



July 15, 2020

Juan Carlos Jurado, President
Continental Construction USA, LLC.
95 Merrick Way, Suite 480
Coral Gables, FL 33134

RE: Invitation bid number 12292-296, Project number 12126, Downtown Fort Lauderdale Mobility Hub Streetscape Project – Notice of Nonconformance Report 001.

Mr. Jurado;

This nonconformance report 001 letter shall notify Continental Construction USA, LLC that Continental Construction USA, LLC did not comply with:

- Section 02481: Tree Relocation, in the City of Fort Lauderdale's Construction Agreement - Engineering Specification
- Plan Sheet L2.5 – Part 7, in the City of Fort Lauderdale's Construction Agreement – Engineering Design Plan

In addition, on March 10, 2020 weekly progress meeting, the City's arborist had directed Continental Construction to water the Gumbo Limbo trees daily due to the improper care after the Gumbo Limbo trees being relocated to Flagler Ave. Continental has failed to fulfill this action.

These actions exhibit Continental's lack of care for the survivability of the relocated Gumbo Limbo trees and this will be solely the contractor's responsibility to replace any Gumbo Limbo trees that do not meet future inspection.

If you have any questions or concerns, please contact Shiau Ching Low at (954) 828-3779 (slow@fortlauderdale.gov) and Felix Garcia 954-895-8535 (FGarcia@cgasolutions.com).

TRANSPORTATION AND MOBILITY DEPARTMENT

290 NORTHEAST 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33301

TELEPHONE (954) 828-3700, FAX (954) 828- 3704

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Sincerely,

Shiau Ching Low
Project Manager II

Enclosed

Exhibit A: Non-compliance Notice from CEI

Exhibit B: Tree Watering Schedule

Exhibit C: Engineering Specification – Section 02481 Tree relocation

Exhibit D: Progress Meeting Minute #17 (March 10, 2020)

CC:

Ben Rogers, City of Fort Lauderdale Transportation and Mobility Department Director

Felix Garcia, Calvin Giordano CEI Department Project Administrator

File

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EXHIBIT A

TRANSPORTATION AND MOBILITY DEPARTMENT

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City of Fort Lauderdale
 Transportation and Mobility
 Project No.: 12126
 Downtown Fort Lauderdale Mobility Hub Streetscape Project

NONCONFORMANCE REPORT (NCR)

Contractor: Continental Construction USA
Attn: Jose R. Gomez
Date: June 26, 2020 **NCR No.:** 1

Notice is hereby given that the terms, materials and/or items of work, as fully described below, were reviewed, inspected, and/or tested by this office and was found not to be in conformance with the requirements of the subject contract.

YOUR IMMEDIATE ATTENTION AND CORRECTIVE ACTION ARE REQUIRED

No payment will be made by the owner for work deemed to be in nonconformance with the contract until such time as corrective actions have been submitted, approved, and performed.

DESCRIPTION OF NONCONFORMING ITEMS:

Watering of the relocated trees on Flagler Avenue was not performed as directed in Progress Meeting #17 on March 10, 2020 or in general conformance with the contract. At the Progress Meeting, the contractor was directed to water the relocated trees on a daily basis and the CEI Inspector was to be informed so it could be documented in the Daily Work Report and with photographs. Specification 02481, 3.3, G. states that relocated trees are to be watered once per day for the first 6 weeks, followed by 3 times per week for the following six weeks using a water truck. The following issues were observed during the time period following the relocation of the trees which began on January 23, 2020.

- Contractor failed to adhere to the watering frequency from Specification Section 02481, 3.3, G.
- Contractor failed to adhere to the directive issued on March 10, 2020 requiring daily watering of the relocated trees.
- Contractor failed to adhere to Part 7 – Irrigation of Plan Sheet L2.5 Tree Relocation Notes: Every effort shall be made to water the transplants as shown below. The Landscape Architect and/or Owner’s Representative shall inspect all irrigation zones during the initial irrigation months and adjust settings accordingly to insure proper watering. Water in all transplants immediately after planting. Tree Relocation Contractor shall water by hand or by temporary irrigation, all transplants after planting as required by Landscape Architect or Owner’s Representative until permanent irrigation is installed and operating.

Building Code Services
 Civil Engineering / Roadway & Highway Design
 Coastal Engineering
 Code Enforcement
 Construction Engineering & Inspection (CEI)
 Construction Services
 Data Technologies & Development
 Electrical Engineering
 Engineering
 Environmental Services
 Facilities Management
 Geographic Information Systems (GIS)
 Governmental Services
 Indoor Air Quality
 Landscape Architecture
 Planning
 Project Management
 Redevelopment & Urban Design
 Surveying & Mapping
 Traffic Engineering
 Transportation Planning
 Water / Utilities Engineering
 Website Development

1800 Eller Drive
 Suite 600
 Fort Lauderdale, FL
 33316
 954.921.7781 phone
 954.921.8807 fax

www.cgasolutions.com



CONTRACT DOCUMENTS REFERENCE:

Specifications:

- Section 02481: Tree Relocation and Protection

Plans:

- Part 7 Plan Sheet L2.5: Tree Relocation Notes

Building Code Services
Civil Engineering / Roadway
& Highway Design
Coastal Engineering
Code Enforcement
Construction Engineering &
Inspection (CEI)
Construction Services
Data Technologies &
Development
Electrical Engineering
Engineering
Environmental Services
Facilities Management
Geographic Information
Systems (GIS)
Governmental Services
Indoor Air Quality
Landscape Architecture
Planning
Project Management
Redevelopment
& Urban Design
Surveying & Mapping
Traffic Engineering
Transportation Planning
Water / Utilities Engineering
Website Development

1800 Eller Drive
Suite 600
Fort Lauderdale, FL
33316
954.921.7781 phone
954.921.8807 fax

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EXHIBIT B

TRANSPORTATION AND MOBILITY DEPARTMENT

290 NORTHEAST 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33301
TELEPHONE (954) 828-3700, FAX (954) 828- 3704

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Record of Tree Watering on Flagler Avenue as of 6/21/20

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
January																							*					X	X	X	X
February					X						X	X																			
March		X	X							***						X	X	X							X					X	
April																							X				X			**	
May	X			X	X		X	X				X	X	X								X				**	**	X	X		
June																															

X = Contractor watering the trees

*Tree Relocation began on 1/23/20.

**Trees not watered due to heavy rain event.

***Progress Meeting directing daily watering of relocated trees on Flagler Avenue.

WEEKLY SUMMARY

Month	Week	Water
January	1/23/20 - 1/24/20	0
	1/27/20 - 1/31/20	4
February	2/3/20 - 2/7/20	1
	2/10/20 - 2/14/20	3
	2/16/20 - 2/21/20	0
	2/24/20 - 2/28/20	0
March	3/2/20 - 3/6/20	2
	3/9/20 - 3/13/20	0
	3/16/20 - 3/20/20	3
	3/23/20 - 3/27/20	2
	3/30/20 - 3/31/20	1
April	4/1/20 - 4/3/20	0
	4/6/20 - 4/10/20	0
	4/13/20 - 4/17/20	0
	4/20/20 - 4/24/20	1
	4/27/20 - 4/30/20	2
May	5/1/2020	2
	5/4/20 - 5/8/20	4
	5/11/20 - 5/15/20	3
	5/18/20 - 5/22/20	1
	5/25/20 - 5/29/20	2
June	6/1/20 - 6/5/20	0
	6/8/20 - 6/12/20	0
	6/15/20 - 6/19/20	0

+1 day of heavy rain event

+2 days of heavy rain event



EXHIBIT C

TRANSPORTATION AND MOBILITY DEPARTMENT

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SECTION 02481 - TREE RELOCATION AND PROTECTION

PART 1 GENERAL

1.1 WORK TO BE PERFORMED AND WORK INCLUDED

- A. Prepare and relocate trees and palms designated for relocation within the project boundaries, to include all aspects of preparation, relocation, protection, and maintenance.
- B. Protection and care of existing trees and palms to remain within the project boundaries, to include all aspects of protection, pruning, fertilization, and watering.
- C. Watering by water truck.
- D. Follow up maintenance as required by these Specifications.
- E. Labor, materials, equipment, and services to complete all preparation, relocations and protection work as shown on the Drawings, as specified herein, or both.

1.2 SUBMITTALS

- A. Verification of Qualifications: The Contractor shall provide a list of references and project list of a minimum of 5 projects that the Contractor has successfully completed that are similar in scope and nature.
- B. List of all equipment to be utilized during tree preparation and transplanting.
- C. Literature on specified wetting agents, fertilizers, and soil conditioners.

1.3 APPLICABLE STANDARDS AND SPECIFICATIONS

- A. Comply with the following standards and specifications for all materials, methods, and workmanship unless otherwise noted:
 - a. Codes and Standards of the American Association of Nurserymen.
 - b. Codes and Standards of the National Arborists Association.
 - c. Codes and Standards of the International Society of Arboriculturists.

1.4 PERMITS

- A. The CONTRACTOR shall secure and pay for any permits, including tree relocation permits, required in order to complete the work under this Section.

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1.5 DESCRIPTION

- A. Trees to be relocated within the project area will be specifically designated in the field as project work progresses.
- B. Existing trees to be relocated shall be crown pruned and be treated with soil amendments prior to relocation.
- C. Existing trees to be relocated or to remain shall be protected with barricades during construction. Trees or shrubs to remain which are scarred or destroyed shall be replaced at the direction of the CITY Forester with the same species, size, and quality at no cost to the CITY.
- D. Tree pits resulting from relocated material shall be backfilled with clean fill and brought flush with surrounding grade.

1.6 GUARANTEES

- A. The Contractor Shall Guarantee His Work in the Following Way:
 - a. Any tree or palm that dies or is deemed in unacceptable condition for one year following final project acceptance shall be removed by the Contractor, including root ball, and backfilling of pit, at no cost to the Owner.
 - b. The Contractor shall provide a comparable specimen at no additional cost to the CITY.
 - c. The guarantee shall be enforced if it is deemed by the CITY Forester that tree mortality or decline is a product of negligence by the Contractor.

PART 2 PRODUCTS

2.1 SOIL AMENDMENTS

- A. Root stimulant shall be Roots Biostimulant, concentrate or powder, as manufactured by LISA Products Corp., (305) 797-6801, or CITY-approved equal. Stimulant shall be applied either as a wash, or by injection, mixed per manufacturer's recommendation.
- B. Soil conditioner shall be Lesco Wet, as manufactured by Lesco, Inc. or NoburN, as manufactured by Roots or CITY-approved equal.
- C. Minor element liquid fertilizer mix shall be Micro Mix liquid as produced by Lesco, Inc., or equal; to be diluted at a rate of 1 gallon per 100 gallons of water and applied at a rate of 50 gallons per 1,000 square feet of canopy, or Iron Roots, applied per manufacturer's instructions.
- D. Time Release Fertilizer tablets shall be Agriform, 15 grams, designation 8-8-8; or

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approved equal.

2.2 EQUIPMENT

- A. Soil amendments shall be injected into the soil by means of a spray apparatus utilizing mechanical agitation to keep powdered amendments suspended.
- B. Root pruning equipment shall be designed for this task, and shall produce clean cuts of roots without damage to the resulting root ball.
- C. Relocation equipment shall be capable of lifting and transporting trees without damage.

2.3 SOIL

- A. Soil to be placed once trees or palms are transplanted shall meet the requirements specified in the Contract Documents.

2.4 WATER

- A. Water shall be clean and potable, from municipal Fort Lauderdale source, or from onsite wells.

2.5 MULCH

- A. Grade A Eucalyptus mulch as supplied by Action Nursery Products, Inc., Fort Myers, Florida, 1-800-433-2050, or approved equal, and shall be free of viable weed seeds.

2.6 BRACING AND STAKES

- A. All bracing and stakes shall be pressure treated pine. Compression bands shall be stainless steel.

PART 3 EXECUTION

3.1 Excavating near existing Trees

- A. Maintain a minimum 6-foot clearance from all tree trunks except palm trees.
- B. Use a 24-inch minimum depth saw cut in pavement or dirt/gravel roadway before start of excavation in areas where there are large trees close to the construction area. No coating application is required after saw cutting roots.

3.2 PREPARATION FOR RELOCATION OF TREES AND PALMS WITHIN THE PROJECT BOUNDARIES

- A. Crown Pruning: All trees and palms shall be crown pruned prior to relocation.

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- a. Broadleaf Trees:
 - i. All trees are to be trimmed by thinning the crown only, and not by reducing crown dimensions. Trim to conform to NAA Standards, including removal of dead wood.
 - ii. Repair any existing injuries to trees including cavities and machinery marks.
 - b. Palms:
 - i. Remove all fruits and seed pods, and all but the 7 youngest fronds.
 - ii. Tie all remaining fronds with untreated cotton twine or burlap straps.
- B. Fertilization and Watering:
- a. Preparation: Clear the root ball area of all foreign material, trash, etc., to expose undisturbed soil.
 - b. Application/Schedule:
 - i. Trees shall be deep injection fertilized a minimum of 14 days prior to relocation. Specified liquid fertilizer shall be used and applied at the concentration and application rates stated herein.
 - ii. Mix wetting agent, biostimulant, and minor element mix to produce a single fluid with each component included at the specified concentration. Inject into the root zone within the limits of proposed root ball at the rate of 50 gallons fluid per 1,000 square feet of tree canopy, using only approved spray equipment.
 - iii. Form an earth berm 6 inches high outside the proposed root ball prior to watering. Water application shall saturate the root ball to its entire depth.
- C. Root Pruning:
- a. Technique:
 - i. All trees shall be excavated by digging a trench a minimum of 36 inches deep by 6 inches wide, either by hand or with a trenching machine designed for this purpose. Provide continuous trenching around the tree or palm at a minimum distance of 30 inches from the trunk. Hand cut broadleaf tree roots after trenching to produce clean cuts with no splits or tears.

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- ii. Barricades: Barricade all root pruned trees and palms at outside of soil berm with minimum 4-foot chain link fence or other barricade approved by the CITY.
- iii. Timing:
 - a. All oaks to be relocated shall be maintained for a minimum of 10 weeks after root pruning prior to relocation.
 - b. Palms shall be maintained a minimum of 4 weeks prior to relocation.

3.3 RELOCATION OF TREES AND PALMS

- A. General: Trees to be relocated shall be as directed by the CONSULTANT.
- B. Preparation:
 - a. Trees and palms shall be injected with soil amendments a minimum of 14 days prior to relocation. Apply at manufacturer's recommended concentration and application rates.
 - b. Trees and palms shall be thoroughly soaked to the full depth of the root ball daily for 7 consecutive days prior to relocation.
 - c. Accurately locate position and elevation where all trees are intended to be planted, for verification by CITY Forester. Verify that no overhead or underground utilities, existing or proposed, conflict with proposed locations.
 - d. Ascertain that all proposed paths for machinery are clear of utilities and other obstructions.
- C. Excavation of Tree Pits: Dig all pits with vertical sides and flat bottom. Existing soil may be utilized as backfill as directed by the CITY Forester. All Tree Pits to be lined with root barrier adjacent to roadways and sidewalks as directed by CITY PROJECT MANAGER.
- D. Digging and Handling - Broadleaf Trees:
 - a. Notify CITY 2 business days in advance of each relocation to allow for observation of procedures.
 - b. Determine line of previous root pruning and excavate around root mass to leave area 12 inches out from line of root pruning undisturbed. Digging shall be accomplished so as to produce clean cuts on all roots without tearing or splitting. Trenching shall be a minimum of 36 inches deep.
 - c. Trees are to be handled in such a way as to avoid damage to bark and limbs subject to support cables or chains. Attach padded support cables or chains at multiple points where possible. Alternatively, tree trunks may

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- be drilled and doweled for broadleaf trees. The CITY Forester reserves the right to require doweling in lieu of lifting by straps.
- d. Root balls are to be undercut prior to lifting. Do not force tree from ground prior to undercutting. Ball depth to be determined upon assessing conditions at time of trenching, to keep intact the entire root ball.
 - e. Trees shall be properly wrapped during moving so trunks will not be scarred and damaged and to avoid broken limbs. Broken limbs or scarred trunks shall cause tree to be unacceptable and rejected at the CITY's option. Broken limbs and wounds which do not (in the judgment of the CITY Forester) cause the tree to be rejected shall be cleanly cut.
 - f. Transport plant material on vehicles of adequate size to prevent overcrowding, broken limbs, foliage damage or root ball damage.
 - g. Root balls and foliage shall be kept moist during all phases of relocation.
 - h. Partially backfill tree pits with 12 inches of approved planting soil prior to setting tree. This layer of soil to be thoroughly drenched prior to relocation to achieve a stable platform at the correct elevation so that the top of rootball is 1 inch above proposed grade.
 - i. Rotate tree prior to setting to achieve best positioning relative to adjacent trees and viewing angles.
- E. Backfilling:
- a. Flood bottom soil layer to settle tree into best position and to remove air pockets.
 - b. Continue to flood root ball as planting soil is deposited to ensure removal of all air pockets.
 - c. Create a saucer to retain water.
- F. Bracing:
- a. Support tree with machinery until bracing is complete.
 - b. Buttresses may support separate trunks on multiple trunk trees.
 - c. Maintain braces until completion of project. Removal of braces shall be by others.
- G. Watering: Relocated trees shall be watered using water-truck. Watering schedule shall be: once per day for first 6 weeks; followed by 3 times per week for following 6 weeks.



