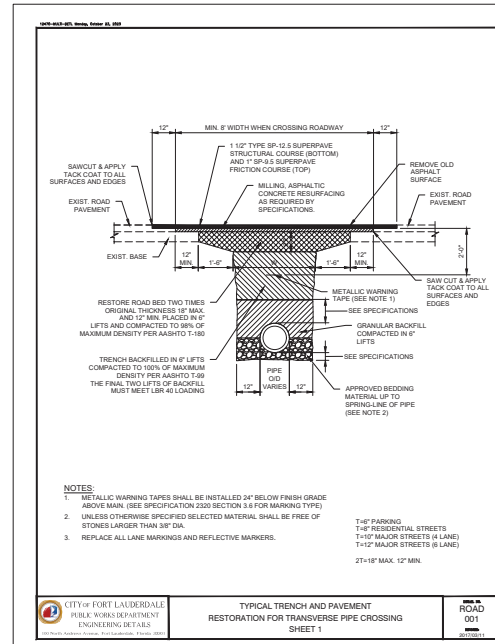


- NOTES:**
1. ALL RAISED CROSSWALKS SHALL BE INSTALLED IN TWO (2) LIFTS OF S-III ASPHALT.
  2. TACK COAT TO BE APPLIED PRIOR TO LAYING THE S-III ASPHALT.
  3. A MAINTENANCE OF TRAFFIC PLAN SHALL BE ESTABLISHED FOR EACH RAISED CROSSWALK INSTALLATION.
  4. ALL STRIPING AND SIGNAGE DIRECTLY PERTAINING TO RAISED CROSSWALKS, RAISED INTERSECTIONS, AND CROSSWALKS ARE NOT BEING MAINTAINED.

**RAISED CROSSWALK DETAIL**  
 N.T.S.



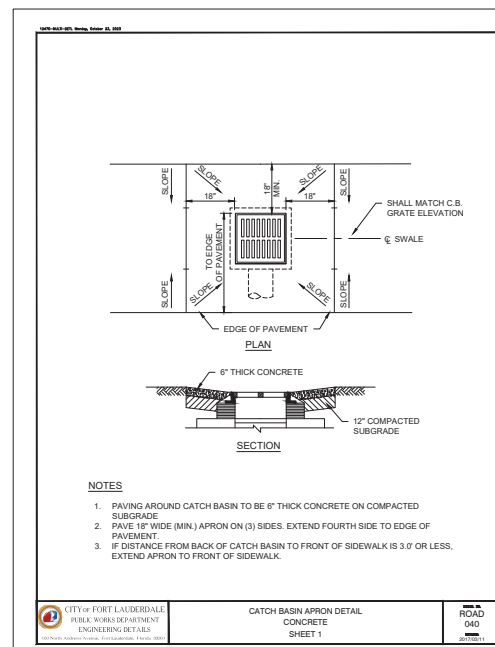
**CONCRETE BOLLARD**  
 N.T.S.



- NOTES:**
1. METALLIC WARNING TAPES SHALL BE INSTALLED 24" BELOW FINISH GRADE ABOVE MAIN. (SEE SPECIFICATION 2320 SECTION 5.6 FOR MARKING TYPE)
  2. UNLESS OTHERWISE SPECIFIED SELECTED MATERIAL SHALL BE FREE OF STONES LARGER THAN 3/8" DIA.
  3. REPLACE ALL LANE MARKINGS AND REFLECTIVE MARKERS.

T-1/4" PARKING  
 T-1/4" RESIDENTIAL STREETS  
 T-1/4" MAJOR STREETS (4 LANE)  
 T-1/4" MAJOR STREETS (6 LANE)  
 27"=18" MAX. 12" MIN.

**CITY OF FORT LAUDERDALE**  
 PUBLIC WORKS DEPARTMENT  
 ENGINEERING DETAILS  
 TYPICAL TRENCH AND PAVEMENT  
 RESTORATION FOR TRANSVERSE PIPE CROSSING  
 SHEET 1  
 ROAD  
 001



- NOTES**
1. PAVING AROUND CATCH BASIN TO BE 6" THICK CONCRETE ON COMPACTED SUBGRADE.
  2. PAVE 18" WIDE (MIN.) APRON ON (3) SIDES. EXTEND FOURTH SIDE TO EDGE OF PAVEMENT.
  3. IF DISTANCE FROM BACK OF CATCH BASIN TO FRONT OF SIDEWALK IS 3.0' OR LESS, EXTEND APRON TO FRONT OF SIDEWALK.

**CITY OF FORT LAUDERDALE**  
 PUBLIC WORKS DEPARTMENT  
 ENGINEERING DETAILS  
 CATCH BASIN APRON DETAIL  
 CONCRETE  
 SHEET 1  
 ROAD  
 040

**cma**  
 500 West Cypress Creek Road,  
 Suite 630  
 Ft. Lauderdale, FL 33309  
 954-750-0707  
 www.chenmoore.com  
 CERTIFICATE OF AUTHORIZATION  
 LC26000425

**Sunshine811**  
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**PERMIT SET**

**PROJECT # 12470**  
**NW 15TH AVENUE STREET SCAPE**

**DRAWING #**  
**DET-4**

**SHEET**  
**34**

**CAD FILE:**  
 12470-MULTI-DETL

**DRAWING FILE NO.**  
 4-XXX-XX

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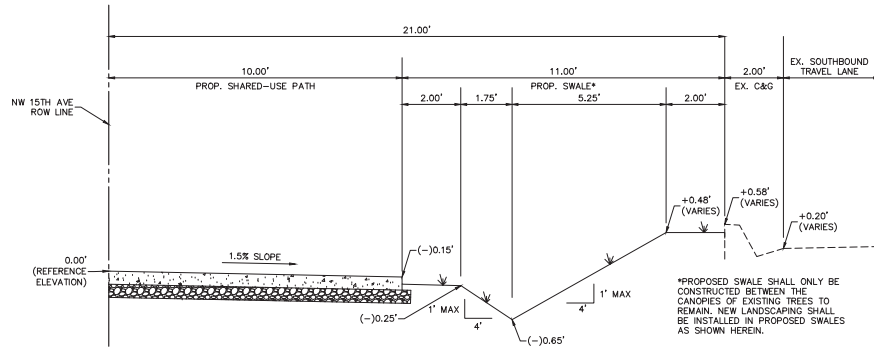
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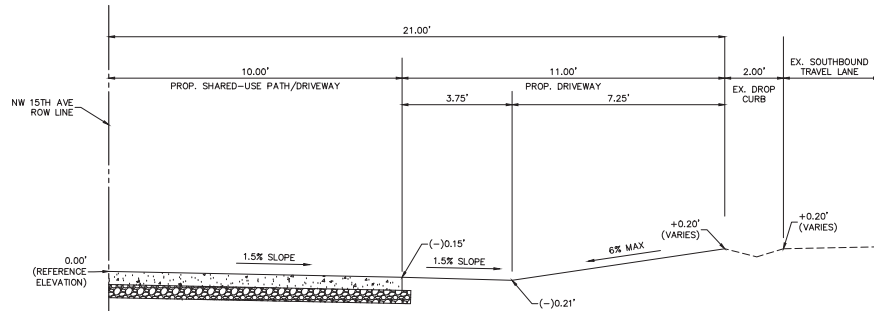
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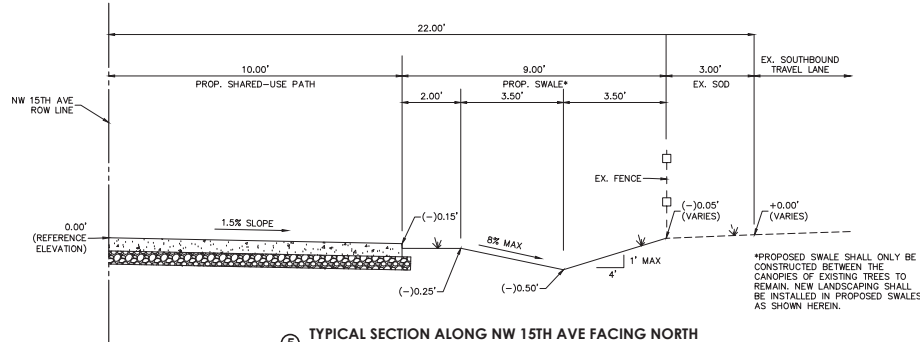
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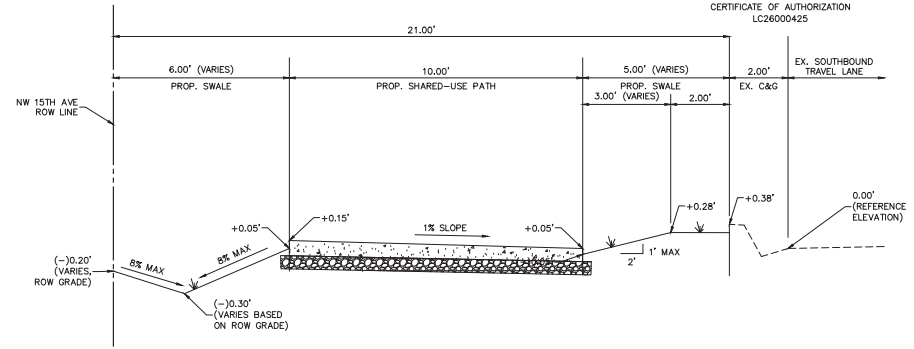
1 TYPICAL SECTION ALONG NW 15TH AVE FACING NORTH (SWALE)  
 N.T.S.  
 STA. 6+00 TO 25+50  
 STA. 27+50 TO 38+50  
 STA. 49+50 TO 52+50



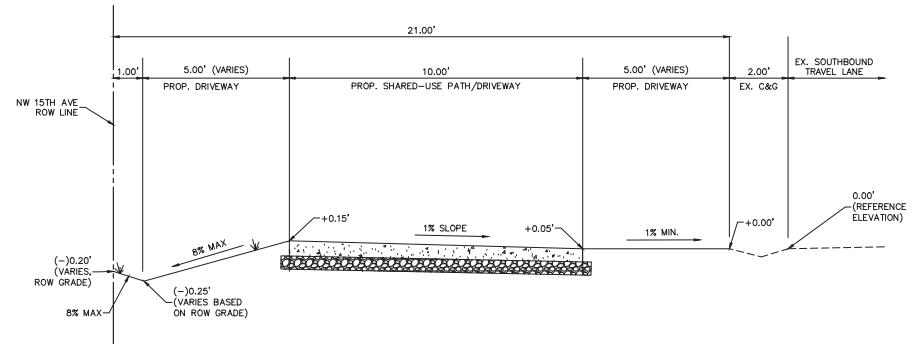
3 TYPICAL SECTION ALONG NW 15TH AVE FACING NORTH (DRIVEWAY)  
 N.T.S.  
 STA. 6+00 TO 25+50  
 STA. 27+50 TO 38+50  
 STA. 49+50 TO 52+50



5 TYPICAL SECTION ALONG NW 15TH AVE FACING NORTH  
 N.T.S.  
 STA. 57+00 TO 71+50



2 TYPICAL SECTION ALONG NW 15TH AVE FACING NORTH (MEANDERING PATH/SWALE)  
 N.T.S.  
 STA. 25+50 TO 27+50  
 STA. 38+50 TO 49+50  
 STA. 52+50 TO 57+00



4 TYPICAL SECTION ALONG NW 15TH AVE FACING NORTH (MEANDERING PATH/SWALE)  
 N.T.S.  
 STA. 25+50 TO 27+50  
 STA. 38+50 TO 49+50  
 STA. 52+50 TO 57+00

- NOTES:
- CONTRACTOR SHALL MATCH FINISHED ELEVATION OF PROPOSED MULTI-USE PATH/DRIVEWAY TO EXISTING PROPERTY ELEVATION AT NW 15TH AVENUE RIGHT-OF-WAY (ROW) LINE. GRADES SHOWN ALONG ROW ARE APPROXIMATE BASED ON AVAILABLE SURVEY DATA.
  - SHARED-USE PATH CROSS SLOPE SHALL BE A MINIMUM OF 0.5% AND A MAXIMUM OF 2.0%.
  - ELEVATIONS SHOWN IN THE ABOVE CROSS-SECTIONS ARE ALL IN RELATION TO THE REFERENCE GRADE NOTED IN THE SECTION. ELEVATIONS SHOWN ARE NOT IN FT-NAVD.

**cma**  
 500 West Cypress Creek Road,  
 Suite 630  
 Ft. Lauderdale, FL 33309  
 954-750-0707  
 www.chenmoore.com  
 CERTIFICATE OF AUTHORIZATION  
 LC26000425

PROJECT # 12470  
 NW 15th Avenue Streetcape  
 DETAILS

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APPROVED BY: [Signature]  
 DATE: 04/17/2025  
 DESIGNED BY: [Signature]  
 CHECKED BY: [Signature]  
 PLOTTED BY: [Signature]

CITY OF FORT LAUDERDALE  
 TRANSPORTATION & MOB. DEPT.  
 ENGINEERING & ARCHITECTURE  
 100 North Andrews Avenue, Fort Lauderdale, Florida 33301

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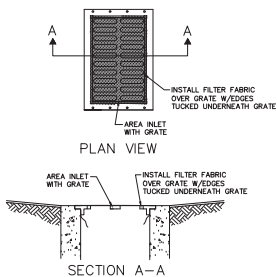
## EROSION & SEDIMENT CONTROL NOTES

THE CONTRACTOR IS REQUIRED TO ADHERE TO THE REQUIREMENT OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES). THE CONTRACTOR SHALL INSTITUTE BEST MANAGEMENT PRACTICES (BMPs) TO ENSURE COMPLIANCE WITH THE NPDES PROGRAM AND TO MINIMIZE THE IMPACT TO PUBLIC STORMWATER FACILITIES. A PERMIT OF INTEREST (POI) SHALL BE FILED PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES.

PRIOR TO CONSTRUCTION, A SILT FENCE IN ACCORDANCE WITH FOOT INDEX 102 (LATEST VERSION) TYPE III SILT FENCE WILL BE INSTALLED AROUND ALL THE EXISTING DITCH/CATCH BASINS. ALL PROPOSED CATCH BASINS WILL HAVE THEIR INLETS PROTECTED BY THE INSTALLATION OF FILTER FABRIC INTO THE FRAME AND GRADE. THIS SILT FENCE AND FILTER FABRIC WILL REMAIN IN PLACE DURING THE ENTIRE DURATION OF CONSTRUCTION.

CONTRACTOR WILL BRACE ALL EXISTING LANDSCAPING TO REMAIN PRIOR TO BEGINNING ANY WORK AND WILL ENSURE THEIR STABILIZATION THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS. EXISTING SOD DISTURBED BY CONSTRUCTION THAT IS NOT AFFECTED BY PROPOSED GRADING WILL BE RESTORED TO ITS ORIGINAL STATE UPON COMPLETION OF CONSTRUCTION. SLOPED SLOPES STEEPER THAN A HORIZONTAL TO 1 VERTICAL WILL BE PEGGED.

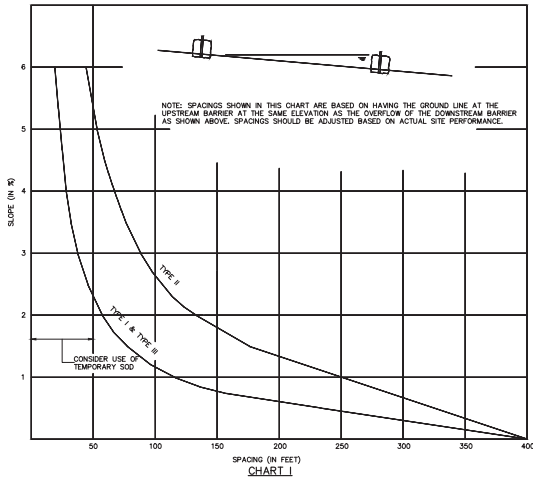
ALL WASTE GENERATED FROM THE CONSTRUCTION SHALL BE DISCARDED IN ACCORDANCE WITH ALL APPLICABLE STATE, LOCAL AND FEDERAL REGULATIONS. CONTRACTOR IS TO OBTAIN ALL APPLICABLE CODES AND BECOME FAMILIAR WITH STATE, LOCAL AND FEDERAL REGULATIONS PRIOR TO BEGINNING CONSTRUCTION. REGULATIONS CAN BE FOUND, BUT NOT LIMITED TO, DEPARTMENT OF ENVIRONMENTAL RESOURCE MANAGEMENT AND DEPARTMENT OF ENVIRONMENTAL PROTECTION.



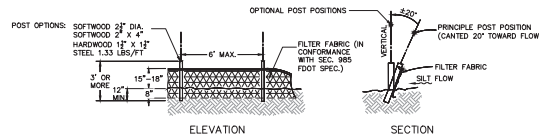
THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 2%) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 FPS) ARE TYPICAL.

## AREA INLET PROTECTION DETAIL

N.T.S.