EXHIBIT D

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City of Ft. Lauderdale Downtown Mobility Hub Streetscape Roadway Improvements Project

Weekly Progress Meeting # 17- Minutes March 10, 2019 at 8:30 am County: Broward

Project No.: 12126
Bid No.: 12292-296
Contractor: Continental Construction USA LLC

I. SIGN-IN:

II. SCHEDULE REVIEW:

A. Contract time changes to date:

Original Contract Time:	316
Approved Weather Days:	0 days
Approved SA/FSA/WO Days:	0 days
Allowed Contract Time:	316 days
Today's contract day:	107
Last Contract Day:	October 5, 2020
Original Contract Amount:	\$2,359,635.67
Added by SA/WO:	\$0
Current Contract Amount:	\$2,359,635.67
Amount Billed to Date:	\$291,163.32
Progress (Time vs. Money):	33.9% Time vs. 12.3% Money (through PR #3)
Cutoff Date Used:	N/A
Next Monthly Cutoff:	March 25, 2020

B. Discussion of work performed in the past week

- **Removal of concrete curb/sidewalk and asphalt pavement at NW 4th St.**
- **Removal of concrete curb at NW 2nd St.**
- **Compaction of limerock base on roadway side at Flagler Ave.**
- **Work suspended on Wednesday, March 4th at 1:58 PM.**
- **Work resumed today.**

C. 2 Week Look Ahead Schedule:

- Pending submittal

D. Phasing and CPM discussion:

- Monthly CPM Schedule Update submitted with Pay Request #3
- Phases 1 and 2 are behind schedule; Recovery Plan narrative received today



- Phases 3 & 4: Received Broward County approval for Phase 3.

E. Pay Requests:

- **Pay Requests #1 & #2: Daily work reports and MPO forms pending (MPO forms can be combined for both Pay Requests). Contractor stated that they would provide these today.**
- Pay Request #3: Schedule of Values approved, awaiting complete package
 - In Process
- Pay Request #4: Pending submittal of draft copy – **Contractor stated that they will provide this week.**

III. PERMITS: City Engineering Division informed Contractor that Christine can approve all the permits.

A. Tree Removal, Landscaping, G-Land: Christine hand delivered to DSD on 12/4/19: Permit procured on 1/2/20.

B. Dewatering: Permit procured on 12/18/19.

C. Environmental Resource Permit: Permit procured on 1/21/20

D. BC Highway Construction and Engineering & BC Transit: Received Plan Approval letter on 1/21/20.

Letter states:

Prior to commencing construction of the roadway and related improvements shown on the approved plans, a licensed engineering contractor will need to obtain a permit, from this office, for work in the No. Andrews Avenue right of way.

Schedule an appointment with the Broward County Highway Construction and Engineering Division to obtain the permit, please call Mr. Etienne Joachim, at (954) 577-4571.

Contractor must obtain a bond and permits from Broward County Highway Construction and Engineering Division & MOT. Contractor is coordinating with Etienne Joachim of Broward County Permitting. Christine sent email on 1/30/20 with information after her conversation with Etienne.

Contractor sent bond with City to Broward County. They will forward their email correspondence with the County to the project team. **PENDING**

IV. MOT:

A. MOT devices on NW 2nd Street in Phase 1 need to be in place and secured at all times. This also applies to all Phases.

B. Construction project on North side of NW 4th Street ongoing (duration of 14 months)

a. Contractor will maintain ingress and egress from NW 4th Street to the alley behind the



property.

- C. Flagler Village Hotel construction project
 - a. Coordination of schedules is vital to prevent delays.
 - D. MOT permit extension for Phase 1. **Status: Giancarlo will follow up today and include the project team in any correspondence.**
 - E. MOT permit for Phase 2 expires on 3/13/20. **Status: Giancarlo will follow up today and include the project team in any correspondence.**
 - F. It was agreed that contractor should submit Phase 3 & 4 MOT plans for approval now to expedite the process. At a previous Progress Meeting, Giancarlo stated that he is continuously attempting to contact Etienne from Broward County Highway Construction and Engineering Division.
 - a. **Phase 3 application was submitted on 2/21/20. Status: Giancarlo will follow up today and include the project team in any correspondence.**
 - i. **Cannot begin Phase 3 until Phases 1 & 2 are complete.**
 - b. Police and fire signatures are only good for 60 days.
 - G. Please conduct periodic reviews of the MOT devices to ensure they aren't knocked down or displaced.
- V. PUBLIC INFORMATION (PIO):
- A. N/A
- VI. ENVIRONMENTAL:
- A. Silt fence repair – **Status: All repairs will be done by tomorrow if not done already.**
 - B. Mark Williams investigated the severity of the damaged silver buttonwood tree branches on the west side of Flagler Ave. He stated that he will need to inspect all the existing landscape when the silt fence is removed because it is hard to see now. He believes some of the damaged existing landscape will need replacement.
 - C. **Continuous tree protection to be placed on the relocated trees in the median on Flagler Ave. around root bulbs – better than nothing.**
- VII. MATERIALS:
- A. QC Plan Approved
 - 1) Earthwork: Backfill and compaction details clarified by EOR in RFI #2
 - a. Limerock depth (Pay Items vs. Typical Section) 8" limerock base under roadway on Flagler Ave to be paid under line item for 12" limerock base
 - b. **Missing delivery tickets – to be submitted this week**
 - 2) Concrete: Ensure delivery tickets are submitted for each truck and material test reports are submitted timely.
 - 3) Asphalt: N/A



B. Material Testing: Density Testing reports should be submitted within a couple days of the test performed. Last one received was for 1/24/20. Density Log Book must be submitted for review. **To be submitted this week.**

C. **Revised Buy America Certifications are pending. Comments sent on 2/27/20. To be submitted this week.**

VIII. RFI's: **See RFI Tracking Log**

A. RFI #9: EOR requested specifics about plan discrepancies between the signed and sealed plans and the CAD files.

B. RFI #14 Decorative Concrete Pattern: **PENDING EOR RESPONSE**

C. RFI #15A: Received EOR response on 3/2/20.

D. **Broward County requires preformed thermoplastic striping on concrete for bike lanes.**

IX. SUBMITTALS: **See Submittal Log**

A. Submittals Under Review

i. Submittal #31 Planting Soil: **UNDER REVIEW**, EOR requested the following additional information on 1/28/20, which was forwarded to Giancarlo on 2/5/20: "Can you please confirm where the test results submitted in submittal #34 were taken from? Were they results from the existing native soils? Additionally, can you also submit a spec sheet from the supplier of the topsoil mixture you will be using?"

AWAITING RESPONSE FROM SUPPLIER

ii. Submittal #34 Electrical Items: **PENDING EOR REVIEW**

iii. Submittal #35 Coquina Shell: **REVISE & RESUBMIT**

iv. Submittal #36 Concrete Design: **REVISE & RESUBMIT**

v. Submittal #37 Irrigation piping, fittings and sprinkler heads: **REVISE & RESUBMIT**

B. Submittal Pending

i. **Complete list of Subcontractors with Insurance Certificates**

ii. **Prime and Tack Coats for asphalt**

iii. **Lighting Wiring**

iv. **Electrical Panel**

v. **Remaining Irrigation Components**

vi. **Decorative Concrete Pavers**

vii. **Mulch**

viii. **Landscaping shrubs, trees & palms**

ix. **Trash Receptacle**

x. **Bench**

xi. **Bike Rack**

xii. **Expansion Joint Material**

xiii. **Preformed thermoplastic for bike lanes on concrete**



X. PENDING ITEMS:

- A. Preconstruction & Postconstruction Video of remaining Phases
- Specification requirements
 - **Phase 2 precon video was submitted but does not meet the contract requirements. This will be accepted since work already started. Future phases must abide by the specification requirements. Contractor provided videos on a flash drive to CEI.**
 - **City provided list of companies that perform this service.**
 - **Phase 3 cannot begin until that preconstruction video is submitted and approved.**
- B. Layout of Work and Stationing
- Complete for Phases 1 & 2
- C. Procurement of Staging Area: Contractor will utilize their work zone for staging
- D. Utility coordination meeting with FP&L: From the previous Progress Meeting, Christine to email a different contact person
- Contractor shall coordinate with FP&L at the time of meter installation prior to connection. The contact person listed in the plans is Paige Green (paige.green@fpl.com).
 - Internal meeting yesterday determined that FP&L is maintaining the street lights.
- E. William Teke, Property Manager Eclipse West Apartment Homes: Contractor to fix irrigation from private property that went into the work area
- Contractor stated that this work was complete. Luis will send an email to this effect and request a field meeting with apartment maintenance to turn on irrigation and verify no issues. This was supposedly done on 2/11/20. **Felix sent email on 3/4/20 to close this item.**
- F. Damaged Gumbo Limbo trees, lack of watering of trees causing tree shock, proper trimming of trees with broken branches by certified tree arborist. Mark will make ultimate determination if any trees need to be replaced. **According to Julio, the trees are not being watered on a daily basis. Contractor stated that they are being watered at the frequency advised by their Landscape Architect. City advised the contractor that the trees are to be watered on a daily basis and Julio is to be notified so he can document it.**
- G. Parking meters: Include payment for Phases 1 and 2 in next Pay Request
- **Extension of MOT permits for Phases 1 and 2 will require additional payment for parking mitigation.**
 - Payment for Phase 1 extension was submitted on 2/20/20.
 - **Phase 2 meters were picked up by City on 2/28/20.**
 - Contractor will coordinate with Bryan Greene for re-installation of meters.
 - **Reimbursement for parking mitigation will only be applied to original dates of MOT permit + approved time extensions.**
- H. City will coordinate internally to clarify water tap work at Flagler Ave & NW 2nd St. **See NEW ITEMS for minutes to internal meeting.**




- I. Contractor will perform the 10' x 10' mockup of the decorative concrete outside of the proposed area for review and approval. Shiau Ching will look into who needs to approve it. **Contractor to provide 3 days' notice prior.**
- XI. NEW ITEMS
- A. Update on procurement of Easements:
- Convenience Store: **Received from Christine on 2/5/20.**
 - Brightline: PENDING (Future Commission Meeting TBD)
 - Broward County Transit: PENDING (March 17, 2020 Commission Meeting)
- XII. CHANGE ORDERS/CONTRACT AMENDMENTS:
- A. Change Order for changes to drainage items in Phase 1 to be processed as Cost of Work
- Awaiting Change Order package for review – **SUBMITTED ON 2/26/20, UNDER REVIEW**
- B. Change Order for changes to drainage items in Phase 2 to be processed as Cost of Work
- Awaiting Change Order package for review – **PENDING – To be submitted this week.**
- C. **Contractor was advised to follow the contract requirements for future Change Orders or they may not be accepted.**
- XIII. EEO/DBE:
- A. Pending items: **Bulletin Board still needs correction. Non-compliance letter issued on 3/3/20. Today is the last day to correct it. Contractor stated that it will be corrected today.**
- XIV. OPEN DISCUSSION:
- Internal Meeting held on 3/9/20 @ 11:30 AM:
 - **Pedestrian Lights:** We are moving forward with the approved pedestrian lights currently in delivery.
 - **Street Lights:** Contractor to submit the windload calculations. City is coordinating with MPO and FP&L to determine if we will be allowed to install the new fixtures or if we can transfer them to FP&L to install. If our contractor is allowed to install them, they will be responsible for them until Final Acceptance.
 - **FP&L Meter Connection:** Contractor must coordinate with FP&L for service connection. FP&L will install the meter. Contractor must apply and pay for service until Final Acceptance.
 - **Landscaping:** City is ok with relocation of trees to final location on Flagler Ave. They must be watered on a daily basis and have tree protection. Notice will be sent to contractor requesting due diligence to ensure survival of trees and avoid replacements.



- **Water Meter for Irrigation:** There is no existing point of connection. Contractor must coordinate with City Utilities to tap the watermain and install a meter to establish the point of connection. The EOR will visit the site after the meeting and provide their findings. City recommends eliminating the landscaping and irrigation on the SW corner of Flagler Ave. and NW 2nd St. to avoid underground utilities and to avoid blocking an apparent access to the Broward County Transit Bus Terminal.

Next Meeting: [The next meeting will be on Tuesday, March 17, 2020 at 8:30 AM.](#)

DOWNTOWN MOBILITY HUB STREETScape IMPROVEMENTS															
Date	3/12/2020														
	THIS WEEK							NEXT WEEK							
	3/9/2020							3/16/2020							
TASK	M	T	W	T	F	Sa	Su	M	T	W	T	F	Sa	Su	NOTES
Base Prep. For Asphalt (Flaglers Ave)				X	X			X	X	X	X	X			
Base Prep. For Concrete (Flaglers Ave)			X	X	X			X	X	X	X	X			





July 17, 2020

Juan Carlos Jurado, President
Continental Construction USA, LLC.
95 Merrick Way, Suite 480
Coral Gables, FL 33134

RE: Invitation bid number 12292-296, Project number 12126, Downtown Fort Lauderdale Mobility Hub Streetscape Project – Notice of Nonconformance Report 002.

Mr. Jurado;

This nonconformance report 002 letter shall notify Continental Construction USA, LLC that Continental Construction USA, LLC did not comply with:

- Florida Department of Environmental Protection
- Section 01560: Temporary Controls, in the City of Fort Lauderdale's Construction Agreement - Engineering Specification
- Section 02340: Erosion Control and Soil Stabilization, in the City of Fort Lauderdale's Construction Agreement - Engineering Specification
- Plan Sheet C2.0 to 2.2 – Erosion Control Plan
- Plan Sheet C2.3 – Erosion Control Details: Silt Fence Detail, in the City of Fort Lauderdale's Construction Agreement – Engineering Design Plan

In additional, the City has hosted weekly progress meetings between the Broward Metropolitan Planning Organization, the City's consultant, and Continental Construction since November 5, 2019 to discuss the construction progress, status, and next steps. During these weekly meeting, Continental Construction was informed of the lack of maintenance for the silt fence since June 2, 2020 in weekly meeting #29 and as recently as July 14, 2020 in weekly meeting #33.

The site inspector has found that throughout the project area, the silt fence has not been replaced, installed and/or not properly installed. Continental Construction failed to

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implement the stormwater pollution prevention plan (SWPPP) as required by Florida Department of Environmental Protection.

These actions exhibit Continental's lack of concern and respect for the environment. Please perform the correction action within seven (7) days as stated in the contract agreement.

As stated in Section 11.8 City May Correct Defective Work:

If the Contractor fails within a reasonable time after written notice of the Project Manager to proceed to correct defective Work or to remove and replace rejected Work as required by the Project Manager in accordance with Paragraph 11.5, or if the Contractor fails to perform the Work in accordance with the Contract Documents, the City may, after seven (7) days written notice to the Contractor, correct and remedy any such deficiency. In exercising its rights under this paragraph, the City shall proceed expeditiously. To the extent necessary to complete corrective and remedial action, the City may exclude the Contractor from all or part of the site, take possession of all or part of the Work, suspend the Contractor's services related thereto and take possession of the Contractor's tools, construction equipment and materials stored at the site or elsewhere. The Contractor shall allow the City's representative agents and employees such access to the site as may be necessary to enable the City to exercise its rights under this paragraph. All direct and indirect costs of the City in exercising such rights shall be charged against the Contractor in an amount verified by the Project Manager, and a Change Order shall be issued incorporating the necessary revisions in the Contract Documents and a reduction in the Contract Price. Such direct and indirect costs shall include, in particular but without limitation, compensation for additional professional services required and costs of repair and replacement of work of others destroyed or damaged by correction, removal or replacement of the Contractor's defective Work. The Contractor shall not be allowed an extension of the Contract Time because of any delay in performance of the Work attributable to the exercise by the City of the City's right hereunder.

If you have any questions or concerns, please contact me via email at slow@fortlauderdale.gov

Sincerely,

Shiau Ching Low
Project Manager II





Enclosed

Exhibit A: Non-compliance Notice from CEI Consultant

Exhibit B: Invitation to Bid: General Conditions

Exhibit C: Submittal #12 NPDES Permit

Exhibit D: Section 01560: Temporary Controls

Exhibit E: Section 02340: Erosion Control and Soil Stabilization

Exhibit F: Plan Sheet C2.0 to C2.2- Erosion Control Plan Sheet

Exhibit G: Plan Sheet C2.3 - Erosion Control Details: Silt Fence Detail

Exhibit H: Images

CC:

Ben Rogers, City of Fort Lauderdale Transportation and Mobility Department Director

Felix Garcia, Calvin Giordano CEI Department Project Administrator

File

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EXHIBIT A

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City of Fort Lauderdale
 Transportation and Mobility
 Project No.: 12126
 Downtown Fort Lauderdale Mobility Hub Streetscape Project

NONCONFORMANCE REPORT (NCR)

Contractor: Continental Construction USA

Attn: Jose R. Gomez

Date: June 29, 2020 **NCR No.:** 2

Notice is hereby given that the terms, materials and/or items of work, as fully described below, were reviewed, inspected, and/or tested by this office and was found not to be in conformance with the requirements of the subject contract.

YOUR IMMEDIATE ATTENTION AND CORRECTIVE ACTION ARE REQUIRED

No payment will be made by the owner for work deemed to be in nonconformance with the contract until such time as corrective actions have been submitted, approved, and performed.

DESCRIPTION OF NONCONFORMING ITEMS:

Specification Section 02340, 1.1, A., a. states, "Provide erosion control measures on the Project and in areas where work is accomplished in conjunction with the Project, so as to prevent pollution of water, detrimental effects to public or private property adjacent to the Project." The installation and maintenance of the erosion control on the project is not being performed in general conformance with this Specification. The attached plan sheets show the locations for the silt fence and work is currently being performed in some areas without the silt fence installed. Additionally, areas that do have silt fence are not being maintained properly and/or have not been installed properly. The following outline sections of the specification that are not being adhered to.

- Contractor failed to adhere to the SFWMD General Conditions outlined in the Environmental Resource Permit where it is stated, "performance-based erosion and sediment control best management practices shall be installed immediately prior to, and be maintained during and after construction as needed, to prevent adverse impact to the water resources and adjacent lands."
- Contractor failed to adhere to the applicable environmental protection guidelines for the duration of the project as stated in General Conditions GC -18 SAFETY PRECAUTIONS of the Invitation to Bid.
- Contractor failed to provided controls over environmental conditions at the construction site and related area under CONTRACTOR'S control as stated in Specification Section 01560, 1.1, A.
- Contractor failed to ensure that all erosion control procedures comply with the National Pollutant Discharge Elimination System (NPDES) as stated in Specification Section 01560, 1.10, D.

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EXCEPTIONAL SOLUTIONS™

- Contractor failed to install silt fence along contour where shown on the Drawings in all locations as stated in Specification Section 02340, 3.8, B.
- Contractor failed to maintain some areas of installed silt fence to ensure that spliced areas overlap a minimum of 6 inches as stated in Specification Section 02340, 3.8, D.
- Contractor failed to install silt fence in some areas such that no more than 30 inches extends above the ground surface as stated in Specification Section 02340, 3.8, E.
- Contractor failed to repair or replace some damaged areas of silt fence as stated in Specification Section 02340, 3.8, F.
- Contractor failed to install the silt fence in some areas according to the Silt Fence Detail shown on Plan Sheet C2.3-EROSION CONTROL DETAILS.
- Contractor failed to adhere to the approved SWPPP.

CONTRACT SPECIFICATION REFERENCE:

Environmental Resource Permit: SFWMD General Conditions

Invitation to Bid: General Conditions

Section 01560: Temporary Controls

Section 02340: Erosion Control and Soil Stabilization

Plan Sheet C2.3-Erosion Control Details: Silt Fence Detail

SWPPP

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EXHIBIT B

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GENERAL CONDITIONS

Unless otherwise modified in the projects special conditions, the following General Conditions shall be part of the Contract:

GC - 01 - DEFINITIONS - The following words and expressions, or pronouns used in their stead, shall wherever they appear in the Contract and the Contract Documents, be construed as follows:

"Addendum" or "Addenda" - shall mean the additional Contract provisions issued in writing, by the Engineer, prior to the receipt of bids.

"Bid" – shall mean the offer or proposal of the Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.

"Bidder" – shall mean any person, firm, company, corporation or entity submitting a Bid for the Work.

"Bonds" –shall mean Bid, performance and payment bonds and other instruments of security, furnished by Contractor and his surety in accordance with the Contract Documents.

"City" – shall mean the City of Fort Lauderdale, Florida, a Florida municipal corporation. In the event the City exercises its regulatory authority as a government body, the exercise of such regulatory authority and the enforcement of any rules, regulations, codes, laws and ordinances shall be deemed to have occurred pursuant to City's authority as a governmental body and shall not be attributable in any manner to the City as a party to this Contract. For the purpose of this Contract, "City" without modification shall mean the City Commission, and/or City Manager or his/her designee(s) as applicable.

"Construction Manager" - shall mean the Public Works Director or his/her designee.

"Construction Project Manager" - shall mean the Public Works Director or his/her designee.

"Consultant" – shall mean a person, firm, company, corporation or other entity employed by the City to perform the professional services for the project.

"Contract Work" - shall mean everything expressed or implied to be required to be furnished and furnished by the Contractor by any one or more of the parts of the Contract Documents referred to in the Contract hereof except Extra Work as hereinafter defined, it being understood that, in case of any inconsistency in or between any part or parts of this Contract, the Public Works Director shall determine which shall prevail.

"Design Documents" – shall mean the construction plans and specifications included as part of a Bid/Proposal Solicitation prepared either by the City or by the Consultant under a separate Agreement with the City.

"Engineer" - shall mean the Public Works Director or his/her designee.

"Extra Work" - shall mean work other than that required by the Contract.

"Inspector" – shall mean an authorized representative of the City assigned to make necessary inspections of materials furnished by Contractor and of the Work performed by Contractor.

"Notice" - shall mean written notice sent by certified United States Mail, return receipt requested, or sent by commercial express carrier with acknowledgement of delivery, or via fax or email, or by hand delivery with a request for a written receipt of acknowledgment of delivery and shall be served upon the Contractor either personally or to its place of business listed in the Bid.

"Owner" - shall mean the City of Fort Lauderdale.

"Project Manager" - shall mean the Public Works Director or his/her designee.

"Public Works Director" -shall mean the Public Works Director of the City of Fort Lauderdale, Florida or his/her designee(s).

"Site" - shall mean the area upon or in which the Contractor's operations are carried out and such other areas adjacent thereto as may be designated as such by the Public Works Director.

"Subcontractor" - shall mean any person, firm, company, corporation or other entity, other than employees of the Contractor, who or which contracts with the contractor, to furnish, or actually furnishes labor and materials, or labor and equipment, or labor, materials and equipment at the site.

"Surety" - shall mean any corporation or entity that executes, as Surety, the Contractor's performance and payment bond securing the performance of this Contract.

GC - 02 - SITE INVESTIGATION AND REPRESENTATION - The Contractor acknowledges that it has satisfied itself as to the nature and location of the Work under the Contract Documents, the general and local conditions of the Site, particularly those bearing upon availability of transportation, disposal, handling and storage of materials, availability of labor, water, electric power, and roads, the conformation and conditions at the ground based on City provided reports, the type of equipment and facilities needed preliminary to and during the prosecution of the Work and all other matters which can in any way affect the Work or the cost thereof under the Contract Documents.

The Contractor acknowledges that it has conducted extensive tests, examinations and investigations and represents and warrants a thorough familiarization with the nature and extent of the Contract Documents, the Work, locality, soil conditions, moisture conditions and all year-round local weather and climate conditions (past and present), and, in reliance on such tests, examination and investigations conducted by Contractor and the Contractor's experts, has determined that no conditions exist that would in any manner affect the Bid Price and that the project can be completed for the Bid Price submitted.

The Contractor, on its own, has made or caused to be made examinations, investigations, tests and studies of reports and related data in addition to those referred above, as Contractor deemed necessary to perform the Work at the Bid price set by the Contractor, within the contract time and in accordance with the other terms and conditions of the Contract Documents and the Bid made by the Contractor; and no additional examinations, investigations, tests, reports or similar data are, or will be, required by Contractor to assure that the Work can be done at the Bid price set by the Contractor.

The Contractor further acknowledges that it has satisfied itself based on any geotechnical reports the City may provide and inspection of the project Site as to the character, quality, and quantity of surface and subsurface materials to be encountered from inspecting the site and from evaluating information derived from exploratory work that may have been done by the City or included in the

Contract Documents and finds and has further determined that no conditions exist that would in any manner affect the Bid price and that the project can be completed for the Bid price submitted..

Any failure by the Contractor to acquaint itself with all the provided information and information obtained by visiting the project Site will not relieve Contractor from responsibility for properly estimating the difficulty or cost thereof under the Contract Documents. In the event that the actual subsurface conditions vary from the actual City provided reports, the Contractor shall notify the City and the Contract amount may be adjusted depending on the conditions, at the approval of the City.

GC - 03 - SUBSTITUTIONS - If the Contractor desires to use materials and/or products of manufacturer's names different from those specified in the Contract Documents, the Bidder requesting the substitution shall make written application as described herein. The burden of proving the equality of the proposed substitution rests on the Bidder making the request. To be acceptable, the proposed substitution shall meet or exceed all expressed requirements of the Contract Documents and shall be submitted upon the Contractor's letterhead, in addition to the "Contractor's Request for Substitution" form provided by the Public Works Director. The following requirements shall be met in order for the substitution to be considered:

1. Requests for substitution shall reach the Public Works Director no less than ten (10) Working Days prior to the date set for opening of Bids; and
2. Requests for substitution shall be accompanied by such technical data, as the party making the request desires to submit. The Public Works Director will consider reports from reputable independent testing laboratories, verified experience records from previous users and other written information valid in the circumstances; and
3. Requests for substitution shall completely and clearly indicate in what respects the materials and/or products differ from those indicated in the Contract Documents; and
4. Requests for substitution shall be accompanied by the manufacturer's printed recommendations clearly describing the installation, use and care, as applicable, of the proposed substitutions; and
5. Requests for substitution shall be accompanied by a complete schedule of changes in the Contract Documents, if any, which must be made to permit the use of the proposed substitution; and

If a proposed substitution is approved by the Public Works Director, an Addendum will be issued to prospective bidders not less than three (3) working days prior to the date set for opening of Bids. Unless substitutions are received and approved as described above, the successful Bidder shall be responsible for furnishing materials and products in strict accordance with the Contract Documents.

GC - 04 - CONTROL OF THE WORK - The Public Works Director shall have full control and direction of the Work in all respects. The Public Works Director and/or his authorized designee(s) shall, at all times, have the right to inspect the Work and materials. The Contractor shall furnish all reasonable facilities for obtaining such information, as the Public Works Director may desire respecting the quality of the Work and materials and the manner of conducting the Work. Should the Contractor be directed or permitted to perform night Work, or to vary the period which work is ordinarily carried on in the daytime, he shall give ample notice to the Public Works Director so that proper and adequate inspection may be provided. Such Work shall be done only under such regulations as are furnished in writing by the Public Works Director, and no extra compensation shall be allowed to the Contractor therefore. In the event of night work, the Contractor shall furnish

such light, satisfactory to the Public Works Director, as will insure proper inspection. Nothing herein contained shall relieve the Contractor from compliance with any and all City ordinances relating to noise or Work during prohibited hours.

The Contractor shall keep the Public Works Director informed, a reasonable time in advance, as to his need for grades and lines in order that the same may be furnished and all necessary measurements made for records and for payment with the minimum of inconvenience to the Public Works Director or of delay to the Contractor. The Contractor shall submit to the Public Works Director or Inspector on the job a written request outlining the streets, etc., for which the Contractor desires lines and grades. It is the intention not to delay the Work for the giving of lines and grades, but when necessary, work operations shall be suspended for such reasonable time as the Public Works Director may require for this purpose. However, such cost increases shall be authorized either by the City Manager and/or designee, or the City Commission based upon the purchasing threshold amounts provided for in Chapter 2 of the City of Fort Lauderdale's Code of Ordinances.

GC - 05 - SUBCONTRACTOR - The Contractor shall not sublet, in whole or any part of the Work without the written consent and approval of the Public Works Director. Within ten (10) days after official notification of starting date, the Contractor must submit in writing, to the Public Works Director, a list of all Subcontractors. No Work shall be done by any Subcontractor until such Subcontractor has been officially approved by the Public Works Director. A subcontractor not appearing on the original list will not be approved without written request submitted to the Public Works Director and approved by the Public Works Director. In all cases, the Contractor shall give his personal attention to the Work of the Subcontractors and the Subcontractor is liable to be discharged by the Contractor, at the direction of the Public Works Director, for neglect of duty, incompetence or misconduct.

Acceptance of any Subcontractor, other person, or organization by the Public Works Director shall not constitute a waiver of any right of Public Works Director to reject defective Work or Work not in conformance with the Contract Documents.

Contractor shall be fully responsible for all acts and omissions of his Subcontractors and of persons and organizations directly or indirectly employed by them and of persons and organizations for whose acts any of them may be liable to the same extent that he is responsible for the acts and omissions of persons directly employed by him. Nothing in the Contract Documents shall create any contractual relationship between City and any Subcontractor or other person or organization having a direct contract with Contractor, nor shall it create any obligation on the part of City to pay or to see to the payment of any moneys due to any Subcontractor or other person, or organization, except as may otherwise be required by law.

GC - 06 - QUANTITIES - It is mutually agreed that the proposal shows the approximate amounts only along with the Plans and the general location. It is also mutually agreed that no change will be made involving any departure from the general scheme of the Work and that no such change involving a material change in cost, either to the City or Contractor, shall be made, except upon written permission of the City. However, the Public Works Director shall have the right to make minor alternations in the line, grade, plan, form or materials of the Work herein contemplated any time before the completion of the same. That if such alterations shall diminish the quantity of the Work to be done, such alterations shall not constitute a claim for damages or anticipated profits. That if such alterations increase the amount of the Work to be done, such increase shall be paid for according to the quantity actually performed and at the unit price or prices stipulated therefore in the Contract.

The City shall, in all cases of dispute, determine the amount or quantity of the several kinds of Work which are to be paid for under this Contract, and shall decide all questions relative to the execution of the same, and such estimates and decisions shall be final and binding.

Any Work not herein specified, which might be fairly implied as included in the Contract, of which the City shall judge, shall be done by the Contractor without extra charge. However, such cost increases shall be authorized either by the City Manager and/or designee, or the City Commission based upon the purchasing threshold amounts provided for in Chapter 2 of the City of Fort Lauderdale's Code of Ordinances.

GC-07 - NO ORAL CHANGES - Except to the extent expressly set forth in the Contract, no change in or modification, termination or discharge of the Contract in any form whatsoever, shall be valid or enforceable unless it is in writing and signed by the parties charged, therewith or their duly authorized representative.

GC - 08 - PERMITS AND PROTECTION OF PUBLIC – Permits on file with the City and or those permits to be obtained shall be considered directive in nature and will be considered a part of this Contract. A copy of all permits shall be given to the City and become part of the Contract Documents. Terms of permits shall be met prior to acceptance of the Work and release of the final payment.

The Contractor shall be required to observe all the ordinances in relation to obtaining permits for occupying, excavating, or in any way obstructing the streets and alleys. He shall erect and maintain barricades and sufficient safeguards around all excavations, embankments or obstructions; he shall place sufficient warning lights at or near the Work; keep the same burning from sunset to sunrise, employ watchmen, and strictly obey all laws and ordinances controlling or limiting those engaged in similar work.

Where there are telephones, light or power poles, water mains, conduits, pipes or drains or other construction, either public or private, in or on the streets or alleys, the Work shall be so conducted that no interruption or delay will be caused in the operation or use of the same. Proper written notice shall be given, and all the facilities, afforded the owners of such construction encountered or likely to be encountered, as will enable them to preserve the same from injury.

The Contractor shall not be permitted to interfere with public travel and convenience by grading or tearing up streets indiscriminately, but the Work of constructing the various items in this contract shall proceed in an orderly, systematic and progressive manner.

Contractor shall not load nor permit any part of any structure to be loaded with weights that will endanger the structure, nor shall he subject any part of the Work to stresses or pressures that will endanger it.

Where lifting operations involving the use of specialized cranes are required as part of construction, Contractor must make undertake the following investigation and submit the results and documentation to the Engineer prior to commencing any lifting operations: marking a very specific area in the field for the placement of the crane; a drawing showing the limitations of the job operation (i.e. not over adjacent properties or pedestrian and high vehicular traffic areas); underground utility exploration in the vicinity of the crane location, which may include ground penetrating radar to identify voids or old pipe or other subsurface features that could lead to sudden failure; assessment of the underlying soil and roadway materials and a worst case analysis based on entire load being distributed on just one or two outriggers; provision of properly sized pads under the outriggers; loading charts from manufacturer showing allowable configurations/loads; and inspection to make sure crane operation is in accordance with the permit conditions.