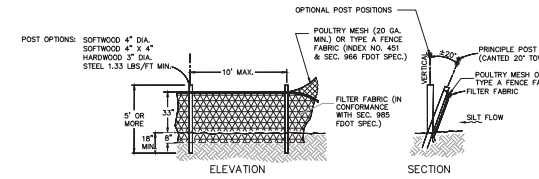


RECOMMENDED SPACING FOR BALED HAY BARRIERS AND TYPE III SILT FENCE  
N.T.S.



## TYPE III SILT FENCE

N.T.S.

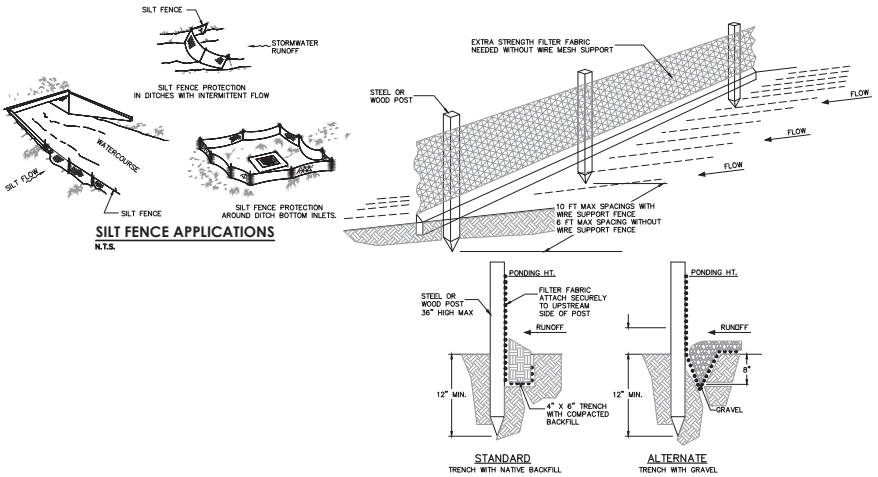


## TYPE IV SILT FENCE

N.T.S.

## GENERAL NOTES

- TYPE II SILT FENCE TO BE USED AT MOST LOCATIONS, WHERE USED IN DITCHES, THE SPACING FOR TYPE II SILT FENCE SHALL BE IN ACCORDANCE WITH CHART 1, SHEET 1.
- TYPE IV SILT FENCE TO BE USED WHERE LARGE SEDIMENT LOADS ARE ANTICIPATED. SUGGESTED USE IS WHERE FILL SLOPE IS 1:2 OR STEEPER AND LENGTH OF SLOPE EXCEEDS 25 FEET. AVOID USE WHERE DETAINED WATER MAY BACK INTO TRAVEL LANES OR OFF THE RIGHT-OF-WAY.
- DO NOT CONSTRUCT SILT FENCES ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.
- WHERE USED AS SLOPE PROTECTION, SILT FENCE IS TO BE CONSTRUCTED ON OR LONGITUDINAL GRADE TO AVOID CHANNELING RUNOFF ALONG THE LENGTH OF THE FENCE.



## NOTES

- INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
- REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
- SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

## SILT FENCE INSTALLATION

N.T.S.

## SHEET FLOW APPLICATION: SILT FENCE

THIS SEDIMENT BARRIER USES STANDARD STRENGTH OR EXTRA STRENGTH SYNTHETIC FILTER FABRICS. IT IS DESIGNED FOR SITUATIONS IN WHICH ONLY SHEET OR OVERLAND FLOWS ARE EXPECTED.

- THE HEIGHT OF A SILT FENCE SHALL NOT EXCEED 36 INCHES (90 cm). HIGHER FENCES MAY IMPROVE VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE.
- THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED AS DESCRIBED IN ITEM NO. 8, BELOW.
- POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET (3 m) APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 12 INCHES (30 cm). WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 4 FEET (1.2 m).
- A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES (10 cm) WIDE AND 4 INCHES (10 cm) DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
- WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH (25 mm) LONG. THE WIRE, OR HOG RINGS, THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES (5 cm) AND SHALL NOT EXTEND MORE THAN 36 INCHES (90 cm) ABOVE THE ORIGINAL GROUND SURFACE.
- THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRE TO THE FENCE, AND 8 INCHES (20 cm) OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES (90 cm) ABOVE THE ORIGINAL GROUND SURFACE.
- WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. INSTEAD, THE FABRIC SHALL BE STAPLED OR WIRE DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF ITEM NO. 6, APPLYING.
- WHEN ATTACHING TWO SILT FENCES TOGETHER, PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE. ROTATE BOTH POSTS AT LEAST 180 DEGREES ON A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FILTER FABRIC. DRIVE BOTH POSTS INTO THE GROUND AND BURY THE FLAG.

- THE TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC.
- THE MOST EFFECTIVE APPLICATION CONSISTS OF A DOUBLE ROW OF SILT FENCES SPACED A MINIMUM OF THREE FEET APART. THE THREE POST SEPARATION IS SO THAT IF THE FIRST ROW COLLAPSES IT WILL NOT FALL ON THE SECOND ROW. WIRE OR SYNTHETIC MESH MAY BE USED TO REINFORCE THE FIRST ROW.
- WHEN USED TO CONTROL SEDIMENTS FROM A STEEP SLOPE, SILT FENCES SHOULD BE PLACED AWAY FROM THE TOE OF THE SLOPE FOR INCREASED HOLDING CAPACITY.
- SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.

## CHANNEL FLOW APPLICATIONS

- IF A FILTER BARRIER IS TO BE CONSTRUCTED ACROSS A DITCH LINE OR SWALE, THE BARRIER SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE BOTTOM OF THE END SECTIONS OF THE FENCE ARE HIGHER IN ELEVATION THAN THE TOP OF THE CENTER SECTION TO ELIMINATE END FLOW. THE PLAN CONFIGURATION SHALL RESEMBLE AN ARC OR HORSESHOE WITH THE ENDS ORIENTED UPSLOPE.

- USE FOOT STANDARD INDEX 102, CHART 1 AS A GUIDE FOR SPACING.

## MAINTENANCE

- SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE BEFORE THE END OF THE EXPECTED USABLE LIFE, AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
- SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
Check positive response codes before you dig!

CAN 25-0128

Exhibit 1

Page 65 of 90

DESIGNED BY: P. E. PATRICK D. JAMNIALE  
DRAWN BY: J. B. BROWN  
CHECKED BY: J. B. BROWN  
DATE: 04/17/2023

PROJECT: 12470-MULTI-DETL  
SHEET: 65 OF 90

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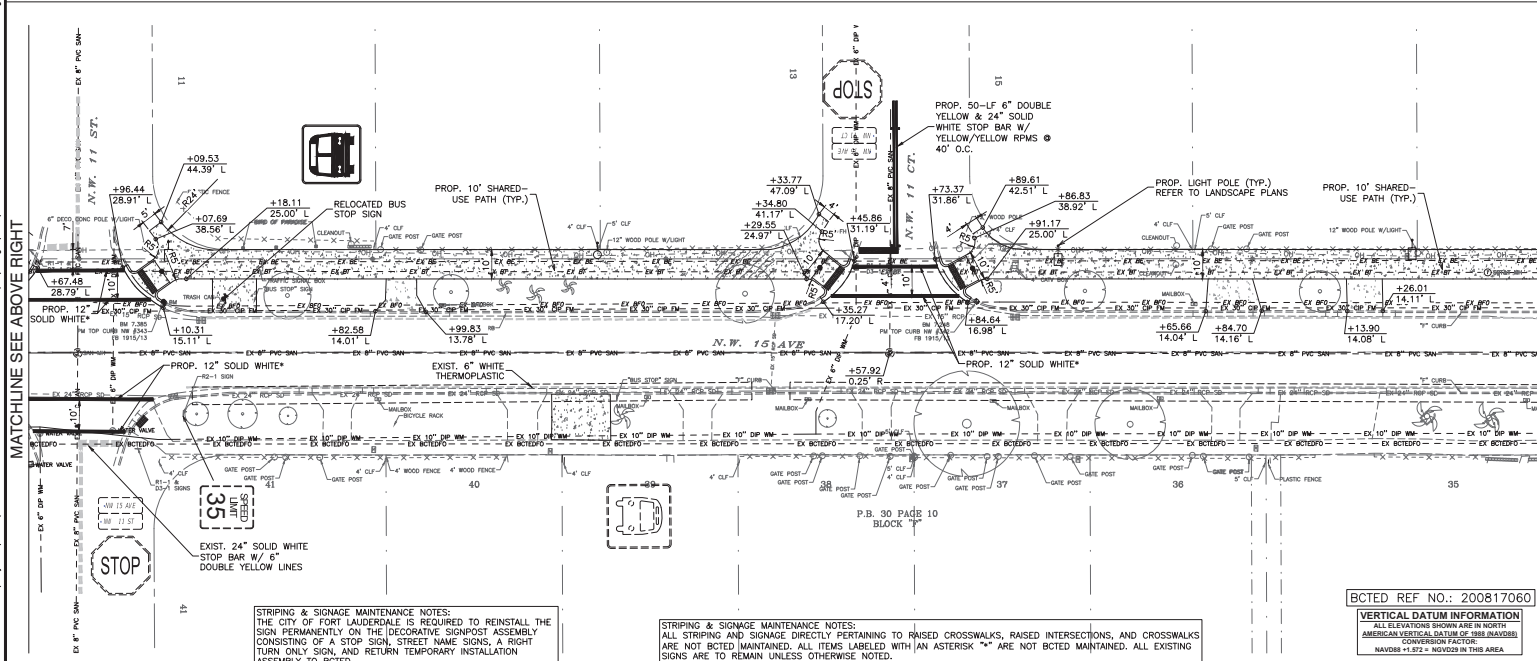
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Plot Date: 10/23/2023 2:43:07 PM Username: klych Layout Name: SM-1  
Folder Path: \\V:\projects\2500\2500-12470-MULTI-STRIP.dwg Plotter: 12470-MULTI-STRIP.dwg



MATCHLINE SEE BELOW LEFT

MATCHLINE SEE DRAWING SM-2

- EXISTING CONDITIONS NOTES:**
1. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE DERIVED FROM DRAWING FILES PROVIDED BY THE CITY OF FORT LAUDERDALE DATED 3/30/20. ADDITIONAL INFORMATION WAS OBTAINED FROM BUT NOT LIMITED TO AS-BUILT PLANS, ATLAS RECORDS, GIS INFORMATION AND/OR RECORD DRAWINGS. DISCREPANCIES BETWEEN EXISTING CONDITIONS SHOWN IN THE PROVIDED DRAWING AND AS OBSERVED IN THE FIELD EXIST. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
  2. EXISTING UTILITIES SHOWN BASED ON UTILITY AS-BUILTS AND BEST AVAILABLE INFORMATION. CONTRACTOR TO FIELD LOCATE AND CONFIRM ALL UTILITIES, WHETHER SHOWN OR NOT, PRIOR TO ANY CONSTRUCTION & NOTIFY ENGINEER OF ANY DISCREPANCIES.
  3. ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- SIGNING AND MARKING NOTES:**
1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
  2. BI-DIRECTIONAL YELLOW/YELLOW REFLECTIVE PAVEMENT MARKERS SHALL BE PROVIDED AT 40' INTERVALS CENTERED BETWEEN YELLOW SKIP STRIPES.
  3. ONE BI-DIRECTIONAL YELLOW/YELLOW REFLECTIVE PAVEMENT MARKER SHALL BE PROVIDED AT 40' INTERVALS ON EACH SIDE OF DOUBLE YELLOW STRIPES.
  4. ONE BI-DIRECTIONAL YELLOW/YELLOW REFLECTIVE PAVEMENT MARKER SHALL BE PROVIDED AT EACH END OF 18' YELLOW STRIPES ON EACH SIDE OF DOUBLE YELLOW STRIPES.
  5. BI-DIRECTIONAL COLORLESS/RED REFLECTIVE PAVEMENT MARKERS SHALL BE PROVIDED AT 20' INTERVALS ALONG SOLID WHITE LINES (NOT ON EDGE OF PAVEMENT LINES).
  6. ALL SIGNING, PAVEMENT MARKINGS AND PLACEMENT OF REFLECTIVE PAVEMENT MARKERS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES MANUAL (MUTCD), LATEST VERSION.
  7. ALL PAVEMENT MARKING SHALL BE HOT APPLIED THERMOPLASTIC MANUFACTURED AND APPLIED IN ACCORDANCE WITH FOOT STANDARD SPECIFICATION SECTION 711, LATEST EDITION.
  8. REFLECTIVE PAVEMENT MARKERS SHALL BE CLASS B MARKERS MANUFACTURED IN ACCORDANCE WITH FOOT STANDARD SPECIFICATION 706, LATEST EDITION AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED PROCEDURES.
  9. ALL SIGNS SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
  10. ALL 'R1-1' & 'D3' SIGNS SHALL BE DIAMOND GRADE.
  11. THE PUBLIC ROADWAYS INDICATED IN THESE PLANS HAVE BEEN DESIGNED SUBSTANTIALLY IN ACCORDANCE WITH THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS-STATE OF FLORIDA.
  12. METHOD OF REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE BY WATER JETTING OR SAND BLASTING.
  13. THE CONTRACTOR SHALL VERIFY PROPER STREET NAMES AND NUMBERS WITH AN APPROVED ADDRESS PLAN PRIOR TO ORDERING AND INSTALLING 'D3' SIGNS.
  14. ALL TRAFFIC CONTROL DEVICES MAINTAINED BY BROWARD COUNTY, THAT ARE REMOVED OR DAMAGED BY CONSTRUCTION, SHALL BE REPLACED BY CONTRACTOR USING CURRENT BROWARD COUNTY TRAFFIC ENGINEERING DIVISION STANDARDS.



**PROJECT # 12470**  
**NW 15th AVENUE STREET SCOPE**

**PERMIT SET**

**DRAWING # SM-1** **SHEET # 37**

**TOTAL: 85**

**CAD FILE: 12470-MULTI-STRIP**

**DRAWING FILE NO: 4-XXX-XX**

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	11/17/2023	AA	COUNTY AND CITY COMMENTS
2	04/14/2024	AA	COUNTY COMMENTS
3	08/12/2024	AA	CITY COMMENTS
4	04/11/2025	AA	LIGHTING REVISION

**CITY OF FORT LAUDERDALE**  
**TRANSPORTATION & MOB. DEPT.**  
**ENGINEERING & ARCHITECTURE**

100 North Andrews Avenue, Fort Lauderdale, Florida 33301

**DESIGNED BY: PATRICK D. LAMMIE, P.E.**  
REG. NO. 70633  
ISSUED 04/24/2025

**DRAWN BY: AA**  
DATE: 04/27/2020

**CHECKED BY: NSK**  
DATE: 04/27/2020

**IN CHARGE: PDK**  
DATE: 04/27/2020

**FIELD NOOK: FIELD NOOK**  
DATE: 04/27/2020



MATCHLINE SEE DRAWING SM-1

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MATCHLINE SEE DRAWING SM-3



500 West Cypress Creek Road,  
 Suite 630  
 Ft. Lauderdale, FL 33309  
 954-750-0707  
 www.chenmoore.com  
 CERTIFICATE OF AUTHORIZATION  
 LC26000425



0 20' 40'

# EXISTING CONDITIONS NOTES:

1. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE DERIVED FROM DRAWING FILES PROVIDED BY THE CITY OF FORT LAUDERDALE DATED 3/30/20. ADDITIONAL INFORMATION WAS OBTAINED FROM BUT NOT LIMITED TO AS-BUILT PLANS, ATLAS RECORDS, GIS INFORMATION AND/OR RECORD DRAWINGS. DISCREPANCIES BETWEEN EXISTING CONDITIONS SHOWN ON THE PROVIDED PLANS AND AS-BUILT CONDITIONS OBSERVED IN THE FIELD EXIST. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
2. EXISTING UTILITIES SHOWN BASED ON UTILITY AS-BUILTS AND BEST AVAILABLE INFORMATION. CONTRACTOR TO FIELD LOCATE AND CONFIRM ALL UTILITIES, WHETHER SHOWN OR NOT, PRIOR TO ANY CONSTRUCTION & NOTIFY ENGINEER OF ANY DISCREPANCIES.
3. ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

# SIGNING AND MARKING NOTES:

1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
2. BI-DIRECTIONAL YELLOW/YELLOW REFLECTIVE PAVEMENT MARKERS SHALL BE PROVIDED AT 40' INTERVALS CENTERED BETWEEN YELLOW SKIP STRIPES.
3. ONE BI-DIRECTIONAL YELLOW/YELLOW REFLECTIVE MARKER SHALL BE PROVIDED AT 40' INTERVALS ON EACH SIDE OF DOUBLE YELLOW STRIPES.
4. ONE BI-DIRECTIONAL YELLOW/YELLOW REFLECTIVE PAVEMENT MARKER SHALL BE PROVIDED AT EACH END OF 18' YELLOW STRIPES ON EACH SIDE OF DOUBLE YELLOW STRIPES.
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7. ALL PAVEMENT MARKING SHALL BE HOT APPLIED THERMOPLASTIC MANUFACTURED AND APPLIED IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION SECTION 711, LATEST EDITION.
8. REFLECTIVE PAVEMENT MARKERS SHALL BE CLASS B MARKERS MANUFACTURED IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION 705, LATEST EDITION AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED PROCEDURES.
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12. METHOD OF REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE BY WATER JETTING OR SAND BLASTING.
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14. ALL TRAFFIC CONTROL DEVICES MAINTAINED BY BROWARD COUNTY, THAT ARE REMOVED OR DAMAGED BY CONSTRUCTION, SHALL BE REPLACED BY THE CONTRACTOR USING CURRENT BROWARD COUNTY TRAFFIC ENGINEERING DIVISION STANDARDS.

**CITY OF FORT LAUDERDALE**  
 TRANSPORTATION & MOB. DEPT.  
 ENGINEERING & ARCHITECTURE

PROJECT # 12470  
 NW 15TH AVENUE STREET SCAPE  
 PAVEMENT STRIPING

DATE: 04/17/2020  
 DESIGNED BY: SCALE: 1"=20'  
 CHECKED BY: PDK  
 FIELD NOOK: 04-750-0707  
 04-750-0707

NO.	DATE	BY	DESCRIPTION
1	11/17/2020	AA	COUNTY AND CITY COMMENTS
2	04/14/2021	AA	COUNTY COMMENTS
3	08/12/2021	AA	CITY COMMENTS
4	04/11/2023	AA	LIGHTING REVISION

**Sunshine811**  
 Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
 Check positive response codes before you dig!

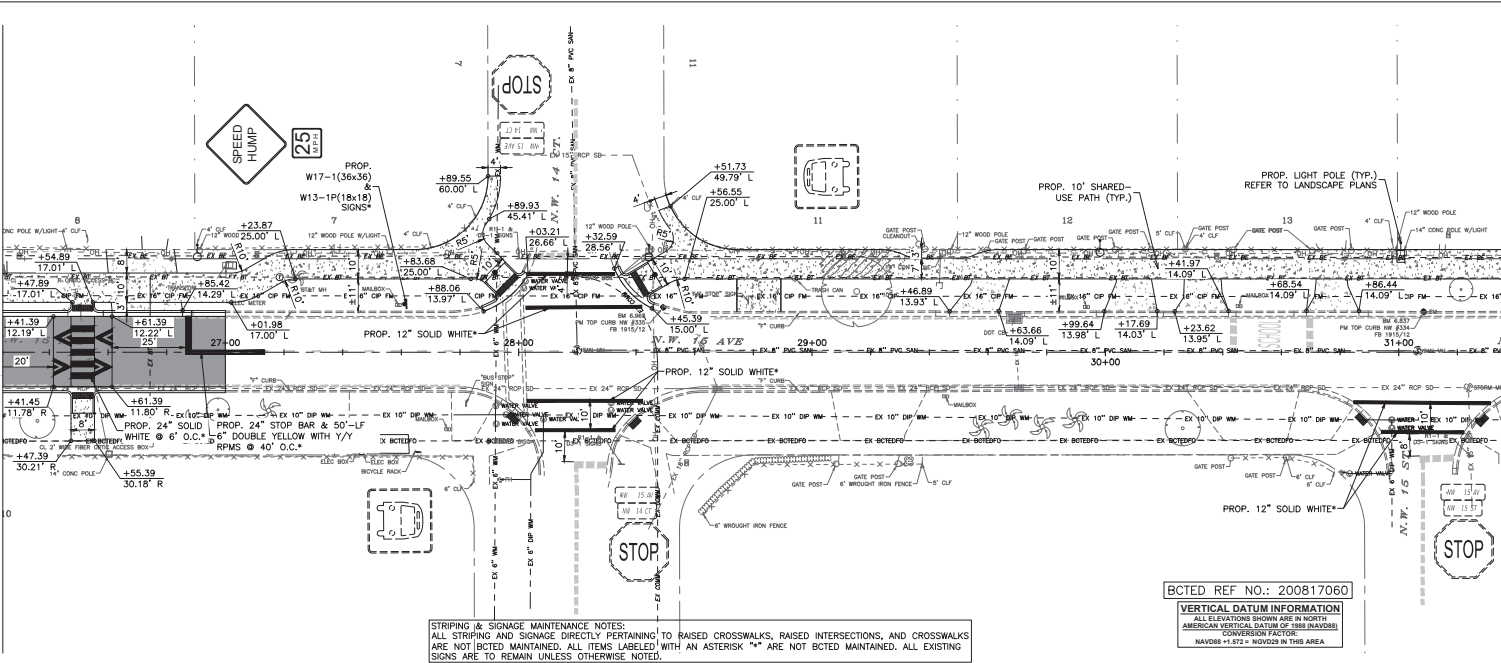
**PERMIT SET**

DRAWING # **SM-2** SHEET # **38**  
 TOTAL: 85  
 CAD FILE: 12470-MULTI-STRP  
 DRAWING FILE NO. 4-XXX-XX



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STRIPING & SIGNAGE MAINTENANCE NOTES:  
ALL STRIPING AND SIGNAGE DIRECTLY PERTAINING TO RAISED CROSSWALKS, RAISED INTERSECTIONS, AND CROSSWALKS ARE NOT BCTED MAINTAINED. ALL ITEMS LABELED WITH AN ASTERISK "\*" ARE NOT BCTED MAINTAINED. ALL EXISTING SIGNS ARE TO REMAIN UNLESS OTHERWISE NOTED.

BCTED REF NO.: 200817060

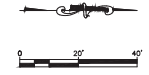
VERTICAL DATUM INFORMATION  
ALL ELEVATIONS SHOWN ARE IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD83)  
CONVERSION FACTOR:  
NAVD83 +1.872 = NAVD83 IN THIS AREA

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- EXISTING CONDITIONS NOTES:
1. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE DERIVED FROM DRAWING FILES PROVIDED BY THE CITY OF FORT LAUDERDALE DATED 3/30/20. ADDITIONAL INFORMATION WAS OBTAINED FROM BUT NOT LIMITED TO AS-BUILT PLANS, ATLAS RECORDS, GIS INFORMATION AND/OR RECORD DRAWINGS. DISCREPANCIES BETWEEN EXISTING CONDITIONS SHOWN IN THE PROVIDED DRAWING AND AS OBSERVED IN THE FIELD EXIST. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
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  5. BI-DIRECTIONAL COLORLESS/RED REFLECTIVE PAVEMENT MARKERS SHALL BE PROVIDED AT 20' INTERVALS ALONG SOLID WHITE LINES (NOT ON EDGE OF PAVEMENT LINES).
  6. ALL SIGNING, PAVEMENT MARKINGS AND PLACEMENT OF REFLECTIVE PAVEMENT MARKERS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES MANUAL (MUTCD), LATEST VERSION.
  7. ALL PAVEMENT MARKING SHALL BE HOT APPLIED THERMOPLASTIC MANUFACTURED AND APPLIED IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION SECTION 711, LATEST EDITION.
  8. REFLECTIVE PAVEMENT MARKERS SHALL BE CLASS B MARKERS MANUFACTURED IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION 706, LATEST EDITION AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED PROCEDURES.
  9. ALL SIGNS SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
  10. ALL "R1-1" & "D3" SIGNS SHALL BE DIAMOND GRADE.
  11. THE PUBLIC ROADWAYS INDICATED IN THESE PLANS HAVE BEEN DESIGNED SUBSTANTIALLY IN ACCORDANCE WITH THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS-STATE OF FLORIDA.
  12. METHOD OF REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE BY WATER JETTING OR SAND BLASTING.
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**cma**  
800 West Cypress Creek Road,  
Suite 630  
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954-750-0707  
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CERTIFICATE OF AUTHORIZATION  
LC26000425



**PERMIT SET**

**PROJECT # 12470**  
**NW 15TH AVENUE STREET SCOPE**  
**PAVEMENT STRIPING**

**DRAWING # SM-3**  
**SHEET # 39**

**SUNSHINE**  
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
Check positive response codes before you dig!

**REVISIONS**

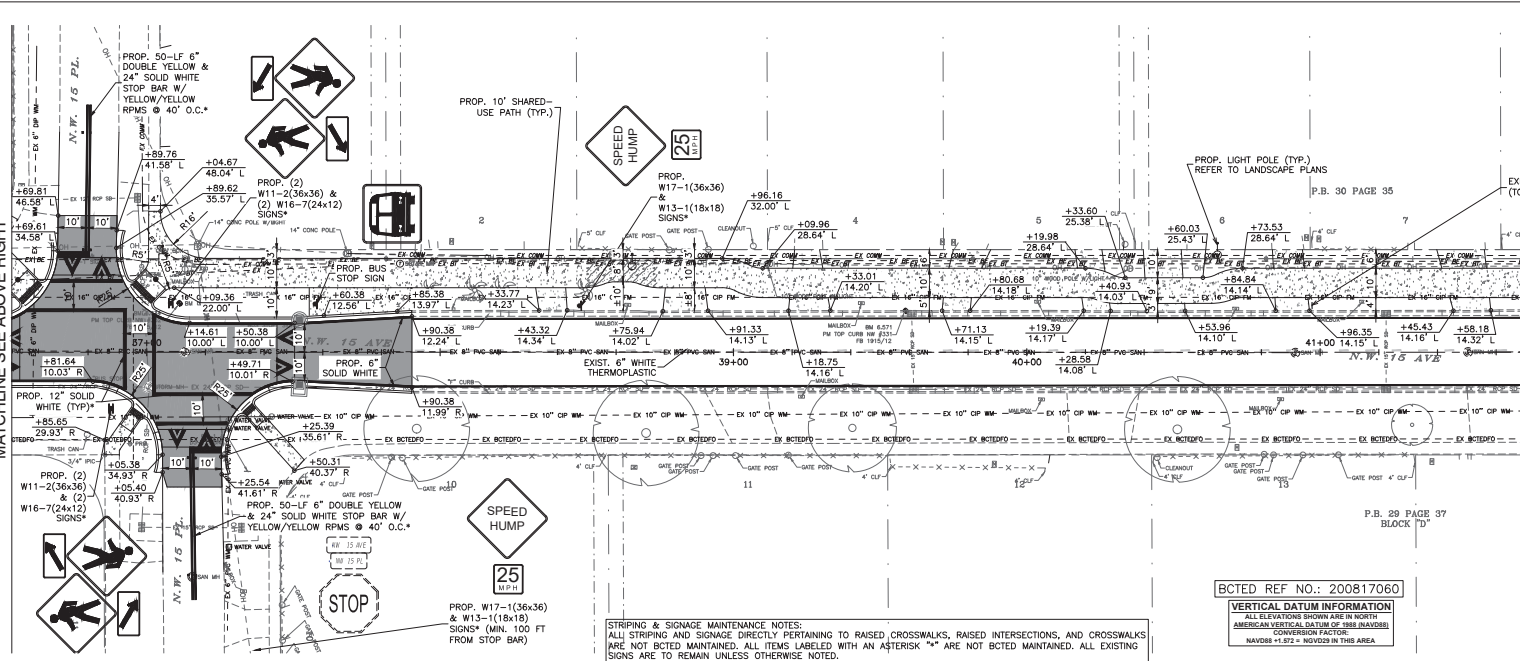
NO.	DATE	BY	DESCRIPTION
1	11/17/2020	AA	COUNTY AND CITY COMMENTS
2	04/14/2021	AA	COUNTY COMMENTS
3	08/12/2021	AA	CITY COMMENTS
4	04/11/2023	AA	CITY COMMENTS

**DESIGNED BY:** PATRICK D. JAMNATHI, P.E.  
**DESIGNED BY:** NIKHIL K. NIKHIL, P.E.  
**CHECKED BY:** PDK  
**FIELD NO.:** 100 North Andrews Avenue, Fort Lauderdale, Florida 33301

Plot Date: 10/23/2023 2:43:29 PM User: mkmh  
Road Name: 12470-MULTI-STRP-4  
Drawing Name: 12470-MULTI-STRP-4  
Scale: 1"=20'

MATCHLINE SEE ABOVE RIGHT

MATCHLINE SEE DRAWING SM-3



STRIPING & SIGNAGE MAINTENANCE NOTES:  
ALL STRIPING AND SIGNAGE DIRECTLY PERTAINING TO RAISED CROSSWALKS, RAISED INTERSECTIONS, AND CROSSWALKS ARE NOT BCTED MAINTAINED. ALL ITEMS LABELED WITH AN ASTERISK \*\* ARE NOT BCTED MAINTAINED. ALL EXISTING SIGNS ARE TO REMAIN UNLESS OTHERWISE NOTED.

BCTED REF NO.: 200817060

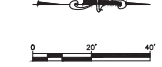
VERTICAL DATUM INFORMATION  
ALL ELEVATIONS SHOWN ARE IN NORTH  
AMERICAN VERTICAL DATUM OF 1988 (NAVD83)  
CONVERSION FACTOR:  
NAVD83 +1.972 = NGVD29 IN THIS AREA

MATCHLINE SEE DRAWING SM-5

MATCHLINE SEE BELOW LEFT

- EXISTING CONDITIONS NOTES:
- THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE DERIVED FROM DRAWING FILES PROVIDED BY THE CITY OF FORT LAUDERDALE DATED 3/30/20. ADDITIONAL INFORMATION WAS OBTAINED FROM BUT NOT LIMITED TO AS-BUILT PLANS, ATLAS RECORDS, GIS INFORMATION AND/OR RECORD DRAWINGS. DISCREPANCIES BETWEEN EXISTING CONDITIONS SHOWN IN THE PROVIDED DRAWING AND AS OBSERVED IN THE FIELD EXIST. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
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CERTIFICATE OF AUTHORIZATION  
LC26000425



SUBMITTER:  
PATRICK D. JAMNIAH, P.E.  
IDA: No. 70633  
ISSUED BY: SCALE:  
1"=20'  
CHECKED BY:  
PDK  
FIELD NO.:  
100 North Andrews Avenue, Fort Lauderdale, Florida 33301  
TEL: 954-750-0707  
FAX: 954-750-0500

CITY OF FORT LAUDERDALE  
TRANSPORTATION & MOB. DEPT.  
ENGINEERING & ARCHITECTURE  
100 North Andrews Avenue, Fort Lauderdale, Florida 33301

NO.	DATE	BY	REV	DESCRIPTION
1	11/17/2020	AA	1	COUNTY AND CITY COMMENTS
2	04/14/2021	AA	2	COUNTY COMMENTS
3	08/12/2021	AA	3	CITY COMMENTS
4	04/15/2023	AA	4	LIGHTING REVISION

PROJECT # 12470  
NW 15th AVENUE STREETSCAPE  
PAVEMENT STRIPING

DRAWING #  
SM-4  
SHEET #  
40  
TOTAL: 85  
CAD FILE:  
12470-MULTI-STRP  
DRAWING FILE NO.  
4-XXX-XX

PERMIT SET

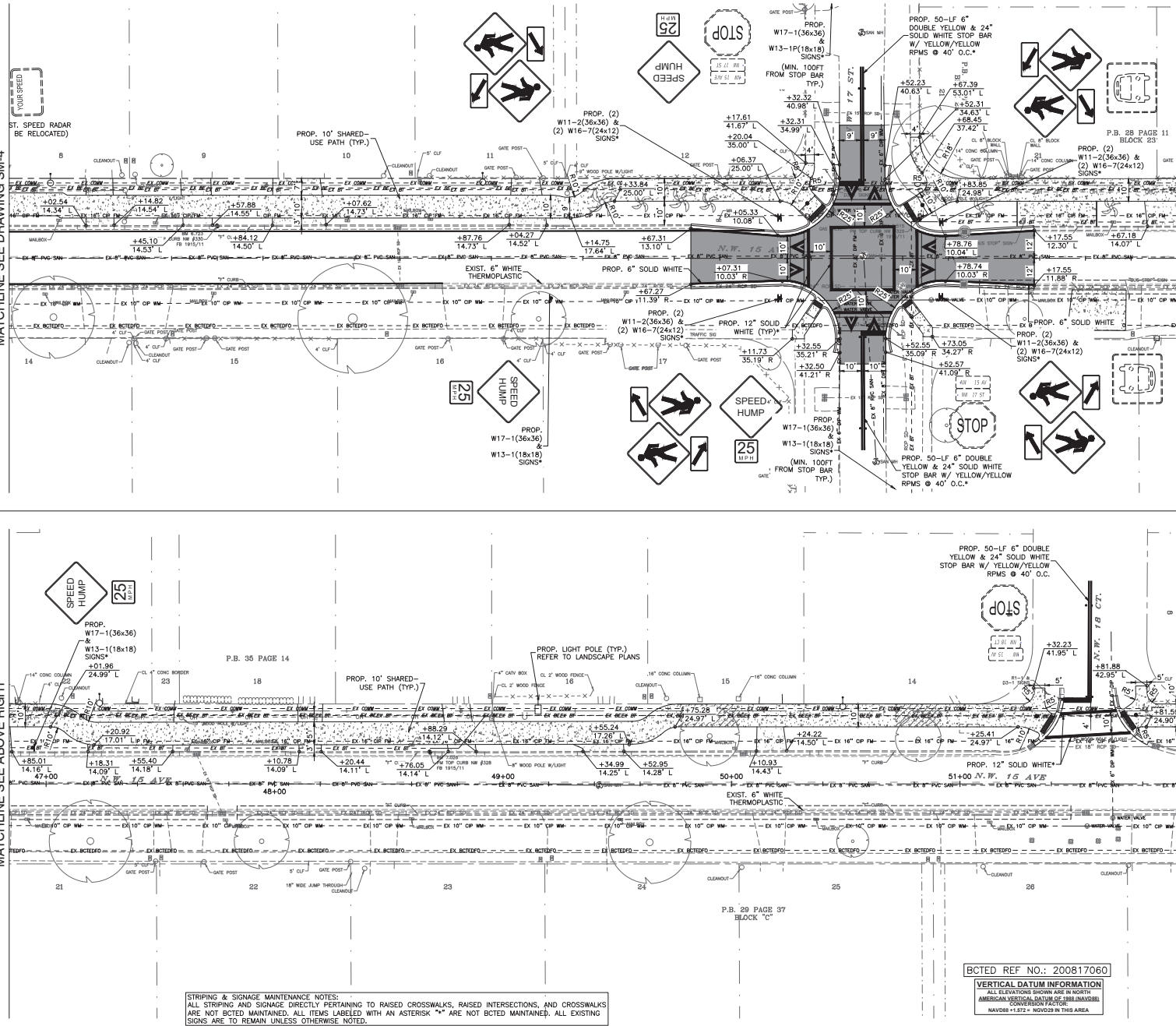
**Sunshine811**  
Call 811 or www.sunshine811.com two full  
business days before digging to have utilities  
located and marked.  
Check positive response codes before you dig!