GC - 09 - DISEASE REGULATIONS - The Contractor shall enforce all sanitary regulations and take all precautions against infectious diseases as the Public Works Director may deem necessary. Should any infectious or contagious diseases occur among his employees, he shall arrange for the immediate removal of the employee from the Site and isolation of all persons connected with the Work.

GC - 10 - CONTRACTOR TO CHECK PLANS, SPECIFICATIONS, AND DATA - The Contractor shall verify all dimensions, quantities, and details shown on the plans, supplementary drawings, schedules, or other data received from the Public Works Director, and shall notify the Public Works Director of all errors, omissions, conflicts and discrepancies found therein within three (3) working days of discovery. Failure to discover or correct errors, conflicts, or discrepancies shall not relieve the Contractor of full responsibility for unsatisfactory Work, faulty construction, or improper operation resulting there from nor from rectifying such condition at his own expense.

GC - 11 - SUPPLEMENTARY DRAWINGS - When, in the opinion of the Public Works Director, it becomes necessary to explain more fully the Work to be done, or to illustrate the work further, or to show any changes which may be required, drawings, known as supplementary drawings, with specifications pertaining thereto, will be prepared by the Public Works Director and copies will be given to the Contractor.

The supplementary drawings shall be binding upon the Contractor with the same force as the original Plans. Where such supplementary drawings require either less or more than the estimated quantities of work, credit to the City or compensations therefore to the Contractor shall be subject to the terms of the Contract.

GC - 12 - MATERIALS AND WORKMANSHIP - All material and workmanship shall, in every respect, be in conformity with approved modern practice and with prevailing standards of performance and quality. In the event of dispute the Public Works Director's decision shall be final. Wherever the Plans, specifications, Contract Documents, or the directions of the Public Works Director are unclear as to what is permissible and/or fail to note the quality of any Work, that interpretation will be made by the Public Works Director, which is in accordance with approved modern practice, to meet the particular requirements of the Contract.

In all cases, new materials shall be used, unless this provision is waived by notice from the City in writing.

GC - 13 - SAFEGUARDING MARKS - The Contractor shall safeguard all points, stakes, grade marks, monuments, and bench marks made or established on the Work, bear the cost of re-establishing same if disturbed, or bear the entire expense of rectifying Work improperly installed due to not maintaining or protecting or for removing without authorization, such established points, stakes and marks. The Contractor shall safeguard all existing and known property corners, monuments and marks not related to the Work and, if required, shall bear the cost of having them re-established by a licensed surveyor if disturbed or destroyed during the course of construction.

GC - 14 - EXISTING UTILITY SERVICE - All existing utility service shall be maintained with a minimum of interruption at the expense of the Contractor.

GC - 15 - JOB DESCRIPTION SIGNS - Contractor, at Contractor's expense, shall furnish, erect, and maintain suitable weatherproof signs on jobs over \$100,000 containing the following information:

1. City Seal (in colors)

2. Project or Improvement Number
3. Job Description
4. Estimated Cost
5. Completion Date

Minimum size of sign shall be four feet high, eight feet wide and shall be suitably anchored. The entire sign shall be painted and present a pleasing appearance. Exact location of signs will be determined in the field. Two (2) signs will be required, one at each end of the job. All costs of this work shall be included in other parts of the work.

GC - 16 - FLORIDA EAST COAST RIGHT-OF-WAY - Whenever a City contractor is constructing within the Florida East Coast Railway Company's Right-of-Way, it will be mandatory that the contractor carry separate bodily injury and property damage insurance in the amounts as stated below. This insurance shall be taken out and maintained during the life of the Contract.

Bodily injury insurance in an amount not less than \$500,000.00 for injuries, including wrongful death to any one person, and subject to the same limit for each person, in an amount not less than \$1,000,000.00 on account of any one occurrence, and

Property damage insurance in an amount not less than \$500,000.00 for damages on account of any one occurrence and in an amount not less than \$1,000,000.00 for damages on account of all occurrences.

GC - 17 - ACCIDENTS - The Contractor shall provide such equipment and facilities as are necessary and/or required, in the case of accidents, for first aide services to be provided to a person who may be injured during the project duration. The Contractor shall also comply with the OSHA requirements as defined in the United States Labor Code 29 CFR 1926.50.

In addition, the Contractor must report immediately to the Public Works Director every accident to persons or damage to property, and shall furnish in writing full information, including testimony of witnesses regarding any and all accidents.

GC - 18 - SAFETY PRECAUTIONS - Contractor must adhere to the applicable environmental protection guidelines for the duration of a project. If hazardous waste materials are used, detected or generated at any time, the Project Manager must be immediately notified of each and every occurrence. The Contractor shall comply with all codes, ordinances, rules, orders and other legal requirements of public authorities (including OSHA, EPA, DERM, the City, Broward County, State of Florida, and Florida Building Code), which bear on the performance of the Work.

The Contractor shall take the responsibility to ensure that all Work is performed using adequate safeguards, including but not limited to: proper safe rigging, safety nets, fencing, scaffolding, barricades, chain link fencing, railings, barricades, steel plates, safety lights, and ladders that are necessary for the protection of its employees, as well as the public and City employees. All riggings and scaffolding shall be constructed with good sound materials, of adequate dimensions for their intended use, and substantially braced, tied or secured to ensure absolute safety for those required to use it, as well as those in the vicinity. All riggings, scaffolding, platforms, equipment guards, trenching, shoring, ladders and similar actions or equipment shall be OSHA approved, as applicable, and in accordance with all Federal, State and local regulations.

GC - 19 - DUST PREVENTION - The Contractor shall, by means of a water spray, or temporary asphalt pavement, take all necessary precautions to prevent or abate a dust nuisance arising from dry weather or Work in an incomplete stage. All costs of this Work shall be included in cost of other parts of the Work.

Should the Contractor fail to abate a dust nuisance by the above methods, and then he will be required to immediately construct temporary patches per City standards.

GC - 20 - PLACING BARRICADES AND WARNING LIGHTS - The Contractor shall furnish and place, at his own expense, all barricades, warning lights, automatic blinker lights and such devices necessary to properly protect the work and vehicular and pedestrian traffic. Should the Contractor fail to erect or maintain such barricades, warning lights, etc., the Public Works Director may, after 24 hours' notice to the Contractor, proceed to have such barricades and warning lights placed and maintained by City or other forces and all costs incurred thereof charged to the Contractor and may be retained by the City from any monies due, or to become due, to the Contractor.

GC - 21 - TRAFFIC CONTROL - The Contractor shall coordinate all Work and obtain, through the City's Transportation and Mobility Department, Broward County, Florida Department of Transportation, as applicable, any permits required to detour traffic or close any street before starting to work in the road. The following section: Part VI Traffic Controls for Street and Highway Construction and Maintenance Operations, MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, U.S. Department of Transportation Federal Highway Administration, 2009, or current edition, shall be used as a guide for requirement and placement of traffic control devices, signs and barricades. The Public Works Director shall determine requirements for the above. The above publication is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. In the event that a Maintenance of Traffic (MOT) Plan is required, the Plan shall be prepared by an A.A.S.T.A. certified technician.

All traffic control devices, flashing lights, signs and barricades shall be maintained in working condition at all times.

GC - 22 - COORDINATION - The Contractor shall notify all utilities, transportation department, etc., in writing, with a copy to the Public Works Director before construction is started and shall coordinate his Work with them. The Contractor shall cooperate with the owners of any underground or overhead utility lines in their removal, construction and rearrangement operations in order that services rendered by these parties will not be unnecessarily interrupted.

The Contractor shall arrange his Work and dispose of his materials so as to not interfere with the operation of other Contractors engaged upon adjacent work and to join his Work to that of others in a proper manner and to perform his Work in the proper sequence in relation to that of other Contractors all as may be directed by the Public Works Director.

Each Contractor shall be responsible for any damage done by him or his agents to the work performed by another Contractor.

The Contractor shall contact the Broward County Transportation Department and the Florida Department of Transportation, as applicable, to verify and obtain location of any and all traffic conduits, loops, and street light underground services.

GC - 23 - WATER - Bulk water used for construction, flushing pipelines, and testing shall be obtained from fire hydrants. Contractor shall make payment for hydrant meter at Treasury Billing Office, 1st Floor, City Hall, 100 N. Andrews Avenue. With the paid receipt, contractor can pick up hydrant meter at the utility location office. No connection shall be made to a fire hydrant without a meter connected.

GC - 24 - PROHIBITION AGAINST CONTRACTING WITH SCRUTINIZED COMPANIES - Subject to *Odebrecht Construction, Inc., v. Prasad*, 876 F.Supp.2d 1305 (S.D. Fla. 2012), *affirmed*, *Odebrecht Construction, Inc., v. Secretary, Florida Department of Transportation*, 715 F.3d 1268 (11th Cir. 2013), with regard to the "Cuba Amendment," the Contractor certifies that it is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2018), that it is not engaged in a boycott of Israel, and that it does not have business operations in Cuba or Syria, as provided in section 287.135, Florida Statutes (2018), as may be amended or revised. The City may terminate this Agreement at the City's option if the Contractor is found to have submitted a false certification as provided under subsection (5) of section 287.135, Florida Statutes (2018), as may be amended or revised, or been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2018), or is engaged in a boycott of Israel or has been engaged in business operations in Cuba or Syria, as defined in Section 287.135, Florida Statutes (2018), as may be amended or revised.

GC - 25 - LOCATION OF UNDERGROUND FACILITIES - If the Proposer, for the purpose of responding to this solicitation, requests the location of underground facilities through the Sunshine State One-Call of Florida, Inc. notification system or through any person or entity providing a facility locating service, and underground facilities are marked with paint, stakes or other markings within the City pursuant to such a request, then the Proposer shall be deemed non-responsive to this solicitation in accordance with Section 2-184(5) of the City of Fort Lauderdale Code of Ordinances.

GC - 26 - USE OF FLORIDA LUMBER TIMBER AND OTHER FOREST PRODUCTS - In accordance with Florida Statute 255.20 (3), The City specifies that lumber, timber, and other forest products used for this project shall be produced and manufactured in the state of Florida if such products are available and their price, fitness, and quality are equal. This requirement does not apply to plywood specified for monolithic concrete forms, if the structural or service requirements for timber for a particular job cannot be supplied by native species, or if the construction is financed in whole or in part from federal funds with the requirement that there be no restrictions as to species or place of manufacture.

The Bidder affirms by submitting a bid response to this solicitation that they will comply with section 255.20 (3) Florida Statutes.

GC - 27 - PUBLIC RECORDS/TRADE SECRETS/COPYRIGHT: The Proposer's response to the Solicitation is a public record pursuant to Florida law, which is subject to disclosure by the City under the State of Florida Public Records Law, Florida Statutes Chapter 119.07 ("Public Records Law"). The City shall permit public access to all documents, papers, letters or other material submitted in connection with this Solicitation and the Contract to be executed for this Solicitation, subject to the provisions of Chapter 119.07 of the Florida Statutes.

Any language contained in the Proposer's response to the Solicitation purporting to require confidentiality of any portion of the Proposer's response to the Solicitation, except to the extent that certain information is in the City's opinion a Trade Secret pursuant to Florida law, shall be void. If a Proposer submits any documents or other information to the City which the Proposer

claims is Trade Secret information and exempt from Florida Statutes Chapter 119.07 ("Public Records Laws"), the Proposer shall clearly designate that it is a Trade Secret and that it is asserting that the document or information is exempt. The Proposer must specifically identify the exemption being claimed under Florida Statutes 119.07. The City shall be the final arbiter of whether any information contained in the Proposer's response to the Solicitation constitutes a Trade Secret. The City's determination of whether an exemption applies shall be final, and the proposer agrees to defend, indemnify, and hold harmless the City and the City's officers, employees, and agent, against any loss or damages incurred by any person or entity as a result of the City's treatment of records as public records. Proposals purporting to be subject to copyright protection in full or in part will be rejected.

EXCEPT FOR CLEARLY MARKED PORTIONS THAT ARE BONA FIDE TRADE SECRETS PURSUANT TO FLORIDA LAW, DO NOT MARK YOUR RESPONSE TO THE SOLICITATION AS PROPRIETARY OR CONFIDENTIAL. DO NOT MARK YOUR RESPONSE TO THE SOLICITATION OR ANY PART THEREOF AS COPYRIGHTED.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

Telephone Number: (954) 828-5002

Mailing Address: City Clerk's Office
100 N. Andrews Avenue
Fort Lauderdale, FL 33301

E-mail: prcontract@fortlauderdale.gov

Contractor shall:

1. Keep and maintain public records that ordinarily and necessarily would be required by the City in order to perform the service.
2. Upon request from the City's custodian of public records, provide the City with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes (2018), as may be amended or revised, or as otherwise provided by law.
3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of this contract if the Contractor does not transfer the records to the City.
4. Upon completion of the Contract, transfer, at no cost, to the City all public records in possession of the Contractor or keep and maintain public records required by the City to perform the service. If the Contractor transfers all public records to the City upon completion of this Contract, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure

requirements. If the Contractor keeps and maintains public records upon completion of this Contract, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City's custodian of public records, in a format that is compatible with the information technology systems of the City.



EXHIBIT C

TRANSPORTATION AND MOBILITY DEPARTMENT

290 NORTHEAST 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33301
TELEPHONE (954) 828-3700, FAX (954) 828- 3704

WWW.FORTLAUDERDALE.GOV



SHOP DRAWING REVIEW

NO EXCEPTIONS TAKEN
 MAKE CORRECTIONS NOTED
 REVISE AND RESUBMIT
 REJECTED
 SUBMIT SPECIFIED ITEM

()
 ()
 ()

Checking is only for conformance with the design concept of the Project and compliance with the information given in the Contract Documents. Contractor is responsible for the dimensions to be confirmed and correlated at the job site for information that pertains solely to the fabrication processes or to techniques of construction; and for coordination of the work of all trades.



CONSTRUCTION SUBMITTAL

Company Name: Continental Construction USA, LLC

CALVIN, GIORDANO & ASSOCIATES, INC.
 Date 11/2/19 By SA

SUBMITTAL ID	PROJECT ID	PROJECT NAME	DATE
012	P12126	Downtown Mobility Hub – Streetscape Improvement	11/06/2019

SUBMITTED TO	City of Fort Lauderdale							
SUBMITTAL TYPE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	OTHER (DESCRIBE):

DESCRIPTION OF SUBMITTAL	NPDES Permit						
ATTACHMENTS	Yes						
COMMENTS							

SUBMITTAL PREPARED BY	PREPARER TITLE	DATE	SUBMITTAL APPROVED BY	APPROVING PARTY TITLE	DATE
Luis Sanchez	Project Manager	11/06/2019			

CLIENT POINT OF CONTACT							
REVIEW STATUS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	OTHER (DESCRIBE):

H. Responsible Authority's Phone No.: (786) 405-5444
I. Responsible Authority's Fax No.:
J. Responsible Authority's E-mail Address: lsanchez@usacontinental.com

IV. PROJECT/SITE LOCATION INFORMATION:

A. Project Name: Downtown Mobility HUB - Flagler St		
B. Project Address/Location: 399 NW Flagler Ave		
C. City: Fort Lauderdale	D. State: FL	E. Zip Code: 33301
F. County: Broward	G. Latitude: 26 ° 7 ' 30.24 " Longitude: -80 ° 8 ' 43.38 "	
H. Is the site located on Indian Country Lands? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		I. Water Management District: SFWMD
J. Project Contact: Luis Sanchez Abarca		
K. Project Contact's Phone No.: (305) 704-7396		
L. Project Contact's Fax No.:		
M. Project Contact's E-mail Address: lsanchez@usacontinental.com		
N. Additional E-mail correspondence, optional: lsanchez@usacontinental.com		

V. PROJECT/SITE ACTIVITY INFORMATION:

A. Indicate whether the project is Large or Small Construction (check only one):	<input checked="" type="checkbox"/> Large Construction (Project will disturb 5 or more acres of land, Fee \$400) <input type="checkbox"/> Small Construction (Project will disturb between 1 and 4.99 acres of land, Fee \$250)
B. Approximate total area of land disturbance from commencement through completion of construction: <u>1.00</u> acres	
C. SWPPP Location:	Address in Part III above <input type="checkbox"/> Address in Part IV above <input type="checkbox"/> Other address (specify below)
D. SWPPP Address:	
E. City:	F. State: G. Zip Code:
H. Construction Period:	Start Date: 11/18/2019 Completion Date: 06/30/2020

VI. DEWATERING INFORMATION:

A. Will dewatering operations be performed as part of the construction activities? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> If yes, complete below. If no, skip this part and go to Part VII.
B. Is the project site currently identified as contaminated, or is there a site within 500 feet of the dewatering project identified as contaminated by a DEP or EPA cleanup/restoration program? You may use the Quick Link to DEP's Contamination Locator Map (CLM) and DEP's Institutional Controls Registry (ICR) Web Viewer to determine cleanup restoration status. You may access the CLM at: http://webapps.dep.state.fl.us/DepClnup/welcome.do

http://ca.dep.state.fl.us/mapdirect/?focus=contamlocator. The ICR may be accessed at:
http://www.dep.state.fl.us/waste/categories/brownfields/pages/ICR.htm, or
http://ca.dep.state.fl.us/mapdirect/?focus=icr

YES Continue to VI.C, below.