Plot Date: 10/23/2023 2:43:36 PM User Name: klyth  
Folder Path: \\V:\projects\2500\2500-12470-MULTI-STRP.dwg  
Filename: 12470-MULTI-STRP.dwg

MATCHLINE SEE ABOVE RIGHT

MATCHLINE SEE DRAWING SM-4



STRIPING & SIGNAGE MAINTENANCE NOTES:  
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BCTED REF NO.: 200817060

VERTICAL DATUM INFORMATION  
ALL ELEVATIONS SHOWN ARE IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD83)  
CONVERSION FACTOR:  
NAVD83 +1.572 = NAVD29 IN THIS AREA

MATCHLINE SEE DRAWING SM-6

MATCHLINE SEE BELOW LEFT

#### EXISTING CONDITIONS NOTES:

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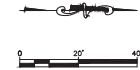
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CERTIFICATE OF AUTHORIZATION  
LC26000425



**CITY OF FORT LAUDERDALE**  
TRANSPORTATION & MOB. DEPT.  
ENGINEERING & ARCHITECTURE

PROJECT # 12470  
NW 15th AVENUE STREET/SCAPE  
PAVEMENT STRIPING

DESIGNED BY: PATRICK D. JAMNIAH, P.E.  
DRAWN BY: AA  
CHECKED BY: NSK  
IN CHARGE: PDK  
DATE: 04/17/2020  
SCALE: 1"=20'

100 North Andrews Avenue, Fort Lauderdale, Florida 33301  
TEL: 854-750-0707  
FAX: 854-750-0500

NO.	DATE	BY	DESCRIPTION
1	11/17/2020	AA	COUNTY AND CITY COMMENTS
2	04/14/2021	AA	COUNTY COMMENTS
3	08/12/2021	AA	CITY COMMENTS
4	04/11/2023	AA	LIGHTING REVISION

**Sunshine811**  
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
Check positive response codes before you dig!

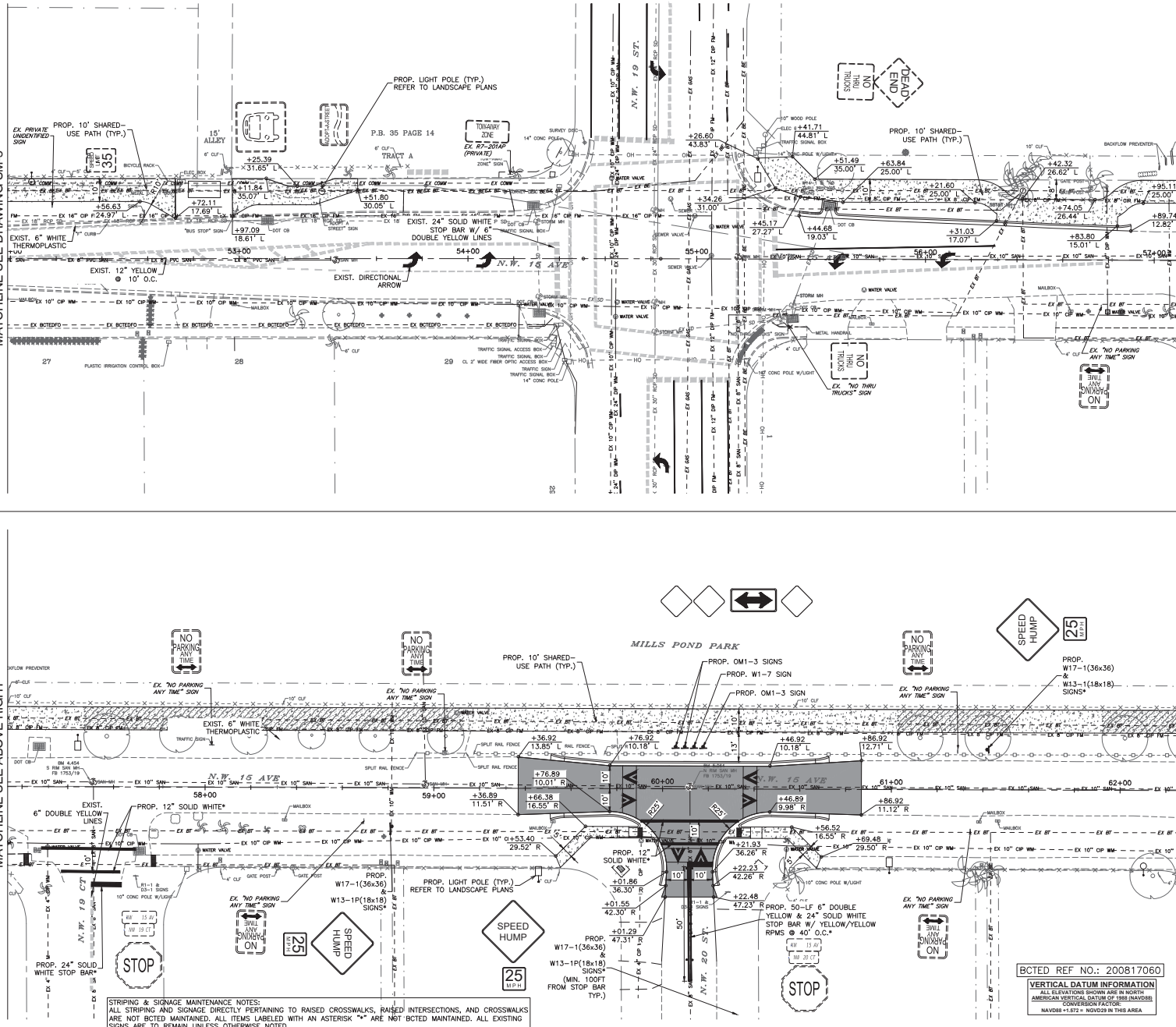
**PERMIT SET**

DRAWING # **SM-5** SHEET # **41**

TOTAL: 85  
CAD FILE: 12470-MULTI-STRP  
DRAWING FILE NO. 4-XXX-XX

MATCHLINE SEE ABOVE RIGHT

MATCHLINE SEE DRAWING SM-5



**STRIPING & SIGNAGE MAINTENANCE NOTES:**  
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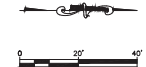
MATCHLINE SEE DRAWING SM-7

MATCHLINE SEE BELOW LEFT

- EXISTING CONDITIONS NOTES:**
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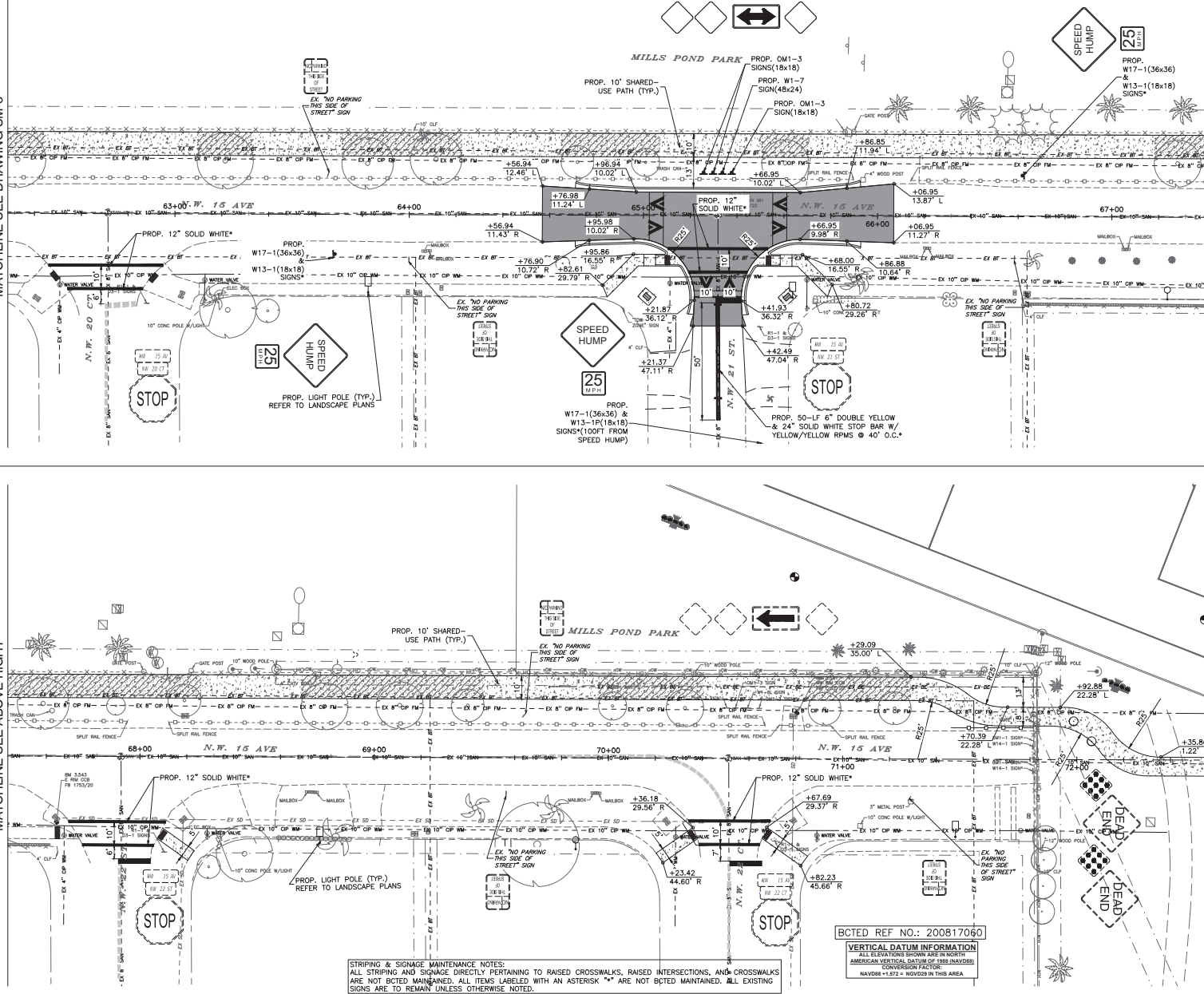


<b>PROJECT # 12470</b> NW 15th AVENUE STREETSCAPE PAVEMENT STRIPING		<b>DRAWING #</b> <b>SM-6</b> <b>SHEET</b> <b>42</b>	
<b>DATE</b> 10/23/2023		<b>TOTAL</b> 85	
<b>CAD FILE</b> 12470-MULTI-STRP		<b>DRAWING FILE NO.</b> 4-XXX-XX	
<b>PERMIT SET</b>			
<b>REVISIONS</b>			
NO.	DATE	BY	DESCRIPTION
1	11/17/2022	AA	COUNTY AND CITY COMMENTS
2	04/14/2023	AA	COUNTY COMMENTS
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<b>NOTES</b>			
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MATCHLINE SEE DRAWING SM-6

MATCHLINE SEE ABOVE RIGHT



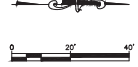
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BCTD REF NO.: 200817060

**VERTICAL DATUM INFORMATION**  
 ALL ELEVATIONS SHOWN ARE IN NORTH  
 AMERICAN VERTICAL DATUM OF 1988 (NAVD83)  
 CONVERSION FACTOR:  
 NAVD83 + 5.75 = NAD83 IN THIS AREA



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3. ONE BI-DIRECTIONAL YELLOW/YELLOW REFLECTIVE PAVEMENT MARKER SHALL BE PROVIDED AT EACH END OF 18" YELLOW STRIPES ON EACH SIDE OF DOUBLE YELLOW STRIPES.
4. ONE BI-DIRECTIONAL YELLOW/YELLOW REFLECTIVE PAVEMENT MARKER SHALL BE PROVIDED AT 20' INTERVALS ALONG SOLID WHITE LINES (NOT ON EDGE OF PAVEMENT LINES).
5. BI-DIRECTIONAL COLORLESS/RED REFLECTIVE PAVEMENT MARKERS SHALL BE PROVIDED AT 20' INTERVALS ALONG SOLID WHITE LINES (NOT ON EDGE OF PAVEMENT LINES).
6. ALL SIGNING, PAVEMENT MARKINGS AND PLACEMENT OF REFLECTIVE PAVEMENT MARKERS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES MANUAL (MUTCD), LATEST VERSION.
7. ALL PAVEMENT MARKING SHALL BE HOT APPLIED THERMOPLASTIC MANUFACTURED AND APPLIED IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION SECTION 711, LATEST EDITION.
8. REFLECTIVE PAVEMENT MARKERS SHALL BE CLASS B MARKERS MANUFACTURED IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION 706, LATEST EDITION AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED PROCEDURES.
9. ALL SIGNS SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
10. ALL "R1-1" & "D3" SIGNS SHALL BE DIAMOND GRADE.
11. THE PUBLIC ROADWAYS INDICATED IN THESE PLANS HAVE BEEN DESIGNED SUBSTANTIALLY IN ACCORDANCE WITH THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS-STATE OF FLORIDA.
12. METHOD OF REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE BY WATER JETTING OR SAND BLASTING.
13. THE CONTRACTOR SHALL VERIFY PROPER STREET NAMES AND NUMBERS WITH APPROVED ADDRESS PLAN PRIOR TO ORDERING AND INSTALLING "D3" SIGNS.
14. ALL TRAFFIC CONTROL DEVICES MAINTAINED BY BROWARD COUNTY THAT ARE REMOVED OR DAMAGED BY CONSTRUCTION, SHALL BE PLACED BY CONTRACTOR USING CURRENT BROWARD COUNTY TRAFFIC ENGINEERING DIVISION STANDARDS.



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
 Check positive response codes before you dig!

**OWNER:**  
 PATRICK D. KAMMATH, P.E.  
 REG. NO. 709335  
 04/27/2020

**DESIGNED BY:**  
 NSK  
 1"=20'

**CITY OF FORT LAUDERDALE**  
 TRANSPORTATION & MOB. DEPT.  
 ENGINEERING & ARCHITECTURE  
 100 North Andrews Avenue, Fort Lauderdale, Florida 33301

NO.	DATE	BY	DESCRIPTION
1	11/17/2020	AA	COUNTY AND CITY COMMENTS
2	04/14/2021	AA	COUNTY COMMENTS
3	08/12/2021	AA	CITY COMMENTS
4	04/11/2023	AA	LIGHTING REVISION

**PROJECT # 12470**  
**NW 15th AVENUE STREETSCAPE**  
**PAVEMENT STRIPING**

**DRAWING # SM-7**  
**SHEET # 43**  
 TOTAL: 85  
 CAD FILE: 12470-MULTI-STRP  
 DRAWING FILE NO. 4-XXX-XX

PERMIT SET

MATCHLINE SEE DRAWING SM-7



PROPOSED SIGN DIMENSION CHART		
MUTCD NO.	SIGN TYPE	SIZE
RS-031	BUS STOP	18" X 18"
W11-2	PEDESTRIAN CROSSING	30" X 30"
W16-7	DOWNWARD DIAGONAL ARROW	24" X 12"
W17-1	SPEED HUMP	30" X 30"
W13-1P	ADVISORY SPEED	18" X 18"
R1-1	STOP SIGN	30" X 30"
R1-3P	ALL WAY PLAQUE	18" X 6"
OM1-3	SIGN TYPE	24" X 24"
W1-7	TWO DIRECTION ARROW	48" X 24"

STRIPING & SIGNAGE MAINTENANCE NOTES:  
ALL STRIPING AND SIGNAGE DIRECTLY PERTAINING TO RAISED CROSSWALKS, RAISED INTERSECTIONS, AND CROSSWALKS ARE NOT BCTED MAINTAINED. ALL ITEMS LABELED WITH AN ASTERISK "\*" ARE NOT BCTED MAINTAINED. ALL EXISTING SIGNS ARE TO REMAIN UNLESS OTHERWISE NOTED.