- NO Continue to Part VII.

C. Has the site been remediated?

YES Continue to Part VII.

NO Continue to VI.D, below.

D. Are the pollutants of concern (i.e. contamination) present in ground water at the dewatering project site at concentrations equal to or exceeding the surface water criteria in Rule 62-302.530?

YES Dewatering activities do not qualify for coverage under this generic permit. However, the site may qualify for coverage under Rule 62-621.300(1), F.A.C., or under an individual wastewater permit on the appropriate form listed in Rule 62-620.910, F.A.C.

NO Continue to Part VII.

VII. DISCHARGE INFORMATION:

A. MS4 Operator Name (if applicable): Ft Lauderdale, City of - MS4 - FLS000017

B. Receiving Water Name:

VIII. CERTIFICATION¹:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If providing notice of commencement of construction as required by an Individual Environmental Resource Permit, I also certify that I am authorized by the Permittee (identified in Part III.A., above), to commence construction activities authorized by the ERP Permit (identified in Part I.B., above).

Responsible Authority Name and Official Title (Type or Print):

Luis Sanchez Abarca, Luis Sanchez Abarca

Luis Sanchez Abarca

Responsible Authority Signature:

Date Signed:

¹ Signatory requirements are contained in Rule 62-620.305, F.A.C.

INSTRUCTIONS – DEP FORM 62-621.300(4)(b)
**NOTICE OF INTENT (NOI) TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE
AND SMALL CONSTRUCTION ACTIVITIES**

Who Must File an NOI:

You must file the NOI and obtain coverage under the Construction Generic Permit if you discharge stormwater associated with large or small construction activities to surface waters of the State, including through a Municipal Separate Storm Sewer System (MS4), http://www.dep.state.fl.us/water/stormwater/npdes/docs/all_ms4_by_county.pdf.

Where to File NOI:

The Department encourages the electronic submission of NOIs using the Department's Interactive Notice of Intent (iNOI) available at <http://www.fldeportal.com/go/>. NOIs also may be submitted by paper copy to the following address:

NPDES Stormwater Notices Center, MS #3585
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Permit Fee:

Permit fees for large and small construction activities to be covered under the generic permit are specified in paragraph 62-4.050(4)(d), F.A.C. and available on our <http://www.dep.state.fl.us/water/stormwater/npdes/fees.htm>. You must submit the appropriate generic permit fee (either for large 5+ acres \$400 or small 1- 4.99 acres \$250 construction activities) with the completed NOI to obtain coverage under the generic permit. **Generic permit coverage will not be granted without payment of the appropriate permit fee.**

If the NOI is submitted electronically, the permit fee must be paid on-line by credit card or check. If the NOI is submitted using a paper copy, the permit fee must be paid by either check or money order made payable to: "Florida Department of Environmental Protection".

Part I – Identification Number:

If you are renewing coverage, please enter the project's DEP identification number (generic permit coverage number) if known. If this is a new project without an ID number then leave this item blank. If you know your ERP Permit Number or ERP Permitting Agency (if applicable) please identify it here, if not then leave these items blank.

Part II – Stormwater Pollution Prevention Plan (SWPPP) Completed:

Check the box to indicate whether you have completed your Stormwater Pollution Prevention Plan. You must complete your SWPPP and be ready to implement it before submitting your NOI.

Part III – Applicant Information:

Item A. Provide the legal name of the person, firm, contractor, public organization or other legal entity that owns or operates the construction activity described in this NOI. The operator is the legal entity that has authority to control those activities at the project necessary to ensure compliance with the terms and conditions of the generic permit.

Item B. Enter the appropriate one letter code from the list below to indicate the legal status of the operator:

F = Federal; S = State; P = Private; M = Public (other than federal or state); O = Other

Items C. – F. Provide the complete mailing address of the operator, including city, state and zip code.

Items G. – J.: Provide the name, telephone and fax number (including area code) and E-mail address of the person authorized to submit this NOI on behalf of the operator (e.g., Jane Smith, President of Smith Construction Company on behalf of the operator, Smith Construction Company; John Doe, Public Works Director on behalf of the operator, City of Townsville; etc.). This should be the same person as indicated in the certification in Part VI.

Part IV – Project/Site Location Information:

Items A. – E.: Enter the official or legal name and complete street address, including city, state and zip code of the project. Do not provide a P.O. Box number as the street address. If it lacks a street address, describe the project site location (e.g., intersection of State Road 1 and Smith Street).

Item F.: Enter the county in which the project is located.

Item G.: Enter the latitude and longitude, **in degrees-minutes-seconds format**, of the approximate center of the project.

Item H.: Indicate whether the project is located on Indian Country Lands. If the project is located on Indian Lands you may not use this generic permit. Instead, you must apply to the <http://cfpub.epa.gov/npdes/stormwater/const.cfm> (EPA) for coverage.

Item I.: Enter the appropriate five or six letter code from the list below to indicate the <http://www.dep.state.fl.us/secretary/watman/default.htm> in which your project is located:

NFWFMD = Northwest Florida Water Management District
SRWMD = Suwannee River Water Management District
SFWMD = South Florida Water Management District
SWFWMD = Southwest Florida Water Management District
SJRWMD = St. John's River Water Management District

Items J. – M.: Enter the name, telephone and fax number (including area code) and E-mail address of the project contact person. The project contact is the person who is thoroughly familiar with the project, the facts reported in this NOI and who can be contacted by the Department if necessary.

Item N.: Enter additional E-mail correspondence as needed to receive permit related documentation. (Optional)

Part V – Project/Site Activity Information:

Item A.: Check the appropriate box to indicate whether the project involves large construction activity or small construction activity. **Check one box only.**

“Large Construction Activity” means construction activity resulting in the disturbance of five (5) or more acres of total land area. Large construction activity also includes the disturbance of less than five acres of total land area that is part of a larger common plan of development or sale such as a subdivision that will ultimately disturb five acres or more.

“Small Construction Activity” means construction activity resulting in the disturbance of equal to or greater than one (1) acre and less than five (5) acres of total land area. Small construction activity also includes the disturbance of less than one acre of total land area that is part of a larger common plan of development or sale that will ultimately disturb equal to or greater than one acre and less than five acres.

Item B.: Provide the approximate total area of land disturbance, in acres, that the project will involve from commencement of construction through completion.

Items C. - G.: Indicate the location where the Stormwater Pollution Prevention Plan (SWPPP) can be viewed. Provide the address where the SWPPP can be viewed if other than as provided in Parts II or III of the NOI. **Note that to be eligible for coverage under the generic permit, the SWPPP must have been prepared prior to filing this NOI.**

Item H.: Enter the estimated construction start and completion dates in the MM/DD/YY format.

Part VI – Dewatering Information:

If your site has “noncontaminated ground water”, the CGP also authorizes discharges from ground water dewatering activities. A site will be presumed to have uncontaminated if it is not contaminated and there are no known contamination sites within 500 feet of the site. You may use the Department’s <http://webapps.dep.state.fl.us/DepCInup/welcome.do> or the Institutional Controls Registry (ICR) Web Viewer <http://www.dep.state.fl.us/waste/categories/brownfields/pages/ICR.htm> to determine the location of contaminate sites. The CGP does not authorize the discharge of contaminated ground water.

Part VII – Discharge Information:

To be covered under a CGP, you must provide the following information about where the discharge from your project will go. NOIs submitted without discharge information cannot be processed.

Item A.: If stormwater from your project discharges to a MS4 enter the name of the MS4 (e.g., City of Tallahassee MS4, Orange County MS4, FDOT District 5 MS4, etc.). If stormwater from your project does not discharge to an MS4 but to surface waters of the State, leave this item blank or indicate “N/A” and skip to Item B. of this part. **Please note that if your project discharges stormwater to an MS4, you must provide the MS4 operator with a copy of the completed NOI.** http://www.dep.state.fl.us/water/stormwater/npdes/docs/all_ms4_by_county.pdf

Item B.: If your project discharges stormwater to surface waters of the State, and not to an MS4, enter the name of the receiving water body to which the stormwater is discharged. Please provide the first named water body to which the stormwater from the project is discharged (e.g., Cypress Creek, Tampa Bay, unnamed ditch to St. Johns River, Tate’s Hell Swamp, etc.).

In certain cases, stormwater from the project will discharge to both an MS4 and surface waters of the State. In this case, complete both Item A. and Item B.

Part VIII – Certification:

Type or print the name and official title of the Responsible Authority signing the certification. Please note that this must be the same person indicated in Item II.G. as the Responsible Authority. Sign and date the certification.

Section 403.161, F.S., provides severe penalties for submitting false information on this application (NOI) or any reports or records required by a permit. There are both civil and criminal penalties, in addition to the revocation of permit coverage for submitting false information.

Rule 62-620.305, F.A.C., requires that the NOI and any reports required by the permit be signed as follows:

- A. For a corporation, by a responsible corporate officer as described in Rule 62-620.305, F.A.C.;
- B. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
- C. For a municipality, state, federal or other public facility, by a principal executive officer or elected official.



FLORIDA DEPARTMENT OF
Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

November 06, 2019

Luis Sanchez Abarca
Continental Construction USA, LLC
1395 Brickell Ave Ste 740
Miami, FL 33131 3354

RE: Facility ID: FLR20DG27-001
Downtown Mobility HUB - Flagler St
County: Broward

Dear Permittee:

The Florida Department of Environmental Protection has received and processed your *Notice of Intent to Use Generic Permit for Stormwater Discharge from Large and Small Construction Activities and Dewatering Operations* (NOI) and the accompanying processing fee. This letter acknowledges that:

- your NOI is complete;
- your processing fee is paid-in-full; and
- you are covered under the *Generic Permit for Stormwater Discharge from Large and Small Construction Activities and Dewatering Operations from Large and Small Construction Activities and Dewatering Operations* (CGD), DEP Document No. 62-621.300(4)(a).

Your project identification number is **FLR20DG27-001**. Please include this number on all future correspondence to the department regarding this permit.

This letter is **not** your permit; however, this letter does serve as **verification of permit coverage**. A copy of the permit language is available online at <https://www.flrules.org/Gateway/reference.asp?No=Ref-04265> or by contacting the NPDES Stormwater Notices Center.

Your permit coverage becomes effective **November 09, 2019** and will expire **November 08, 2024**. To terminate your coverage prior to this expiration date, you must file a *National Pollutant Discharge Elimination System (NPDES) Stormwater Notice of Termination*, DEP Form 62-621.300(6) (NOT). An NOT must be filed within 14 days of either (a) your final stabilization of the site or (b) your relinquishment of control of the construction activities to a new operator. Terminating coverage under the CGP will also

terminate your dewatering operations. You may not exclusively terminate dewatering operation under this form.

To renew your coverage beyond the expiration date, you must submit a new NOI and processing fee to the department no later than two days before coverage expires.

Until your permit coverage is terminated, modified, or revoked, you are authorized to discharge stormwater from the construction site referenced in your NOI to surface waters in accordance with the terms and conditions of the CGD. Some key conditions of the CGD are:

- implementation of your stormwater pollution prevention plan (SWPPP);
- implementation of appropriate construction and dewatering best management practices (BMPs);
- conducting and documenting routine inspections; and
- retaining all records required by the permit (including your SWPPP) at the construction site or the alternate location specified in your NOI.

Projects that discharge stormwater associated with construction activity to a municipal separate stormwater system (MS4) shall submit a copy of the NOI or the Acknowledgement Letter within 7 days of receipt to the operator of the MS4.

If you have any questions concerning this Acknowledgment Letter, please contact the NPDES Stormwater Notices Center at (866) 336-6312 or NPDES-stormwater@dep.state.fl.us.

Sincerely,

NPDES Stormwater Program
Florida Department of Environmental Protection

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

Petition for Administrative Hearing

A person whose substantial interests are affected by the department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

- (e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the notice or within 14 days of receipt of the written notice, whichever occurs first. The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the department's action may also request an extension of time to file a petition for an administrative hearing. The department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.



EXHIBIT D

TRANSPORTATION AND MOBILITY DEPARTMENT

290 NORTHEAST 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33301
TELEPHONE (954) 828-3700, FAX (954) 828- 3704

WWW.FORTLAUDERDALE.GOV



SECTION 01560 – TEMPORARY CONTROLS

PART 1 GENERAL

1.1 REQUIREMENTS INCLUDED

- A. Provide and maintain methods, equipment, and temporary construction, as necessary, to provide controls over environmental conditions at the construction site and related area under CONTRACTOR's control; remove physical evidence of temporary facilities at completion of work.

1.2 RELATED REQUIREMENTS

- A. All applicable sections of the Specifications.
- B. Conditions of the Contract.

1.3 NOISE CONTROL

- A. Provide all necessary requirements for noise control during the construction period.
 - a. Noise procedures shall conform to all applicable OSHA requirements and local ordinances having jurisdiction on the work.
 - b. Noise levels during nighttime hours shall not exceed 55 db measured at the property line of a residence.

1.4 DUST CONTROL

- A. Provide positive methods and apply dust control materials to minimize raising dust from construction operations, and provide positive means to prevent air-borne dust from dispersing into the atmosphere.

1.5 WATER CONTROL

- A. Provide methods to control surface water to prevent damage to the project, the site, or adjoining properties.
 - a. Control fill, grading and ditching to direct surface drainage away from excavations, pits, tunnels and other construction areas; and to direct drainage to proper runoff.
- B. Provide, operate and maintain hydraulic equipment of adequate capacity to control surface and water.
- C. Dispose of drainage water in a manner to prevent flooding, erosion, or other damage to any portion of the site or to adjoining areas.

1.6 PEST CONTROL

- A. Provide pest control as necessary to prevent infestation of construction or

storage area.

- a. Employ methods and use materials which will not adversely affect conditions at the site or on adjoining properties.
- b. Should the use of pesticides be considered necessary, submit an informational copy of the proposed program to OWNER with a copy to ENGINEER. Clearly indicate:
 - i. The area or areas to be treated.
 - ii. The pesticide to be used, with a copy of the manufacturer's printed instructions.
 - iii. The pollution preventative measures to be employed.
- B. The use of any pesticide shall be in full accordance with the manufacturer's printed instructions and recommendations.

1.7 RODENT CONTROL

- A. Provide rodent control as necessary to prevent infestation of construction or storage area.
 - a. Employ methods and use materials, which will not adversely affect conditions at the site or on adjoining properties
 - b. Should the use of rodenticide be considered necessary, submit an informational copy of the proposed program to OWNER with a copy to OWNER's Representative. Clearly indicate:
 - i. the area or areas to be treated.
 - ii. the rodenticide to be used, with a copy of the manufacturer's printed instructions.
 - iii. the pollution preventative measures to be employed.
- B. The use of any rodenticide shall be in full accordance with the manufacturer's printed instructions and recommendations.

1.8 DEBRIS CONTROL

- A. Maintain all areas under CONTRACTOR's control free of extraneous debris.
- B. Initiate and maintain a specific program to prevent accumulation of debris at construction site, storage and parking area, or along access roads and haul routes.
 - a. Provide containers for deposit of debris as specified in Section 01710 - Cleaning.

- b. Prohibit overloading of trucks to prevent spillage on access and haul routes.
- c. Provide periodic inspection of traffic areas to enforce requirements.
- C. Schedule periodic collections and disposal of debris as specified in Section 01710 - Cleaning.
 - a. Provide additional collections and disposal of debris whenever the periodic schedule is to prevent accumulation.

1.9 POLLUTION CONTROL

- A. Provide methods, means and facilities required to prevent contamination of soil, water or atmosphere by the discharge of noxious substances from construction operations.
- B. Provide equipment and personnel, perform emergency measures required to contain any spillage, and to remove contaminated soils or liquids.
 - a. Excavate and dispose of any contaminated earth off-site and replace with suitable compacted fill and topsoil.
- C. Take special measures to prevent harmful substances from entering public waters.
 - a. Prevent disposal of wastes, effluents, chemicals, or other such substances adjacent to streams or in sanitary or storm sewers.
- D. Provide systems for control of atmospheric pollutants.
 - a. Prevent toxic concentrations of chemicals.
 - b. Prevent harmful dispersal of pollutants into the atmosphere.