BCTED REF NO.: 200817060

VERTICAL DATUM INFORMATION  
ALL ELEVATIONS SHOWN ARE IN NORTH  
AMERICAN VERTICAL DATUM OF 1988 (NAVD83)  
CONVERSION FACTOR:  
NAVD83 +1.024 = INDICATED IN THIS AREA



500 West Cypress Creek Road,  
Suite 630  
Ft. Lauderdale, FL 33309  
954-750-0707  
www.chenmoore.com

CERTIFICATE OF AUTHORIZATION  
LC26000425



0 20' 40'

EXISTING CONDITIONS NOTES:

1. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE DERIVED FROM DRAWING FILES PROVIDED BY THE CITY OF FORT LAUDERDALE DATED 3/30/20. ADDITIONAL INFORMATION WAS OBTAINED FROM BUT NOT LIMITED TO AS-BUILT PLANS, ATLAS RECORDS, GIS INFORMATION AND/OR RECORD DRAWINGS. DISCREPANCIES BETWEEN EXISTING CONDITIONS SHOWN IN THE PROVIDED DRAWING AND AS OBSERVED IN THE FIELD EXIST. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

2. EXISTING UTILITIES SHOWN BASED ON UTILITY AS-BUILTS AND BEST AVAILABLE INFORMATION. CONTRACTOR TO FIELD LOCATE AND CONFIRM ALL UTILITIES, WHETHER SHOWN OR NOT, PRIOR TO ANY CONSTRUCTION & NOTIFY ENGINEER OF ANY DISCREPANCIES.

3. ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

SIGNING AND MARKING NOTES:

1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.

2. BI-DIRECTIONAL YELLOW/YELLOW REFLECTIVE PAVEMENT MARKERS SHALL BE PROVIDED AT 40' INTERVALS CENTERED BETWEEN YELLOW SKIP STRIPES.

3. ONE BI-DIRECTIONAL YELLOW/YELLOW REFLECTIVE PAVEMENT MARKER SHALL BE PROVIDED AT 40' INTERVALS ON EACH SIDE OF DOUBLE YELLOW STRIPES.

4. ONE BI-DIRECTIONAL YELLOW/YELLOW REFLECTIVE PAVEMENT MARKER SHALL BE PROVIDED AT EACH END OF 18" YELLOW STRIPES ON EACH SIDE OF DOUBLE YELLOW STRIPES.

5. BI-DIRECTIONAL COLORLESS/RED REFLECTIVE PAVEMENT MARKERS SHALL BE PROVIDED AT 20' INTERVALS ALONG SOLID WHITE LINES (NOT ON EDGE OF PAVEMENT LINES).

6. ALL SIGNING, PAVEMENT MARKINGS AND PLACEMENT OF REFLECTIVE PAVEMENT MARKERS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES MANUAL (MUTCD), LATEST VERSION.

7. ALL PAVEMENT MARKING SHALL BE HOT APPLIED THERMOPLASTIC MANUFACTURED AND APPLIED IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION SECTION 711, LATEST EDITION.

8. REFLECTIVE PAVEMENT MARKERS SHALL BE CLASS B MARKERS MANUFACTURED IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION 706, LATEST EDITION AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED PROCEDURES.

9. ALL SIGNS SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.

10. ALL "R1-1" & "D3" SIGNS SHALL BE DIAMOND GRADE.

11. THE PUBLIC ROADWAYS INDICATED IN THESE PLANS HAVE BEEN DESIGNED SUBSTANTIALLY IN ACCORDANCE WITH "THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS-STATE OF FLORIDA".

12. METHOD OF REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE BY WATER JETTING OR SAND BLASTING.

13. THE CONTRACTOR SHALL VERIFY PROPER STREET NAMES AND NUMBERS WITH AN APPROVED ADDRESS PLAN PRIOR TO ORDERING AND INSTALLING "D3" SIGNS.

14. ALL TRAFFIC CONTROL DEVICES MAINTAINED BY BROWARD COUNTY, THAT ARE REMOVED OR DAMAGED BY CONSTRUCTION, SHALL BE PLACED BY CONTRACTOR USING CURRENT BROWARD COUNTY TRAFFIC ENGINEERING DIVISION STANDARDS.



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.  
Check positive response codes before you dig!

SUBMITTER:  
PATRICK D. JAMALI, P.E.  
REG. NO. 70933  
ISSUED 07/27/2023

DATE: 04/17/2020  
DRAWN BY: AA  
CHECKED BY: NSK  
DESIGNED BY: SCALE: 1"=20'  
FIELD BOOK: PDK

CITY OF FORT LAUDERDALE  
TRANSPORTATION & MOB. DEPT.  
ENGINEERING & ARCHITECTURE  
100 North Andrews Avenue, Fort Lauderdale, Florida 33301

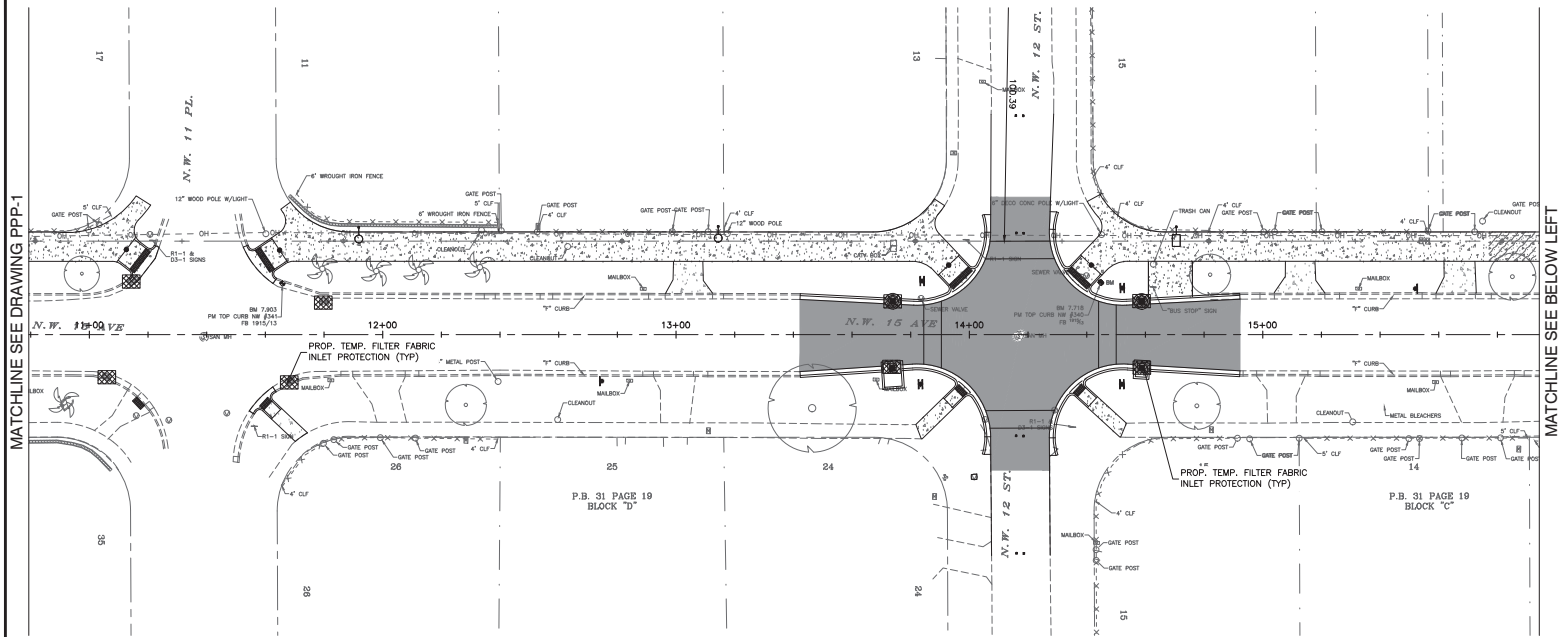
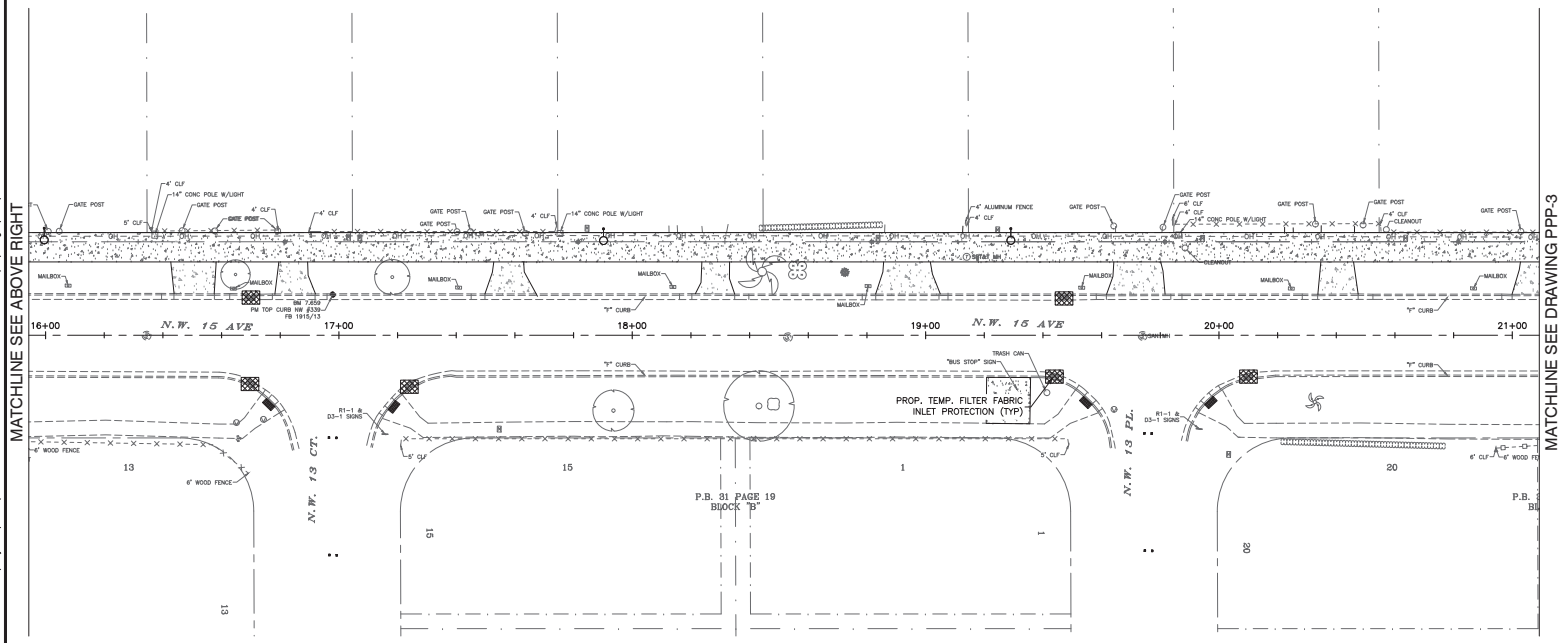
REVISIONS		DESCRIPTION	
NO.	DATE	BY	CHK'D
1	11/17/2022	AA	INE
2	04/14/2023	AA	INE
3	08/12/2023	AA	INE
4	04/11/2023	AA	INE

PROJECT # 12470  
NW 15TH AVENUE STREETSCAPE  
PAVEMENT STRIPING

DRAWING # SM-8  
SHEET # 44  
TOTAL: 85  
CAD FILE: 12470-MULTI-STRP  
DRAWING FILE NO. 4-XXX-XX

PERMIT SET



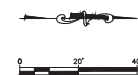


VERTICAL DATUM INFORMATION  
ALL ELEVATIONS SHOWN ARE IN NORTH  
AMERICAN VERTICAL DATUM OF 1985 (NAVD83)  
CONVERSION FACTOR:  
NAVD83 +1.972 = NAVD83 IN THIS AREA



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**cma**  
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LC26000425



NO.	DATE	BY	DESCRIPTION
1	11/17/2022	AA	COUNT AND CITY COMMENTS
2	04/14/2023	AA	COUNTY COMMENTS
3	08/12/2023	AA	CITY COMMENTS
4	04/15/2023	AA	LIGHTING REVISION

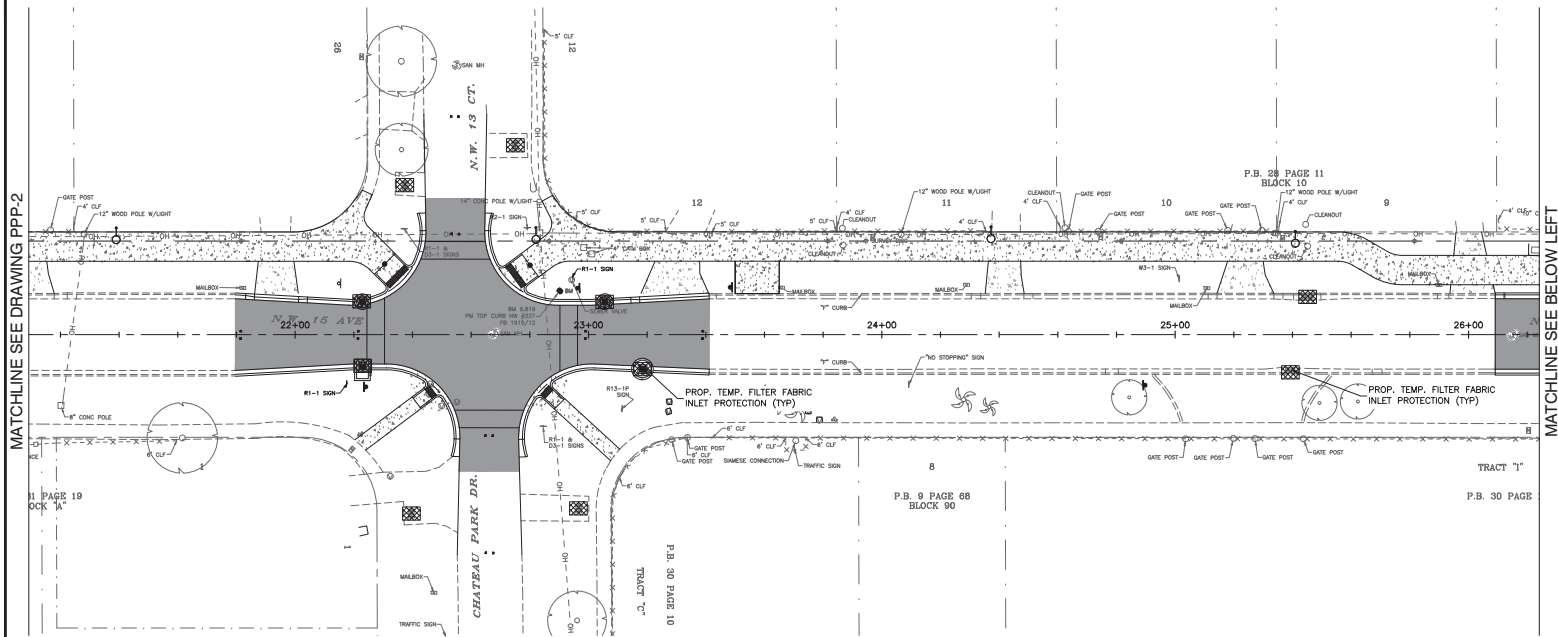
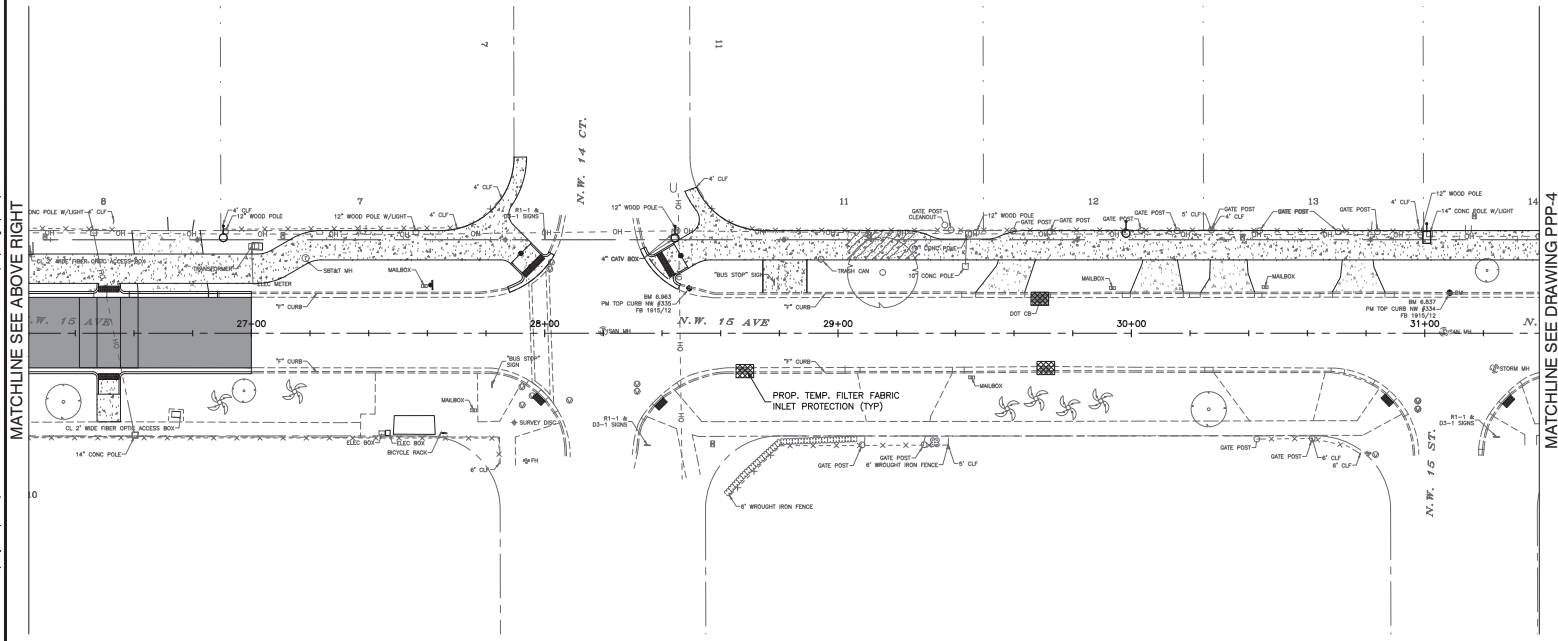
PROJECT # 12470  
NW 15th AVENUE STREET SCAPE  
STORM WATER POLLUTION PREVENTION  
PLAN