1.10 EROSION CONTROL

- A. Plan and execute construction and earthwork, by methods to control surface drainage from cuts and fills, and from borrow and waste disposal areas to prevent erosion and sedimentation.
 - a. Hold the areas of bare soil exposed at one time to a minimum
 - b. Provide temporary control measures such as berms, dikes and drains.
 - c. Provide silt screens as required preventing surface water contamination.
- B. Construct fills and waste areas by selective placement to eliminate surface silts or clays, which will erode.
- C. Periodically inspect earthwork to detect any evidence of the start of erosion,

apply corrective measures as required to control erosion.

- D. All erosion control procedures must comply with the National Pollutant Discharge Elimination System (NPDES).

PART 2 PRODUCTS (Not Applicable)

PART 3 EXECUTION

3.1 MEASUREMENT AND PAYMENT

- A. There shall be no special measurement or payment for the work under this section; it shall be included in the price of all other work.

END OF SECTION



EXHIBIT E

TRANSPORTATION AND MOBILITY DEPARTMENT

290 NORTHEAST 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33301
TELEPHONE (954) 828-3700, FAX (954) 828- 3704

WWW.FORTLAUDERDALE.GOV



SECTION 02340 - EROSION CONTROL AND SOIL STABILIZATION

PART 1 GENERAL

1.1 DEFINITIONS

- A. Soil Erosion Stabilization:
 - a. Provide erosion control measures on the Project and in areas where work is accomplished in conjunction with the Project, so as to prevent pollution of water, detrimental effects to public or private property adjacent to the Project.
 - b. Ground surfaces exposed during the wet season.
 - c. Areas which will not be subjected to heavy wear by ongoing construction traffic.
 - d. Temporary and long-term stabilization of new disturbed ditches, swales, storm water ponds, or disturbed ground with intermittent construction traffic.
- B. Buffer Zone: Undisturbed area or, strip of natural vegetation, or an established suitable planting adjacent to disturbed area that reduces erosion and runoff.
- C. Coordinate the installation of temporary erosion control features with the construction of the permanent erosion control features to the extent necessary to ensure economical, effective, and continuous control of erosion and water pollution.
- D. Permanent Stabilization:
 - a. Permanently stabilize exposed soil surfaces at finished grades.
 - b. Permanent stabilization methods include, but are not limited to, sodding (permanent), mulching, and landscaping.
 - c. Immediately perform permanent stabilization at each completed excavation and embankment areas except for areas that are scheduled to be redisturbed.
 - d. Incorporate all permanent erosion control features into the Project at the earliest practical time.

1.2 DELIVERY, STORAGE AND PROTECTION

- A. General: Prevent or reduce the discharge of pollutants to storm water from all material delivery or storage by minimizing the storage of hazardous materials

onsite, storing materials in a designated area, installing secondary containment, conducting regular inspection, and training employees or subcontractors.

- B. Sod: As specified in the Contract Documents.
- C. Mulch: Mark package of mulch to show air-dry weight.

1.3 SEQUENCING AND SCHEDULING

- A. Contractor shall accept responsibility for existing soil and erosion control on the site, including maintenance, installed before starting earth disturbance activities.
- B. Projects permitted by the South Florida Water Management District require written approval of the erosion/sedimentation control plan. CITY PROJECT MANAGER's acceptance of Construction Period Erosion/Sedimentation Control Plan required prior to starting earth disturbing activities.
- C. Complete soil preparation, sodding, fertilizing, mulching, and matting on disturbed areas that will require stabilization either because the area has reached final grade (permanent landscaping) or because the area remains unworked for over 14 days (temporary sodding) during the wet season.
- D. Notify CITY PROJECT MANAGER at Least 3 Working Days in Advance of:
 - a. Materials delivery.
 - b. Start of planting activity.
- E. Sodding: Perform under favorable weather conditions during seasons that are normal, for such Work as determined by accepted local practice.

1.4 MAINTENANCE

- A. Operations:
 - a. Sodded Areas: Perform during maintenance period to include:
 - i. Watering: Keep surface moist.
 - ii. Washouts: Repair by filling with topsoil, and replace sodded areas.
 - iii. Mulch: Replace wherever and whenever washed or blown away.
 - iv. Resod unsatisfactory areas or portions thereof immediately if a satisfactory stand has not been produced.
 - b. Inspect, repair, and replace as necessary all erosion control measures during the time period from start of construction to completion of construction.

- c. Inspect a minimum of at least once every 7 days or after each storm event and at least daily during prolonged rainfall. At no time shall more than 1 foot of sediment be allowed to accumulate in any erosion control device. The cleaning operation shall not dispose of sediment offsite.
- B. Sediment Removal:
 - a. Remove sediment from erosion control devices and work into the grading plan at least once a week as required to maintain proper operation of devices. The cleaning operation shall not dispose of sediment offsite.
 - b. Sediment shall be removed and the controls upgraded or repaired as needed as soon as practicable, but not later than 2 days after the surrounding exposed ground has dried sufficiently to prevent further damage from equipment needed for repair operations.
 - c. In the event of continuous rainfall over a 24 hour period, or other circumstances that preclude equipment operation in the area, hand carry and install additional sediment controls as approved by the CITY PROJECT MANAGER.
 - d. Replace rock filters with new rock at least once a month or when the sediment reduces by one half the filtering capacity of the facility.

PART 2 PRODUCTS

2.1 FERTILIZER

- A. Commercial, uniform in composition, free-flowing, suitable for application with equipment designed for that purpose.
- B. Fertilizer shall have the Following Minimum Percentage of Plant Food by Weight:
 - a. Nitrogen: 16 percent.
 - b. Phosphoric Acid: 4 percent.
 - c. Potash: 8 percent.
- C. At least 50 percent of phosphoric acid shall be from normal superphosphate or an equivalent source which will provide a minimum of two units of sulfur.

2.2 SOD

- A. As specified in the Contract Documents.

2.3 MULCH

- A. The mulch material shall be dry straw or hay, consisting of oat, rye, or wheat straw, or of pangola, peanut, coastal bermuda, or bahia grass, hay or compost; and shall be free from noxious weeds and plants.
- B. Any plant officially listed as being noxious or undesirable by any Federal Agency, any agency of the State of Florida or any local jurisdiction in which the project is being constructed shall not be used. Furnish to the CITY PROJECT MANAGER, prior to incorporation onto the project, a certification from the Florida Department of Agriculture and Consumer Services, Division of Plant Industry, stating that the Mulch materials are free of noxious weeds. Any such noxious plant or plant part found to be delivered as mulch will be removed by the Contractor at his expense and in accordance with the law.
- C. Only undeteriorated mulch which can readily be cut into the soil shall be used. The "air-dry" weight (as defined by the Technical Association of the Pulp and Paper Industry, for wood cellulose) shall be marked on each package by the producer.

2.4 SOIL TACKIFIER

- A. Derived from natural organic plant sources containing no growth or germination-inhibiting materials.
- B. Capable of hydrating in water, and readily blend with other slurry materials.
- C. Wood Cellulose Fiber: Add as tracer, at rate of 150 pounds per acre.

2.5 EROSION CONTROL MATTING

- A. Excelsior mat or straw blanket; staples as recommended by matting manufacturer.

2.6 REINFORCED PLASTIC COVERING

- A. Co-extruded, copolymer laminate reinforced with a nonwoven grid of high strength nylon cord submersed in a permanently flexible adhesive media allowing for equal tear resistance in all directions.
- B. Black in color and ultraviolet stabilized.
- C. Physical Requirement (Minimum Average Roll Values):
 - a. Tear Strength: 130 pounds.
 - b. Elongation: 620 percent.
 - c. Minimum Thickness: 6 mil.

2.7 SILT FENCE

- A. Support Posts: As recommended by manufacturer of geotextile.

- B. Fasteners: Heavy-duty wire staples at least 1-inch long, tie wires, or hog rings, as recommended by manufacturer of geotextile.
- C. Filter Fabric: Polyester, polypropylene, or nylon filaments, woven into a uniform pattern, distinct and measurable openings.
 - a. Filaments: Resistant to damage from exposure to ultraviolet rays and heat.
 - b. Material Edges: Finish so that, filaments retain their relative positions under stress.
- D. In accordance with requirements of Table No. 1:

Table No. 1 - Filter Fabric		
Physical Property	Required Value	Test Method
Weight, lbs/sq yd, min.	4	ASTM D3776
Equivalent Opening Size, max.	50-70	U.S. Standard Sieve
Grab Tensile Strength, lb, min. ARV	400	ASTM D4632
Elongation, % max.	25	ASTM D1682
Mullen Burst Strength, psi, min. ARV	200	ASTM D3786
Ultraviolet Radiation Resistance, % Strength Retention	80	ASTM D4355
Flow Rate, gpm/sf, min. ARV	30 to 50	ASTM D4491

2.8 STRAW BALES

- A. Machine baled clean salt hay or straw of oats, wheat, barley, or rye, free from seed of noxious weeds, using standard baling wire or string.

2.9 POSTS FOR STRAW BALES

- A. Two-inch by 2-inch untreated wood, rebar, or commercially manufactured metal posts.

2.10 STABILIZED CONSTRUCTION ENTRANCES

- A. Clean pit run or 2 inches minus gravel.
- B. Subgrade geotextiles as specified in the Contract Documents.

2.11 DUST CONTROLLER

- A. Nontoxic materials that do not have an adverse effect on soil structure or establishment and growth of vegetation.

- a. Calcium chloride meeting the meeting the requirements of AASHTO M144.
- b. Water; reasonably clean, and shall be free from suspended water.

2.12 FILTER FABRIC

- A. All existing and newly constructed storm drainage structures onsite or adjacent to the site shall be protected with two (2) layers of non-woven filter secured beneath the frame and grate.
- B. Filter Fabric shall meet the requirements of Type D-3 meeting the FDOT specifications Section 985.

2.13 FLOATING/STACKED TURBIDITY CURTAINS

- A. Curtains shall be minimum 18 ounce nylon reinforced PVC fabric (300 psi Test).
- B. Curtains are five (5') standard height and shall reach the bottom for depths up to ten (10') feet of water.
- C. Turbidity barriers are required on all outfalls located within the site or adjacent to the site. Location of turbidity barriers will be as approved by CITY PROJECT MANAGER.

PART 3 EXECUTION

3.1 GENERAL

- A. Erosion control measures are required during all construction and site disturbance activities, and shall remain until permanent site ground covers are in-place.
- B. Limitation of Exposure of Erodible Earth: The CITY PROJECT MANAGER may limit the surface areas of unprotected erodible earth exposed by the construction operation, and may direct the Contractor to provide erosion or pollution control measures to prevent contamination of any river, stream, lake, tidal waters, reservoir, canal, or other water impoundments, or to prevent detrimental effects on property outside the project right-of-way or damage to Project. Limit the area in which excavation and filling operations are being performed so that it does not exceed the capacity to keep the finish grading, grassing, sodding, and other such permanent erosion control measures current in accordance with the accepted schedule.
- C. Do not allow the surface area of erodible earth that clearing and grubbing operations or excavation and filling operations expose to exceed 750,000 ft² without specific prior approval by the CITY PROJECT MANAGER. This limitation applies separately to clearing and grubbing operations and excavation and filling operation.
- D. The CITY PROJECT MANAGER may increase or decrease the amount of surface area the Contractor may expose at any one time.

- E. The implementation of the erosion control plan and the construction maintenance, replacement and upgrading the erosion control devices are the responsibility of the Contractor until all construction is completed and landscaping established and approved. During the construction period, the erosion control devices shall be upgraded for unexpected storm events and to ensure that sediment and sediment laden water do not leave the site.
- F. Maintain existing buffer zones adjacent to Project Limits. Keep all construction equipment, debris, and soils out of the natural buffer zone.

3.2 STABILIZED CONSTRUCTION ENTRANCES

- A. Provide a graveled construction access at each access point between the site and any public or private road or other paved surfaces.
- B. Place subgrade geotextile on the ground prior to aggregate placement.
- C. Place aggregate over the subgrade geotextile to a minimum thickness of 8 inches.
- D. Minimum dimensions for stabilized construction entrances are 50 feet in length by 20 feet in width.

3.3 SOIL PREPARATION

- E. Before start of sodding, and after surface has been shaped and graded, and lightly compacted to uniform grade, scarify soil surface to minimum depth of 1 inch.

3.4 SODDING

- A. As specified in the Contract Documents.

3.5 MULCHING

- A. Apply uniformly on disturbed areas that will remain undisturbed for 7 days or more, as requested by CITY PROJECT MANAGER, and on all sodded areas.
- B. Application: Sufficiently loose to permit penetration of sunlight and air circulation, and sufficiently dense to shade ground, reduce evaporation rate, and prevent or materially reduce erosion of underlying soil.
 - a. As recommended by manufacturer.

3.6 SOIL TACKIFIER

- A. Spray on after mulch is in place.
- B. The soil tackifier shall be applied at the rate per acre specified by manufacturer for applicable grades.

3.7 REINFORCED PLASTIC COVERING

- A. Place on areas where sodding and erosion control matting have not controlled erosion, and over all temporary stockpiles.
- B. Install in single thickness, strips parallel to direction of drainage. Anchor plastic in 6-inch by 6-inch trench backfilled with compacted native material.
- C. Maintain tightly in place by using sand bags on ropes with a maximum 10-foot grid spacing in all directions.
- D. Tape or weight down full length, overlap seams at least 12 inches.
- E. Remove at final acceptance unless notified otherwise by CITY PROJECT MANAGER.

3.8 SILT FENCE

- A. Install prior to starting earth disturbing activities upslope of fence.
- B. Install silt fence along contour where shown on the Drawings. Do not deviate from grade more than 4 inches.
- C. One-piece filter fabric or continuously sewn to make one-piece filter fabric for full height of the fence, including portion buried in the toe trench.
- D. When joints are necessary, splice filter fabric together only at a support post, with a minimum 6-inch overlap, and securely fasten both ends to support post.
- E. Filter fabric shall not extend more than 30 inches above the ground surface. Securely fasten to upslope side of each support post using ties. Filter fabric shall not be stapled to existing trees.
- F. Take precaution not to puncture filter fabric during installation. Repair or replace damaged area.
- G. Remove silt fence after upslope area has been permanently stabilized. Immediately dress sediment deposits remaining after the sediment fence has been removed to conform to existing grade. Prepare and sod graded area.

3.9 TEMPORARY SOIL STOCKPILES

- A. Cover with reinforced plastic covering, as directed in Article Reinforced Plastic Covering.
- B. Protect perimeter of stockpile from erosion with ditches.

3.10 DUST CONTROL

- A. Apply appropriate dust control measures on a continuous basis until permanent stabilization measures are in place.
- B. Apply on construction routes and other disturbed areas subject to surface dust movement and where off-site damage may occur if dust is not controlled.
- C. Avoid creating erosion when using water as a dust controller.

3.11 STRAW BALES

- A. Embed minimum of 4 inches in flat-bottomed trench.
- B. Place with ends tightly abutting or overlapped. Corner abutment is not acceptable.
- C. Install so that bale bindings are oriented around the sides and not over the top and bottom of the bale.
- D. Use two posts for each bale. Drive posts through the bale until top of post is flush with top of bale and post is 1-1/2 feet to 2 feet in the ground.
- E. Wedge loose straws in any gaps between bales.

3.12 EROSION CONTROL MATTING

- A. Place on sodded slopes 3H to 1V, and steeper.
- B. Apply sod and fertilizer prior to matting.
- C. At top of slope, entrench material in 6-inch by 6-inch trench. Secure matting at 1 foot intervals down the slope. At the bottom of the slope, extend the mat 2 feet beyond the toe of slope, turn material under 4 inches, and staple at 1 foot intervals.
- D. Mats shall be stapled in-place as they are installed down the slope face. The mats shall have direct contact with the soil surface.
- E. Overlap:
 - a. Lengthwise: 1 foot minimum.
 - b. Crosswise: 6 inches minimum.

3.13 CLEANUP

- A. Sediment trapped in erosion control devices shall be removed from the site or regraded into the slopes on the site. Do not flush sediment-laden water into drainage system.
- B. After site restoration is complete and when approved by the CITY PROJECT MANAGER, all temporary erosion control measures shall be completely removed

and disposed offsite to locations that are approved by federal, state, and local authorities.

- C. Silt fence, straw bales, reinforced plastic covering, and any other erosion control devices shall be disposed offsite to locations that are approved by federal, state, and local authorities.

END OF SECTION



EXHIBIT F

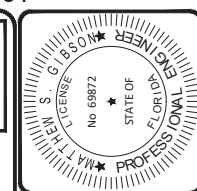
TRANSPORTATION AND MOBILITY DEPARTMENT

290 NORTHEAST 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33301
TELEPHONE (954) 828-3700, FAX (954) 828- 3704

WWW.FORTLAUDERDALE.GOV



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MATTHEW S. GIBSON, P.E., ON JANUARY 16, 2020.
 PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.