NO.	DATE	BY	DESCRIPTION
1	11/17/2022	AA	COUNT AND CITY COMMENTS
2	04/14/2023	AA	COUNTY COMMENTS
3	08/12/2023	AA	CITY COMMENTS
4	04/15/2023	AA	LIGHTING REVISION

CITY OF FORT LAUDERDALE  
TRANSPORTATION & MOB. DEPT.  
ENGINEERING & ARCHITECTURE  
100 North Andrews Avenue, Fort Lauderdale, Florida 33301

DRAWING # 12470-01-28  
SHEET # 46  
TOTAL: 85  
CAD FILE: 12470-MULTI-SWPP  
DRAWING FILE NO. 4-XXX-XX





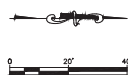
**VERTICAL DATUM INFORMATION**  
 ALL ELEVATIONS SHOWN ARE IN NORTH  
 AMERICAN VERTICAL DATUM OF 1985 (NAVD83)  
 CONVERSION FACTOR:  
 NAVD83 +1.972 = NAD83 IN THIS AREA



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NO.	DATE	BY	REV	DESCRIPTION
1	11/17/2022	AA	1	COUNT AND CITY COMMENTS
2	04/14/2023	AA	2	CITY COMMENTS
3	08/12/2023	AA	3	CITY COMMENTS
4	04/15/2023	AA	4	LIGHTING REVISION

**PROJECT # 12470**  
**NW 15TH AVENUE STREET SCAPE**  
**STORM WATER POLLUTION PREVENTION**  
**PLAN**

NO.	DATE	BY	REV	DESCRIPTION
1	11/17/2022	AA	1	COUNT AND CITY COMMENTS
2	04/14/2023	AA	2	CITY COMMENTS
3	08/12/2023	AA	3	CITY COMMENTS
4	04/15/2023	AA	4	LIGHTING REVISION

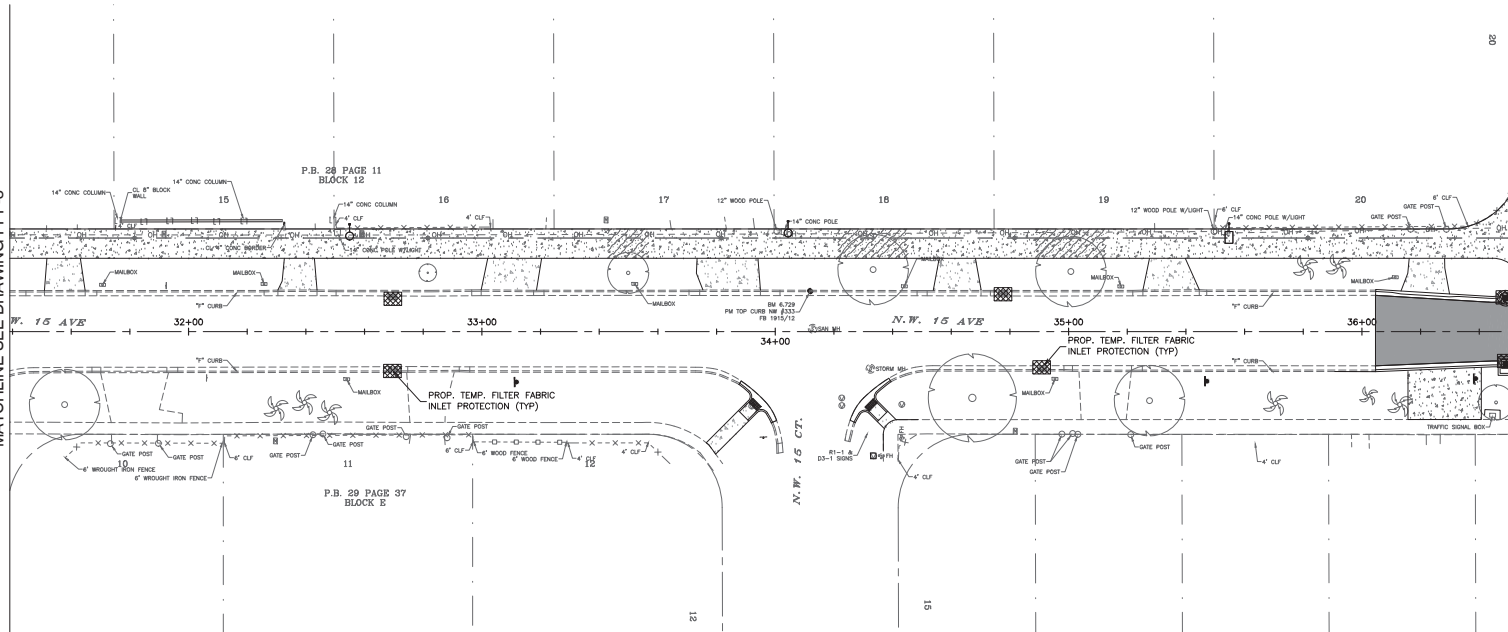
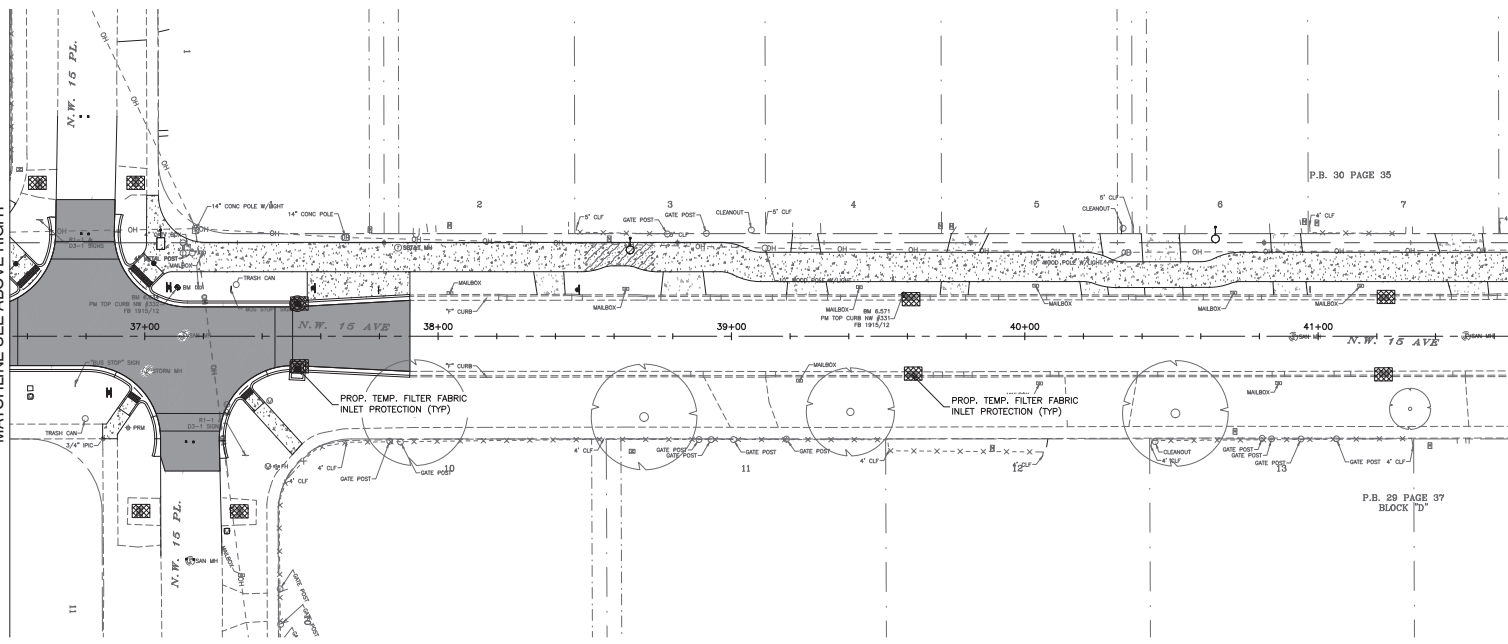
**CITY OF FORT LAUDERDALE**  
**TRANSPORTATION & MOB. DEPT.**  
**ENGINEERING & ARCHITECTURE**  
 100 North Andrews Avenue, Fort Lauderdale, Florida 33301

NO.	DATE	BY	REV	DESCRIPTION
1	11/17/2022	AA	1	COUNT AND CITY COMMENTS
2	04/14/2023	AA	2	CITY COMMENTS
3	08/12/2023	AA	3	CITY COMMENTS
4	04/15/2023	AA	4	LIGHTING REVISION

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MATCHLINE SEE DRAWING PPP-3



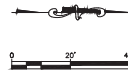
VERTICAL DATUM INFORMATION  
ALL ELEVATIONS SHOWN ARE IN NORTH  
AMERICAN VERTICAL DATUM OF 1985 (NAVD83)  
CONVERSION FACTOR:  
NAVD83 +1.972 = NAVD03 IN THIS AREA



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LC26000425



MATCHLINE SEE DRAWING PPP-5

MATCHLINE SEE BELOW LEFT

PERMIT SET

PROJECT # 12470	
NW 15TH AVENUE STREETSCAPE	
STORM WATER POLLUTION PREVENTION PLAN	
DRAWING #	SHEET #
PPP-4	48
TOTAL: 85	
CAD FILE: 12470-MULTI-SWPP	
DRAWING FILE NO. 4-XXX-XX	

REVISIONS		DESCRIPTION	
NO.	DATE	BY	REV'D
1	11/17/2021	AA	IN
2	04/14/2021	AA	IN
3	08/12/2021	AA	IN
4	04/15/2023	AA	IN

COUNT AND CITY COMMENTS	
COUNTY COMMENTS	CITY COMMENTS

COUNT AND CITY COMMENTS	
COUNTY COMMENTS	CITY COMMENTS

COUNT AND CITY COMMENTS	
COUNTY COMMENTS	CITY COMMENTS

CITY OF FORT LAUDERDALE  
TRANSPORTATION & MOB. DEPT.  
ENGINEERING & ARCHITECTURE  
100 North Andrews Avenue, Fort Lauderdale, Florida 33301

SUBMITTER:  
PATRICK D. KAMMATH, P.E.  
REG. NO. 70933  
ISSUED 04/27/2023

DESIGNED BY: SCALE: 1"=20'  
CHECKED BY: PDK  
FIELD NOOK: FIELD NOOK

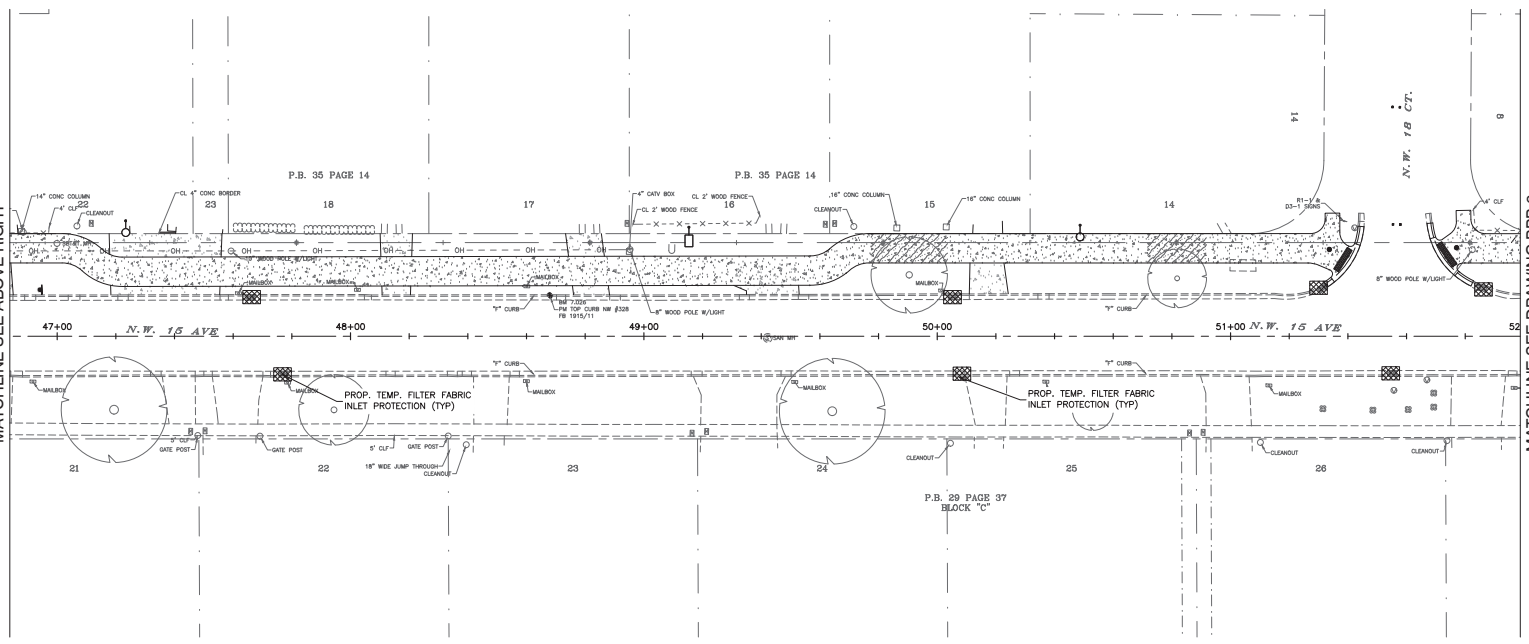
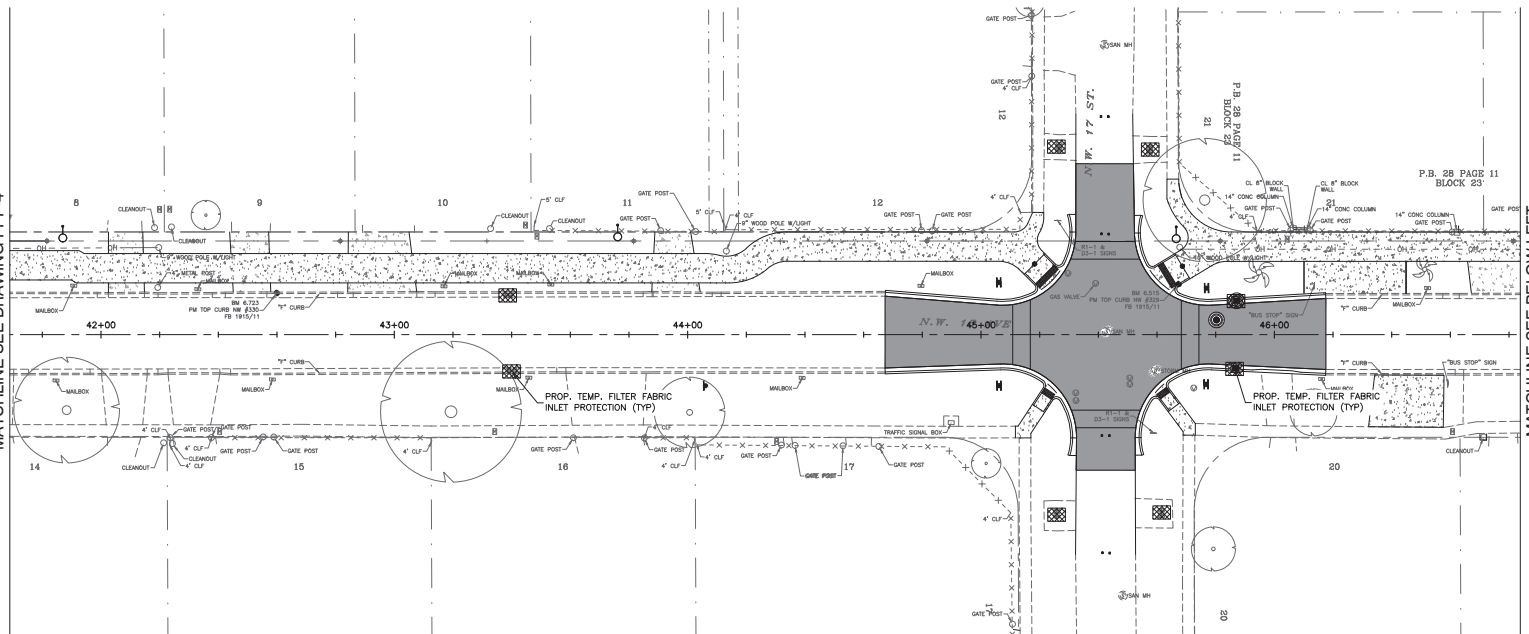
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FILE: 04-750-0707  
PLOT: 04-750-0707

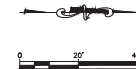
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Filename: 12470-MULTI-SWPP.dwg

MATCHLINE SEE DRAWING PPP-4

MATCHLINE SEE ABOVE RIGHT



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VERTICAL DATUM INFORMATION  
ALL ELEVATIONS SHOWN ARE IN NORTH  
AMERICAN VERTICAL DATUM OF 1985 (NAVD83)  
CONVERSION FACTOR:  
NAVD83 +1.972 = NAVD83 IN THIS AREA



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business days before digging to have utilities  
located and marked.  
Check positive response codes before you dig!

PERMIT SET

DRAWING #	SHEET #
PPP-5	49
TOTAL:	85
CAD FILE:	12470-MULTI-SWPP
DRAWING FILE NO.	4-XXX-XX

PROJECT # 12470  
NW 15TH AVENUE STREET SCAPE

STORM WATER POLLUTION PREVENTION  
PLAN

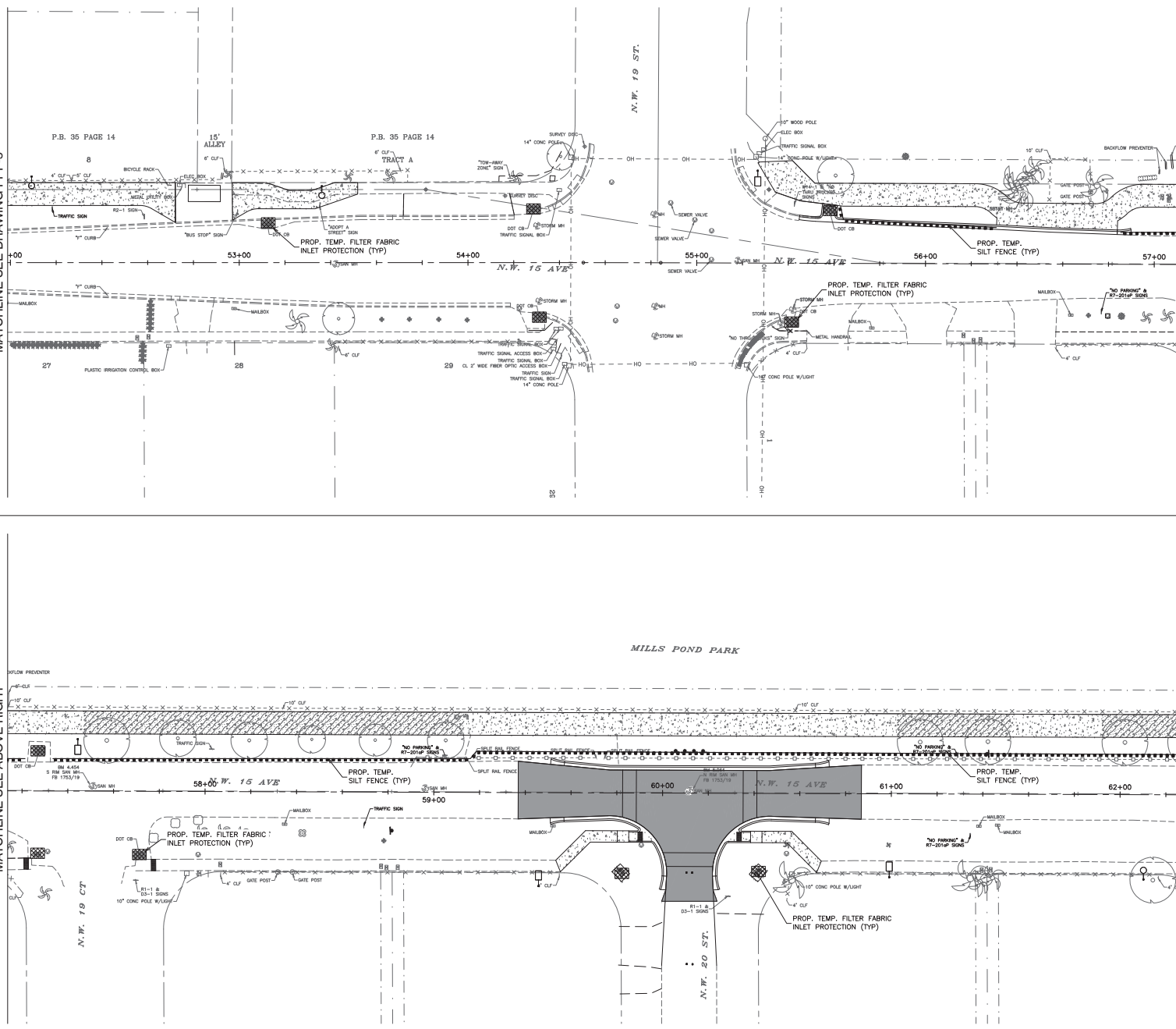
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2	04/14/2024	AA	COUNTY COMMENTS
3	08/12/2024	AA	CITY COMMENTS
4	04/15/2025	AA	LIGHTING REVISION

CITY OF FORT LAUDERDALE  
TRANSPORTATION & MOB. DEPT.  
ENGINEERING & ARCHITECTURE  
100 North Andrews Avenue, Fort Lauderdale, Florida 33301

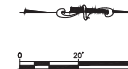
SUBMITTER:  
PATRICK D. KAMMATH, P.E.  
REG. NO. 79833  
ISS. 07/27/2005  
DRAWN BY:  
AA  
DATE: 04/27/2020  
DESIGNED BY: SCALE:  
NSK  
1"=20'  
CHECKED BY:  
PDK  
FIELD NO.:  
FIELD NO.:  
TEL: 954-750-0707  
FAX: 954-750-0500

MATCHLINE SEE DRAWING PPP-5

MATCHLINE SEE ABOVE RIGHT



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 Ft. Lauderdale, FL 33309  
 954-750-0707  
 www.chenmoore.com  
 CERTIFICATE OF AUTHORIZATION  
 LC26000425



MATCHLINE SEE BELOW LEFT

MATCHLINE SEE DRAWING PPP-7

VERTICAL DATUM INFORMATION  
 ALL ELEVATIONS SHOWN ARE IN NORTH  
 AMERICAN VERTICAL DATUM OF 1985 (NAVD83)  
 CONVERSION FACTOR:  
 NAVD83 +1.972 = NGVD29 IN THIS AREA



Call 811 or www.sunshine811.com two full  
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 located and marked.  
 Check positive response codes before you dig!

**SUBMITTER:**  
PATRICK D. KAMMATH, P.E.  
REG. NO. 79833  
ISSUED 04/27/2023

**DATE:** 04/27/2023

**DESIGNED BY:** NSK

**CHECKED BY:** PDK

**FIELD NO.:**

1"=20'

0 20' 40'

**CITY OF FORT LAUDERDALE**  
 TRANSPORTATION & MOB. DEPT.  
 ENGINEERING & ARCHITECTURE  
 100 North Andrews Avenue, Fort Lauderdale, Florida 33301

**PROJECT # 12470**  
 NW 15TH AVENUE STREET SCAPE  
 STORM WATER POLLUTION PREVENTION  
 PLAN

NO.	DATE	BY	DESCRIPTION
1	11/17/2022	AA	COUNT AND CITY COMMENTS
2	04/14/2023	AA	CITY COMMENTS
3	08/12/2023	AA	CITY COMMENTS
4	04/15/2023	AA	LIGHTING REVISION

REVISIONS	DATE	BY	DESCRIPTION
1	11/17/2022	AA	COUNT AND CITY COMMENTS
2	04/14/2023	AA	CITY COMMENTS
3	08/12/2023	AA	CITY COMMENTS
4	04/15/2023	AA	LIGHTING REVISION

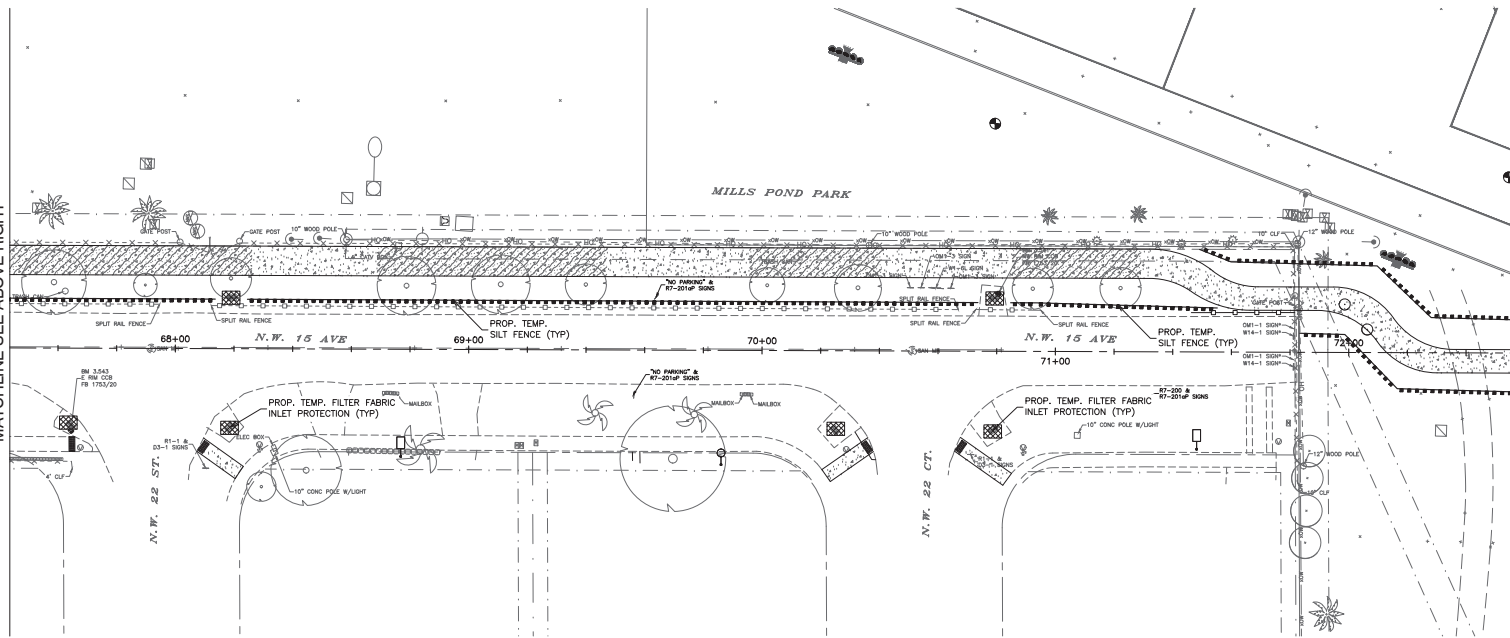
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**TOTAL:** 85  
**CAD FILE:** 12470-MULTI-SWPP  
**DRAWING FILE NO.** 4-XXX-XX

**PERMIT SET**  
**PPP-6** **SHEET #** 50

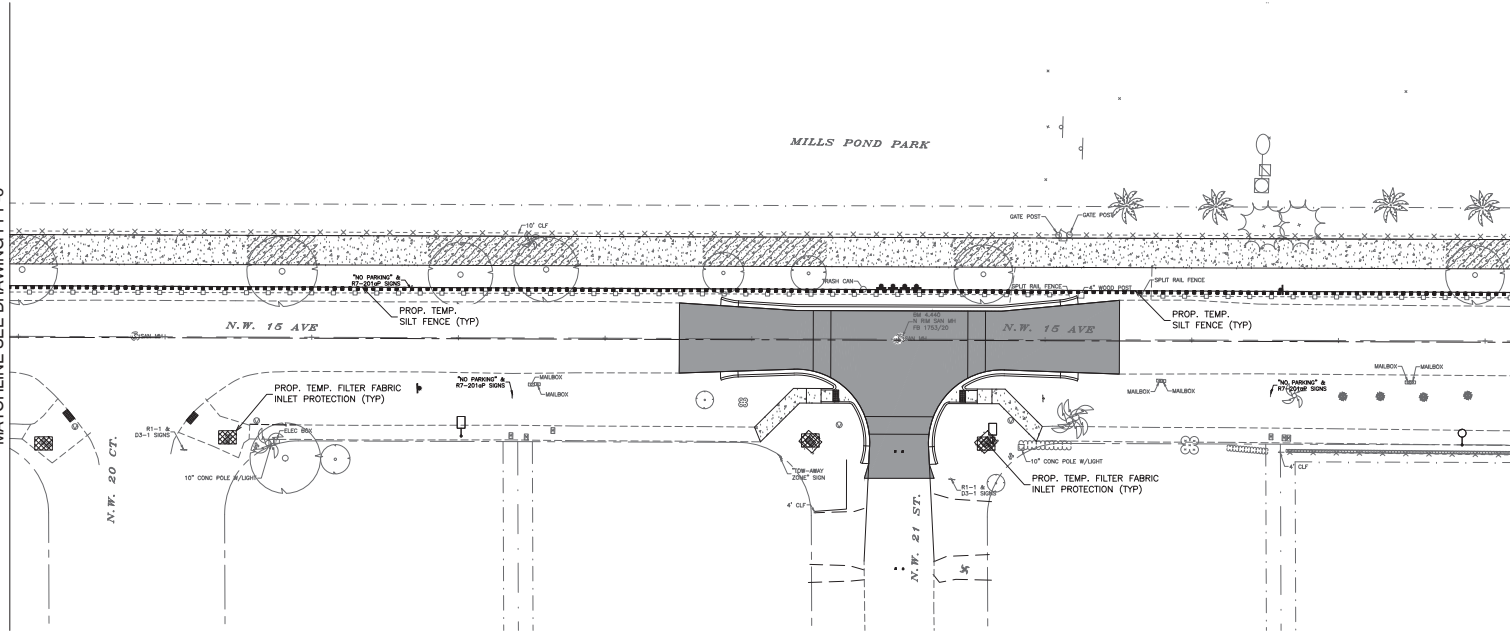


MATCHLINE SEE ABOVE RIGHT

MATCHLINE SEE DRAWING PPP-6



MATCHLINE SEE DRAWING PPP-8



MATCHLINE SEE BELOW LEFT

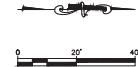
**VERTICAL DATUM INFORMATION**  
 ALL ELEVATIONS SHOWN ARE IN NORTH  
 AMERICAN VERTICAL DATUM OF 1985 (NAVD83)  
 CONVERSION FACTOR:  
 NAVD83 +1.972 = NOVD29 IN THIS AREA