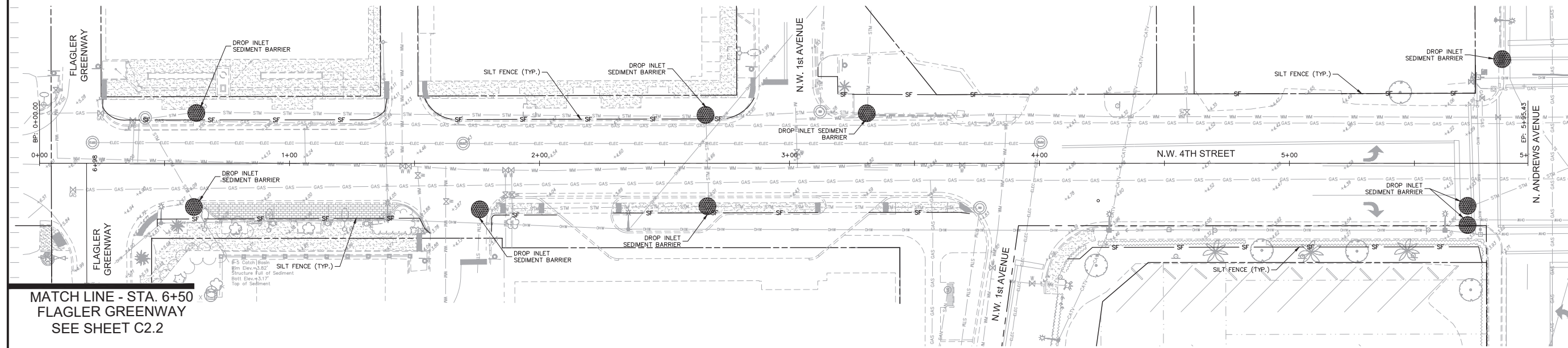
DATE: 6/15/19
 DRAWN BY: JWC
 DESIGNED BY: TW
 CHECKED BY: MSG
 FIELD BOOK:

CITY OF FORT LAUDERDALE
 TRANSPORTATION AND
 MOBILITY DEPARTMENT
 290 NE 3rd Avenue, Fort Lauderdale, Florida 33301

NO.	DATE	BY	CHK'D	DESCRIPTION
1	1/16/20	DTJ	MSG	PERMIT REVISIONS

PROJECT #12126
 DOWNTOWN MOBILITY HUB
 STREETScape PROJECT
C2.0-EROSION CONTROL PLAN
 FORT LAUDERDALE, FLORIDA

SHEET NO.
C2.0
 TOTAL: 70
 CAD FILE: 12126-C2.0-EROS
 CAM 21-0307
 Exhibit 3



MATCH LINE - STA. 6+50
 FLAGLER GREENWAY
 SEE SHEET C2.2

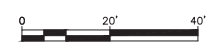
NOTICE
 INSPECTION REQUIRED
 24 HRS. PRIOR TO COMMENCING ANY WORK IN THE PUBLIC R/W CONTACT THE BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION AT 954-577-4600 FOR INSPECTION.

ALL MATERIALS USED AND INSTALLATIONS WITHIN THE PUBLIC RIGHT OF WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION SPECIFICATIONS.

NOTE:
 APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION.
 A Permit For Construction Must Be Obtained From The Broward County Highway Construction and Engineering Division Prior To Commencing Construction In The Public Right Of Way.

PERMIT SET
 MUST BE ON JOBSITE AT ALL TIMES DURING CONSTRUCTION

N.W. 4th STREET EROSION CONTROL PLAN

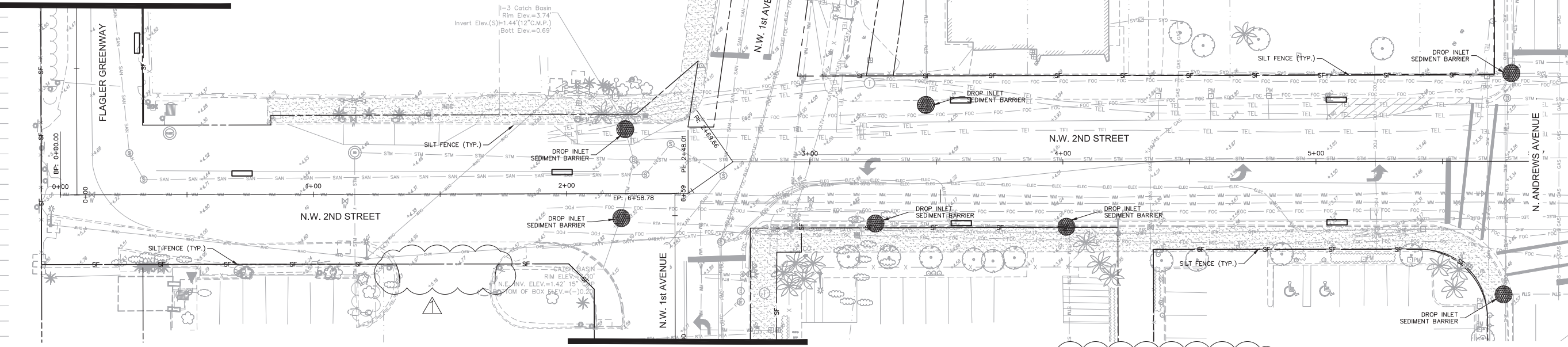


LEGEND
 SF SILT FENCE
 INLET SEDIMENT BARRIER

NOTES:

- CONTRACTOR TO CONSIDER POTENTIAL DEWATERING ACTIVITIES WHEN PREPARING BID DOCUMENTS FOR THIS PROJECT.
- CONTRACTOR SHALL OBTAIN ANY NECESSARY DEWATERING PERMITS AS SITE CONDITIONS AND CONSTRUCTION ACTIVITIES REQUIRE.
- CONTRACTOR TO USE BEST MANAGEMENT PRACTICES TO ENSURE COMPLIANCE WITH NPDES' AND WATER MANAGEMENT DISTRICT REGULATIONS FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES AND DEWATERING OPERATIONS.
- CONTRACTOR TO SUBMIT CONSTRUCTION ENTRY / EXIT LOCATIONS AND CONSTRUCTION VEHICLE WASHDOWN AREAS FOR THIS PROJECT.

MATCH LINE - STA. 0+75
 FLAGLER GREENWAY
 SEE SHEET C2.2



MATCH LINE - STA. 6+00
 N.W. 1st AVENUE
 SEE SHEET C2.1

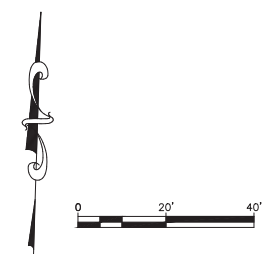
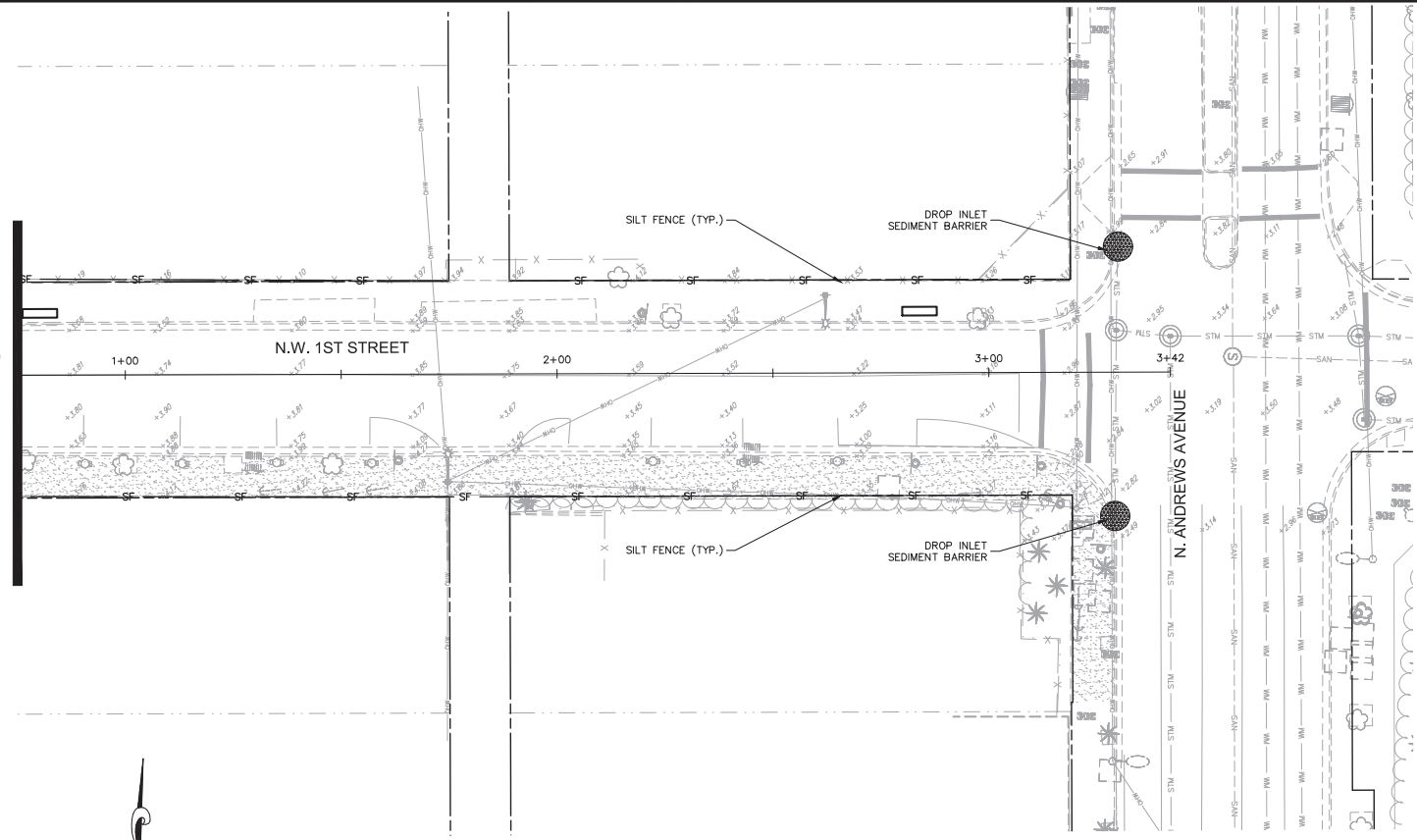
N.W. 2nd STREET EROSION CONTROL PLAN

BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION
 PLAN CONSISTENT WITH PLAT REQUIREMENTS
 PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE
 BY: _____ DATE: _____
 DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

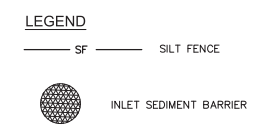
Kimley»Horn

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 600 NORTH PINE ISLAND ROAD, SUITE 450, PLANTATION, FL 33324
 PHONE: 954-535-5100 WWW.KIMLEY-HORN.COM CA 00000696

MATCH LINE - STA. 0+75
N.W. 1st STREET
SEE BELOW



N.W. 1st STREET EROSION CONTROL PLAN (ADD ALTERNATIVE #1)



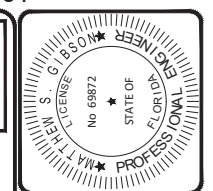
NOTICE
INSPECTION REQUIRED
24 HRS. PRIOR TO COMMENCING ANY WORK IN THE PUBLIC R/W CONTACT THE BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION AT 954-577-4600 FOR INSPECTION.

ALL MATERIALS USED AND INSTALLATIONS WITHIN THE PUBLIC RIGHT OF WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION SPECIFICATIONS.

NOTE:
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION.
A Permit For Construction Must Be Obtained From The Broward County Highway Construction and Engineering Division Prior To Commencing Construction In The Public Right Of Way.

PERMIT SET
MUST BE ON JOBSITE AT ALL TIMES DURING CONSTRUCTION

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MATTHEW S. GIBSON, P.E., ON JANUARY 16, 2020.
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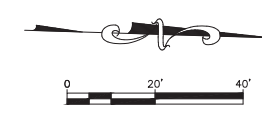
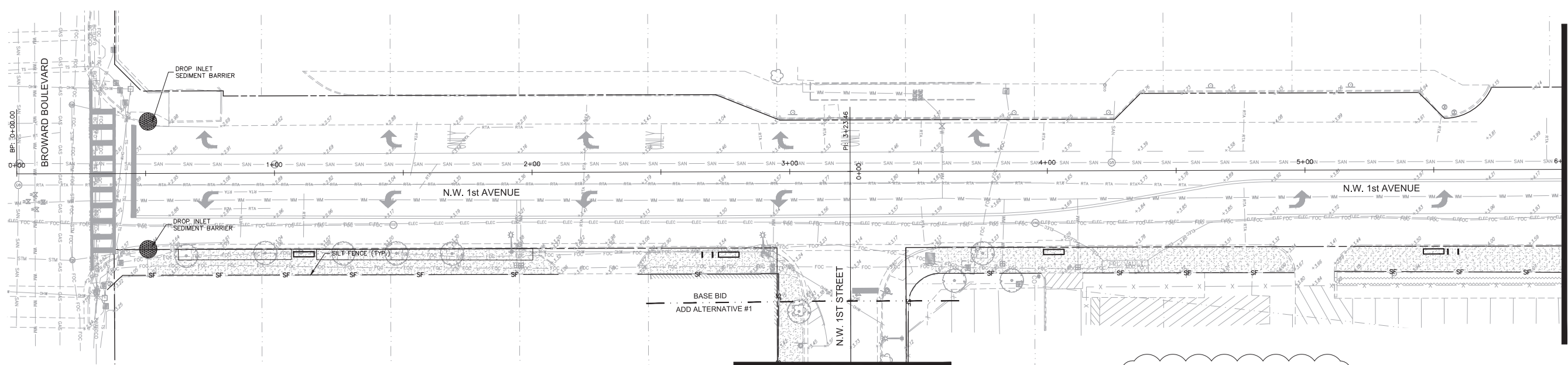
DATE:	6/5/19
DRAWN BY:	JWC
DESIGNED BY:	TW
CHECKED BY:	MSG
FIELD BOOK:	

CITY OF FORT LAUDERDALE
TRANSPORTATION AND MOBILITY DEPARTMENT
290 NE 3rd Avenue, Fort Lauderdale, Florida 33301

NO.	DATE	BY	CHK'D	REVISIONS	
				DESCRIPTION	PERMIT REVISIONS
1	1/16/20	DTJ	MSG		

NOTES:

- CONTRACTOR TO CONSIDER POTENTIAL DEWATERING ACTIVITIES WHEN PREPARING BID DOCUMENTS FOR THIS PROJECT.
- CONTRACTOR SHALL OBTAIN ANY NECESSARY DEWATERING PERMITS AS SITE CONDITIONS AND CONSTRUCTION ACTIVITIES REQUIRE.
- CONTRACTOR TO USE BEST MANAGEMENT PRACTICES TO ENSURE COMPLIANCE WITH NPDES AND WATER MANAGEMENT DISTRICT REGULATIONS FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES AND DEWATERING OPERATIONS.
- CONTRACTOR TO SUBMIT CONSTRUCTION ENTRY / EXIT LOCATIONS AND CONSTRUCTION VEHICLE WASHDOWN AREAS FOR THIS PROJECT.