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PERMIT SET

PROJECT # 12470  
 NW 15TH AVENUE STREET SCAPE  
 STORM WATER POLLUTION PREVENTION  
 PLAN

DRAWING #	SHEET #
PPP-7	51
TOTAL:	85
CAD FILE:	12470-MULT-SWPP
DRAWING FILE NO:	4-XXX-XX

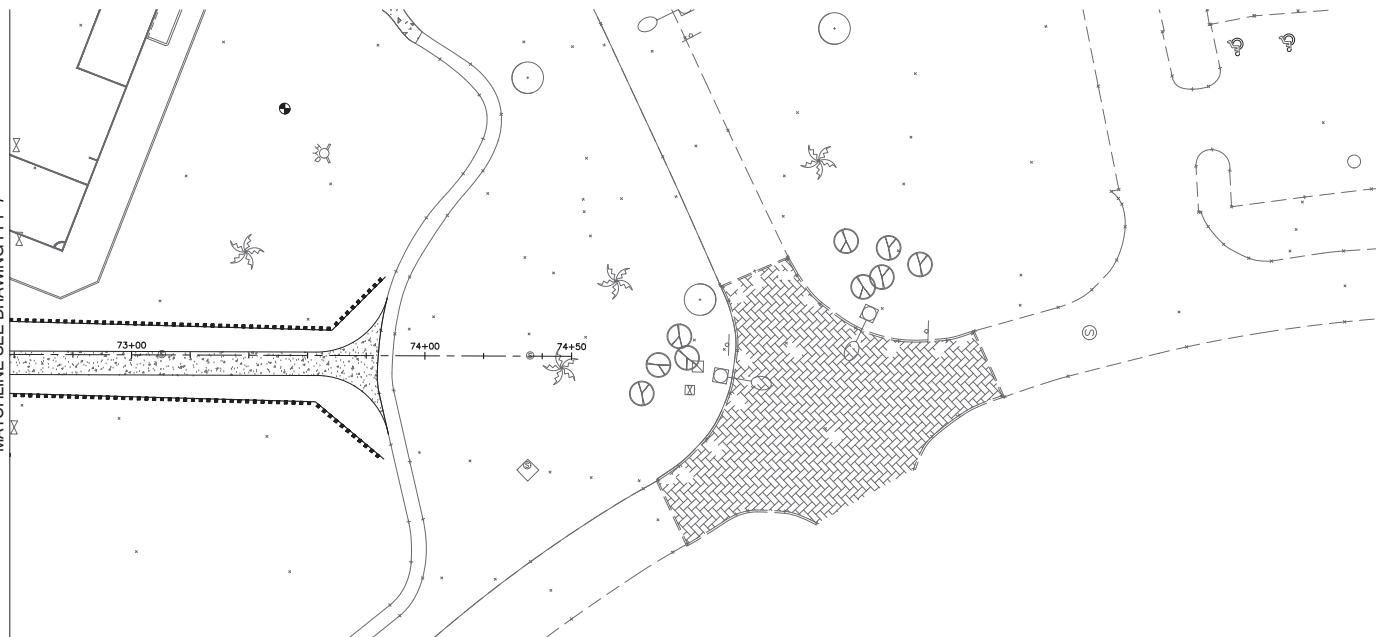
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2	04/14/2021	AA	1N	CITY COMMENTS
3	08/12/2021	AA	1N	CITY COMMENTS
4	04/15/2023	AA	1N	LIGHTING REVISION

CITY OF FORT LAUDERDALE  
 TRANSPORTATION & MOB. DEPT.  
 ENGINEERING & ARCHITECTURE  
  
 100 North Andrews Avenue, Fort Lauderdale, Florida 33301

DESIGNED BY: PATRICK D. KAMMATH, P.E.  
 REG. NO. 79833  
 EXPIRATION DATE 12/31/2025  
 DRAWN BY: AA  
 DATE: 04/27/2020  
 CHECKED BY: NSK  
 DATE: 11-20-  
 FIELD NO.: PDK  
 FIELD BOOK: 44-795-0707  
 954-750-0707

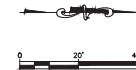
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MATCHLINE SEE DRAWING PPP-7



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Suite 630  
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954.730.0707  
www.chenmoore.com

CERTIFICATE OF AUTHORIZATION  
LC26000425



**VERTICAL DATUM INFORMATION**  
ALL ELEVATIONS SHOWN ARE IN NORTH  
AMERICAN VERTICAL DATUM OF 1988 (NAVD88)  
CONVERSION FACTOR:  
NAVD88 +1.572 = NGVD29 IN THIS AREA

**Sunshine811**  
Call 811 or [www.sunshine811.com](http://www.sunshine811.com) two full business days before digging to have utilities located and marked.  
*Check positive response codes before you dig!*

PERMIT SET

REVISIONS			DESCRIPTION
NO.	DATE	BY	CHK'D
1	11/17/2020	AA	NK
2	04/14/2021	AA	NK
3	08/12/2021	AA	NK
4	01/15/2023	AA	NK

DRAWING #	SHT
PPP-8	52
TOTAL:	85
CAD FILE:	12470-MULTI-SWPP
DRAWING FILE NO.	4-XXX-YY

PROJECT # 12470  
NW 15TH AVENUE STREETScape  
STORM WATER POLLUTION PREVENTION  
PLAN

DRAWN BY:	AA	DATE:	04/27/2020
DESIGNED BY:	NSK	SCALE:	1"=20'
CHECKED BY:	PDK		
FIELD BOOK:			



**CITY of FORT LAUDERDALE**  
**TRANSPORTATION & MOB. DEPT.**  
**ENGINEERING & ARCHITECTURE**  
 100 North Andrews Avenue, Fort Lauderdale, Florida 33301

ENGINEER:  
PATRICK D. KAMRAH, P.E.  
REG. No: 78535  
DATE: 10/23/2023

## **EXHIBIT B**

### **Funding Schedule**

**Funding Amounts:** The amounts stated in this Funding Schedule are the maximum amounts payable for the Phase(s) stated, and shall be invoiced and paid only in accordance with the remainder of this Funding Schedule (as may be amended from time to time) and the terms and conditions of the Agreement. In the event of a conflict between anything stated in this Funding Schedule and anything stated elsewhere in the Agreement, the provisions stated in Articles 1 through 11 of the Agreement shall govern and control.

**Invoicing/Application for Funding Documentation:** Municipality shall submit the following with each invoice or Application for Funding (as defined below): an updated progress schedule; documentation of all invoices received from or payments made to Contractor or Consultant for which funding is sought; a statement indicating the cumulative amount of CBE participation to date; and a certification that all funding amounts sought are statutorily eligible for funding under Section 212.055, Florida Statutes.

**Additional Invoicing Requirements:** If checked, the checked requirements apply to all invoices/Applications for Funding under this Agreement:

- ☒ For CEI Consultants: All costs invoiced shall be supported by properly certified payrolls, time records, invoices, contracts, or vouchers evidencing in appropriate detail the amounts invoiced/expended and the nature and purpose of such amounts.
- ☒ For Construction Contractor: Pay Application documents consistent with AIA Document G702 and G703.

**Funding Parameters:** The checked expenses are ineligible for funding under this Agreement:

- ☒ Costs incurred by Municipality prior to the execution of this Agreement
- ☒ Costs incurred after the expiration of this Agreement
- ☒ Costs that are not expressly permitted in Exhibit A or B
- ☒ Amounts that Contractor, Consultant, or Subcontractors are contractually responsible to pay, credit, or reimburse to Municipality or County (e.g., liquidated damages for not meeting the Project Schedule, audit costs, etc.)
- ☒ Amounts attributable to good or services received under a contract or other arrangement that was not approved by County
- ☒ Audit costs incurred by Municipality
- ☒ Legal and accounting fees and expenses
- ☒ Costs for operation, support, or maintenance of the Project
- ☒ Interest expenses incurred by Municipality
- ☒ Municipality's staff or other personnel costs in directly performing the Project

### Quarterly Draws in Advance of Expenditures

Municipality shall invoice County for up to a quarter of the applicable Total Maximum Not-To-Exceed Amount specified below in advance of the applicable Deliverable or Phase (“Application for Funding”). The first Application for Funding shall be submitted to the Contract Administrator no later than thirty (30) days after the full execution of this Agreement. Municipality shall submit no more than four separate Applications for Funding per funding schedule provided below.

Each quarter will be funded in advance by County per the schedule(s) stated below, with each funding amount determined by the Maximum Not-to-Exceed Amount for the applicable Deliverable less any unexpended funding for prior Deliverables. Unexpended funds for prior Deliverables shall be deducted from subsequent Applications for Funding or refunded to County, as requested by the Contract Administrator.

Each Application for Funding (after the first) shall include the information required in the Agreement including the following information for the prior Deliverables (as applicable): the amount of funding received and evidence of actual expenditures (including documentation demonstrating all invoices received from and payments made to Consultant/Contractor); a statement indicating the cumulative amount of CBE participation; an updated progress schedule; and all required certifications including that all Deliverables sought are statutorily eligible for funding under Section 212.055, Florida Statutes.

Absent prior written approval by the Contract Administrator, Municipality may not submit an Application for Funding for a Deliverable until all prior Deliverables have been satisfactorily completed.

<b>Deliverable/Phase Description</b>	<b>Maximum Not-To-Exceed Amount</b>
Deliverables 1-2: Execution of ILA, Bidding, and Award, Notice to Proceed Issued	\$703,201.25
Deliverable 3-5: Notice to Proceed	\$703,201.25
Deliverable 6-8: 30% - 60% Completion	\$703,201.25
Deliverable 9-10: Substantial Completion Final Project Completion	\$703,201.25
<b>TOTAL MAXIMUM NOT-TO-EXCEED AMOUNT:</b>	<b>\$2,812,805.00</b>



## **EXHIBIT C**

### **Reporting Requirements**

Municipality shall submit to County and the Oversight Board, on a quarterly and annual basis, a detailed Financial Report that includes the information contained in the attached Sample Financial Report.

Municipality shall submit to County on a monthly basis a detailed report of the Project Metrics and progress towards applicable goals in a form prescribed by County (see attached MAP PMO Project Report Status Template). The reports must include sufficient information to enable County's Program Management Office ("PMO") to track and document on a monthly basis:

- Key activities and Project milestones since the previous report;
- Expected activities/milestones to be completed before the next report;
- If applicable, key issues/challenges the Project faces and the plan to resolve or manage the issues/challenges; and
- Overall status of the Project.

Municipality's annual financial report for the Project must be audited and certified by an independent CPA, at Municipality's expense, with an opinion as to whether the financial information in the report is presented in accordance with Generally Accepted Accounting Principles and whether the Project is in accordance with the operative interlocal agreements for surtax funding. The audit shall contain sufficient information for County and the Oversight Board to determine if the Project expenditures conform to this Agreement and applicable law. The annual financial report must also include cumulative financial information for each individual Surtax-Funded Project undertaken by Municipality. The annual financial report must include appropriate footnote disclosures in support of the financial information items presented, including disclosure of any issue of noncompliance with this Agreement or applicable law.

## Sample Financial Report

<b>Project Name:</b>	
<b>Quarterly Period:</b>	

### Section A: Total/Maximum Project Funding

1.	Surtax Maximum Funding Amount (per Section 5.4)	\$
2.	Non-Surtax Funding Awarded/Committed	\$
3.	<b>Total Project Funding</b> (Total lines 1 + 2)	<b>\$</b>
4.	Less Proceeds (as defined in Section 5.6)	(\$ )
5.	<b>Adjusted Project Funding</b> (Line 3 minus Line 4)	<b>\$</b>

### Section B: Funding Received to Date

		Quarter Reported	Fiscal Year to Date	Total
6.	Surtax Funding Received	\$	\$	\$
7.	Non-Surtax Funding Received	\$	\$	\$
8.	<b>Total Project Funding Received</b> (Total lines 6 + 7)	<b>\$</b>	<b>\$</b>	<b>\$</b>

### Section C: Expenditures to Date

		Quarter Reported	Fiscal Year to date	Total
9.	Surtax Funding Expended	\$	\$	\$
10.	Non-Surtax Funding Expended	\$	\$	\$
11.	<b>Total Project Funding Expended</b> (Total lines 9 + 10)	<b>\$</b>	<b>\$</b>	<b>\$</b>

### Section D: Available Funding to Date

12.	<b>Adjusted Project Funding</b> (Line 5 above)	\$
13.	Total Project Funding Expended to Date (Line 11 above)	\$
14.	<b>Available Project Funding to date</b> (Line 12 minus line 13)	<b>\$</b>

### Section E: Contract Financials *(complete for each of Contractor and Consultant)*

Original Contract amount	\$
Changes (increases or decreases)	\$
<b>Revised contract amount</b>	<b>\$</b>
Total Work Completed to Date	\$
Retainage Held to Date	\$
<b>Total Earned Less Retainage</b>	<b>\$</b>
<b>Total Amount Paid to Date</b>	<b>\$</b>
Work Completed this Quarter	\$
Retainage Held for Work Completed this Quarter	\$

Retainage Released this Quarter	\$
Amount Paid this Quarter	\$

**Section F: Quarterly Detailed Expenditures (for Quarter Reported)**

Invoice No.	Invoice Date	Vendor Name	Description of Work	Invoice Amount	Amount Paid





**Section G: Project Schedule & Status**

15.	Project Schedule Completion Date	
16.	Total Project Schedule Time Remaining	
17.	Amount Project Is Ahead/Behind Schedule	<input type="checkbox"/> Ahead by ___ Days <input type="checkbox"/> Behind by ___ Days
18.	Explanation for Change in Project Schedule:	
19.	Project Run Rate (Actual vs. Planned Expenditures)	
20.	Percentage of Project Phases/Milestones Met	%

**Section H: Performance Metrics**

- A.** [To be provided by the PMO as applicable]
- B.** [To be provided by the PMO as applicable]

# MAP PMO Project Status Report *Template*

<Agency> Project: <i>&lt;fill in project name or id&gt;</i>		Owner: <i>&lt;fill in&gt;</i>	July 15, 2019
<b>Progress update</b> <ul style="list-style-type: none"> <li>• Key activities since the last status report</li> <li>• ?</li> </ul>		<b>Overall Progress</b>  <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">  Red = Execution critical delay   Amber = Delay; but recoverable   Green = On track         </div>	
<b>Key activities to be completed in the next &lt;2-4&gt; weeks:</b> <ul style="list-style-type: none"> <li>• ?</li> <li>• ?</li> </ul>		<b>Summary:</b> (may include) <ul style="list-style-type: none"> <li>• Key take-aways for BoCC, OB and SurTax Admin</li> <li>• Project run rate; actual vs. planned</li> <li>• % Milestones met</li> <li>• Days over budget</li> <li>• Leverage ratio</li> <li>• Key reminders of critical decisions/milestones/etc.</li> </ul>	
<b>Issues/Challenges:</b>		<b>Proposed solutions:</b>	



**EXHIBIT D**  
**Form Contracts**

**Surtax-Funded Projects Form** Construction Contract:

RESOLUTION NO. 23-250

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF FORT LAUDERDALE, FLORIDA, APPROVING AN INTERLOCAL AGREEMENT BETWEEN BROWARD COUNTY AND CITY OF FORT LAUDERDALE FOR SURTAX-FUNDED MUNICIPAL TRANSPORTATION PROJECT: NW 15TH AVE COMPLETE STREETS ROADWAY IMPROVEMENTS (FORT-122/162), AUTHORIZING THE MAYOR AND THE CITY MANAGER TO EXECUTE THE INTERLOCAL AGREEMENT, AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, in November 2018, Broward County voters approved a 30-year sales surtax to fund statutorily-permissible transportation expenditures; and

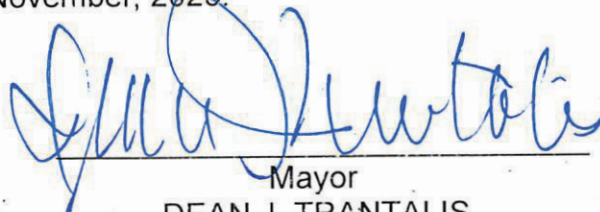
WHEREAS, the NW 15<sup>th</sup> Ave Complete Streets Roadway Improvements (FORT-122/162) project has been determined statutorily eligible for funding and subsequently approved for funding by the Broward County Board of County Commissioners;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF FORT LAUDERDALE, FLORIDA:

SECTION 1. That the City Commission of the City of Fort Lauderdale, Florida, hereby approves an Interlocal Agreement between Broward County and City of Fort Lauderdale for Surtax-Funded Municipal Transportation Project: NW 15<sup>th</sup> Ave Complete Streets Roadway Improvements (FORT-122/162) ("Interlocal Agreement") in substantially the form attached to City Commission Agenda Memo #23-0106, and authorizes the Mayor and the City Manager to execute the Interlocal Agreement.

SECTION 2. That this Resolution shall be in full force and effect upon its adoption.

ADOPTED this 7<sup>th</sup> day of November, 2023.

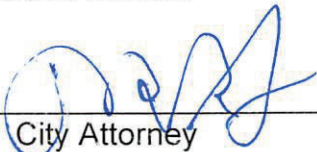
  
Mayor  
DEAN J. TRANTALIS

ATTEST:



City Clerk  
DAVID R. SOLOMAN

APPROVED AS TO FORM  
AND CORRECTNESS:



City Attorney  
THOMAS J. ANSBRO

Dean J. Trantalis Yea

John C. Herbst Yea

Steven Glassman Yea

Pamela Beasley-Pittman Yea

Warren Sturman Yea