N.W. 1st AVENUE EROSION CONTROL PLAN

MATCH LINE - STA. 0+75
N.W. 1st STREET
SEE ABOVE

BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION

PLAN CONSISTENT WITH PLAT REQUIREMENTS

PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS



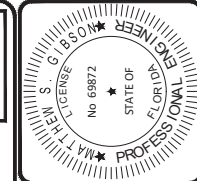
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600 NORTH PINE ISLAND ROAD, SUITE 450, PLANTATION, FL 33324
PHONE: 954-535-5100 WWW.KIMLEY-HORN.COM CA 00000696

MATCH LINE - STA. 6+00
N.W. 1st AVENUE
SEE SHEET C2.1

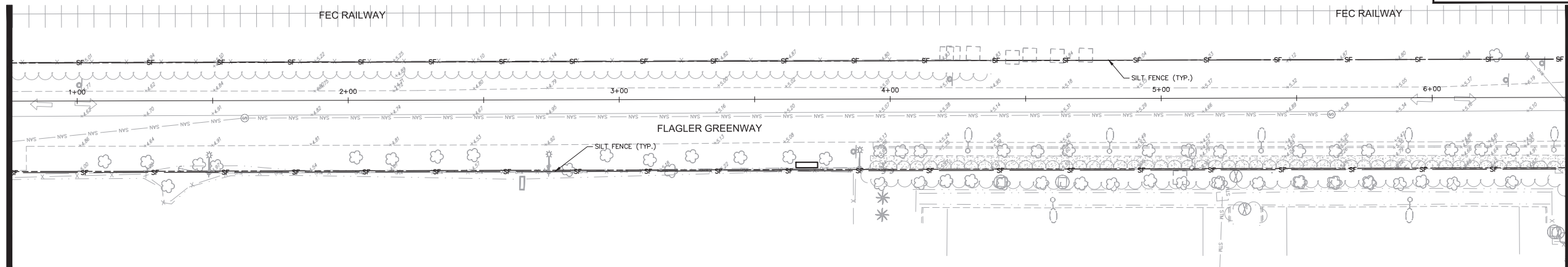
PROJECT #12126
DOWNTOWN MOBILITY HUB
STREETSCAPE PROJECT
C2.1-EROSION CONTROL PLAN
FORT LAUDERDALE, FLORIDA

SHEET NO.	C2.1
TOTAL:	70
CAD FILE:	12126-C2.0-EROS
CA	M 21-0307
	Exhibit 3

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MATCH LINE - STA. 0+75
 FLAGLER GREENWAY
 SEE SHEET C2.0

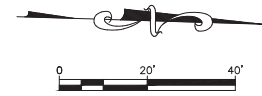


MATCH LINE - STA. 6+50
 FLAGLER GREENWAY
 SEE SHEET C2.0

DATE:	6/15/19
DESIGNED BY:	AS SHOWN
CHECKED BY:	MSG
FIELD BOOK:	

CITY OF FORT LAUDERDALE
 TRANSPORTATION AND
 MOBILITY DEPARTMENT

290 NE 3rd Avenue, Fort Lauderdale, Florida 33301



FLAGLER GREENWAY EROSION CONTROL PLAN

- LEGEND**
- SF — SILT FENCE
 - INLET SEDIMENT BARRIER

NOTES:

- CONTRACTOR TO CONSIDER POTENTIAL DEWATERING ACTIVITIES WHEN PREPARING BID DOCUMENTS FOR THIS PROJECT.
- CONTRACTOR SHALL OBTAIN ANY NECESSARY DEWATERING PERMITS AS SITE CONDITIONS AND CONSTRUCTION ACTIVITIES REQUIRE.
- CONTRACTOR TO USE BEST MANAGEMENT PRACTICES TO ENSURE COMPLIANCE WITH NPDES AND WATER MANAGEMENT DISTRICT REGULATIONS FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES AND DEWATERING OPERATIONS.
- CONTRACTOR TO SUBMIT CONSTRUCTION ENTRY / EXIT LOCATIONS AND CONSTRUCTION VEHICLE WASHDOWN AREAS FOR THIS PROJECT.

NO.	DATE	BY	CHK'D	REVISIONS	
				DESCRIPTION	
1	1/16/20			DTJ	MSG

PROJECT #12126
 DOWNTOWN MOBILITY HUB
 STREETSCAPE PROJECT
C2.2-EROSION CONTROL PLAN
 FORT LAUDERDALE, FLORIDA

SHEET NO.	C2.2
TOTAL:	70
CAD FILE:	12126-C2.0-EROS
	CA M 21-0307
	Exhibit 3



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 PHONE: 954-535-5100 WWW.KIMLEY-HORN.COM CA 00000696



EXHIBIT G

TRANSPORTATION AND MOBILITY DEPARTMENT

290 NORTHEAST 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33301
TELEPHONE (954) 828-3700, FAX (954) 828- 3704

WWW.FORTLAUDERDALE.GOV



BEST MANAGEMENT PRACTICES (BMPs):

THIS PLAN HAS BEEN PREPARED TO ENSURE COMPLIANCE WITH APPROPRIATE CONDITIONS OF THE BROWARD COUNTY LAND DEVELOPMENT REGULATIONS, THE RULES OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP), CHAPTER 17-25, F.A.C., THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD), CHAPTER 400-4, F.A.C. AND THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA) DOCUMENT NO. EPA 832/R-92-005 (SEPTEMBER 1992). THE PLAN ADDRESSES THE FOLLOWING:

- A. PREVENT LOSS OF SOIL DURING CONSTRUCTION BY STORMWATER RUNOFF AND/OR WIND EROSION, INCLUDING PROTECTING TOPSOIL BY STOCKPILING FOR REUSE.
B. SEDIMENTATION PROTECTION OF STORM SEWER OR RECEIVING STREAM.
C. PREVENT POLLUTING THE AIR WITH DUST AND PARTICULATE MATTER. THE VARIOUS TECHNIQUES OR ACTIONS IDENTIFIED UNDER EACH SECTION INDICATE THE APPROPRIATE SITUATION WHEN THE TECHNIQUES SHOULD BE EMPLOYED. ALSO IDENTIFIED IS A CROSS-REFERENCE TO A DIAGRAM OR FIGURE REPRESENTING THE TECHNIQUE. IT SHOULD BE NOTED THAT THE MEASURES IDENTIFIED ON THIS PLAN ARE ONLY SUGGESTED BMPs. THE CONTRACTOR SHALL PROVIDE POLLUTION PREVENTION AND EROSION CONTROL MEASURES AS SPECIFIED IN ACCORDANCE WITH THE CURRENT FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) REQUIREMENTS. CONTRACTOR SHALL PREPARE REQUIRED NPDES DOCUMENTATION AND OBTAIN PERMIT PRIOR TO COMMENCEMENT OF CONSTRUCTION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE THE REQUIRED NPDES DOCUMENT AND OBTAIN THE NPDES PERMIT. ALL COST ASSOCIATED WITH SUCH WORK SHALL BE DEMAILED INCIDENTAL TO THE PROJECT LUMP SUM COST.

GENERAL EROSION CONTROL NOTES:

- A. THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS COMPRISED OF THESE EROSION CONTROL DRAWINGS, THE STANDARD DETAILS, THE NPDES PERMIT (TO BE OBTAINED BY CONTRACTOR) AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
B. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THIS DRAWING AND THE STATE OF FLORIDA NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
C. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMP) IN ALL CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
1. FUEL SPILLS AND LEAKS PREVENTION
2. PREVENT/REDUCE VEHICLE AND EQUIPMENT WASHING AND STEAM CLEANING
3. VEHICLE AND EQUIPMENT MAINTENANCE AND REPAIR
4. PROPER OUTDOOR LOADING/UNLOADING OF MATERIALS
5. PREVENT/REDUCE OUTDOOR STORAGE OF RAW MATERIALS, PRODUCTS, AND BY-PRODUCTS
6. SOLID WASTE MANAGEMENT
7. HAZARDOUS WASTE MANAGEMENT
8. CONCRETE WASTE MANAGEMENT
9. SANDBLASTING WASTE MANAGEMENT
10. STRUCTURE CONSTRUCTION AND PAINTING
11. SPILL PREVENTION AND CONTROL
12. CONTAMINATED SOIL MANAGEMENT
13. SANITARY/SEPTIC WASTE MANAGEMENT
14. SOIL EROSION CONTROL
15. STORM WATER TURBIDITY MANAGEMENT

- ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
D. BEST MANAGEMENT PRACTICES (BMPs) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
E. SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. CONTRACTOR MUST MAINTAIN ALL PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS ON SITE AT ALL TIMES.
F. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
G. CONTRACTOR SHALL BEGIN CLEARING AND GRUBBING THOSE PORTIONS OF THE SITE NECESSARY TO IMPLEMENT PERMITTER CONTROL MEASURES. CLEARING AND GRUBBING FOR THE REMAINING PORTIONS OF THE PROPOSED SITE SHALL COMMENCE ONCE PERMITTER CONTROLS ARE IN PLACE. PERMITTER CONTROLS SHALL BE ACTIVELY MAINTAINED UNTIL SAID AREAS HAVE BEEN STABILIZED AND SHALL BE REMOVED ONCE FINAL STABILIZATION IS COMPLETE.
H. GENERAL EROSION CONTROL BMPs SHALL BE EMPLOYED TO MINIMIZE SOIL EROSION AND POTENTIAL LAKE SLOPE CAVE-INS. WHILE THE VARIOUS TECHNIQUES REQUIRED WILL BE SITE AND PLAN SPECIFIC, THEY SHOULD BE EMPLOYED AS SOON AS POSSIBLE DURING CONSTRUCTION.

STORM WATER EROSION CONTROL PRACTICES:

- A. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT FROM DETENTION PONDS AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
B. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
C. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (COMPOST SOCK DEVICES, ETC.) TO PREVENT EROSION.
D. WHERE PRACTICAL, STORMWATER SHALL BE CONVEYED BY SWALES.
E. EROSION CONTROL MEASURES SHALL BE EMPLOYED TO MINIMIZE TURBIDITY OF SURFACE WATERS LOCATED DOWNSTREAM OF ANY CONSTRUCTION ACTIVITY. WHILE THE VARIOUS MEASURES REQUIRED WILL BE SITE SPECIFIC, THEY SHALL BE EMPLOYED AS NEEDED IN ACCORDANCE WITH THE FOLLOWING:
1. IN GENERAL, EROSION SHALL BE CONTROLLED AT THE FURTHEST PRACTICAL UPSTREAM LOCATION.
2. STORMWATER INLETS SHALL BE PROTECTED DURING CONSTRUCTION. PROTECTION MEASURES SHALL BE EMPLOYED AS PRACTICAL DURING THE VARIOUS STAGES OF INLET CONSTRUCTION. SILT BARRIERS SHALL REMAIN IN PLACE UNTIL SODDING AROUND INLETS IS COMPLETE.
3. WHEN NEEDED A TEMPORARY SEDIMENT TRAP SHOULD BE CONSTRUCTED TO DETAIN SEDIMENT-LADEN RUNOFF FROM DISTURBED AREAS.
F. SILT BARRIERS, ANY SILT WHICH ACCUMULATES BEHIND THE BARRIERS, AND ANY FILL USED TO ANCHOR THE BARRIERS SHALL BE REMOVED PROMPTLY AFTER THE END OF THE MAINTENANCE PERIOD SPECIFIED FOR THE BARRIERS.

- G. SLOPES OF BANKS OF RETENTION/DETENTION PONDS SHALL BE CONSTRUCTED NOT STEEPER THAN 3H:1V FROM TOP OF BANK TO TWO FEET BELOW NORMAL WATER LEVEL, AS APPLICABLE.
H. SOO SHALL BE PLACED FOR A 2-FOOT WIDE STRIP ADJOINING ALL CURBING AND AROUND ALL INLETS. SOO SHALL BE PLACED BEFORE SILT BARRIERS ARE REMOVED.
I. WHERE REQUIRED TO PREVENT EROSION FROM SHEET FLOW ACROSS BARE GROUND FROM ENTERING A LAKE OR SWALE, A TEMPORARY SEDIMENT SUMP SHALL BE CONSTRUCTED.
J. FILTER FABRIC SHOULD BE USED FOR STORM DRAIN INLET PROTECTION BEFORE FINAL STABILIZATION.

WIND EROSION CONTROL PRACTICES:

- A. WIND EROSION SHALL BE CONTROLLED BY EMPLOYING THE FOLLOWING METHODS AS NECESSARY AND APPROPRIATE:
1. BARE EARTH AREAS SHALL BE WATERED DURING CONSTRUCTION AS NECESSARY TO MINIMIZE THE TRANSPORT OF FUGITIVE DUST. IT MAY BE NECESSARY TO LIMIT CONSTRUCTION VEHICLE SPEED IF BARE EARTH HAS NOT BEEN EFFECTIVELY WATERED. IN NO CASE SHALL FUGITIVE DUST BE ALLOWED TO LEAVE THE SITE UNDER CONSTRUCTION.
2. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED (SEE PERMANENT STABILIZATION PRACTICES FOR DETAILS). THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND LANDSCAPE PLAN. CLEARED SITE DEVELOPMENT AREAS NOT CONTINUALLY SCHEDULED FOR CONSTRUCTION ACTIVITIES SHALL BE COVERED WITH HAY OR OVERSEEDED AND PERIODICALLY WATERED SUFFICIENTLY TO STABILIZE THE TEMPORARY GROUND COVER (SEE TEMPORARY STABILIZATION PRACTICES FOR DETAILS).
3. AT ANY TIME BOTH DURING AND AFTER SITE CONSTRUCTION THAT WATERING AND/OR VEGETATION ARE NOT EFFECTIVE IN CONTROLLING WIND EROSION AND/OR TRANSPORT OF FUGITIVE DUST, OTHER METHODS AS ARE NECESSARY FOR SUCH CONTROL SHALL BE EMPLOYED. THESE METHODS SHOULD INCLUDE ERECTION OF DUST CONTROL FENCES. A 6-FT GEOTEXTILE FILTER FIBER SHOULD BE HANGING AGAINST THE EXISTING CHAIN LINK FENCE AND GATE.

STABILIZATION PRACTICES:

SHALL BE IN ACCORDANCE WITH DEP DOCUMENT NO 62-621.300(4)(a)

STRUCTURAL PRACTICES:

SHALL BE IN ACCORDANCE WITH DEP DOCUMENT NO 62-621.300(4)(a)

WASTE DISPOSAL:

- A. WASTE MATERIALS - ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A METAL DUMPSTER WITH A SECURE LID IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITIES TO HAVE THE DUMPSTER EMPTIED AT LEAST TWICE A WEEK AND THE WASTE TAKEN TO AN APPROPRIATE LANDFILL. NO CONSTRUCTION WASTE MATERIALS SHALL BE BURIED ON SITE. THE SUPERINTENDENT SHALL ORGANIZE TRAINING FOR THE EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH WASTE MATERIALS. THE SUPERINTENDENT SHALL BE RESPONSIBLE FOR POSTING AND ENFORCING WASTE MATERIAL PROCEDURES.
B. HAZARDOUS WASTE - HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS OR AS DIRECTED BY THE MANUFACTURER. THE SUPERINTENDENT SHALL ORGANIZE THE PROPER TRAINING FOR EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH HAZARDOUS WASTE MATERIALS. THESE PROCEDURES SHALL BE POSTED ON THE SITE. THE PERSON WHO MANAGES THE SITE SHALL BE RESPONSIBLE FOR ENFORCING THE PROCEDURES.
C. SANITARY WASTE - SANITARY WASTE SHALL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITY FOR COLLECTION OF THE SANITARY WASTE AT LEAST THREE TIMES A WEEK TO PREVENT SPILLAGE ONTO THE SITE.
D. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.

OFFSITE TRACKING:

- A. STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED TO REDUCE SEDIMENT TRACKING OFFSITE. THE MAJOR ROAD CONNECTED TO THE PROJECT SHALL BE CLEANED ONCE A DAY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK RESULTING FROM CONSTRUCTION TRAFFIC. ALL TRUCKS HAULING MATERIALS OFFSITE SHALL BE COVERED WITH A TARP/AULIN.
B. GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATION PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES. HEAVY CONSTRUCTION EQUIPMENT PARKING AND MAINTENANCE AREAS SHALL BE DESIGNED TO PREVENT OIL, GREASE, AND LUBRICANTS FROM ENTERING SITE DRAINAGE FEATURES INCLUDING STORMWATER COLLECTION AND TREATMENT SYSTEMS. CONTRACTORS SHALL PROVIDE BROAD DIKES, HAY BALES OR SILT SCREENS AROUND, AND SEDIMENT SUMPS WITHIN SUCH AREAS AS REQUIRED TO CONTAIN SPILLS OF OIL, GREASE OR LUBRICANTS. CONTRACTORS SHALL HAVE AVAILABLE, AND SHALL USE, ABSORBENT FILTER PADS TO CLEAN UP SPILLS AS SOON AS POSSIBLE AFTER OCCURRENCE.
C. ALL WASH WATER FROM CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC. SHALL BE DETAINED ON SITE AND SHALL BE PROPERLY TREATED OR DISPOSED.
D. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
E. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

MAINTENANCE:

- ALL MEASURES STATED ON THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
A. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DEGRADATION.
B. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.

- K. THE COMPOST ROCK FILTRATION DEVICE SHALL BE INSPECTED PERIODICALLY FOR HEIGHT OF SEDIMENT AND CONDITION OF DEVICE. COMPOST SOCK SHALL BE REPAIRED TO ITS ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE COMPOST SOCK WHEN IT REACHES ONE-THIRD THE HEIGHT OF THE COMPOST SOCK.
D. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
E. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
F. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. THE SEDIMENT BASINS/DITCHES SHALL BE CHECKED MONTHLY FOR DEPTH OF SEDIMENT. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 10% AND AFTER CONSTRUCTION IS COMPLETE.
G. ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN SEVEN CALENDAR DAYS FOLLOWING THE INSPECTION. DIVERSION DIKES SHALL BE INSPECTED MONTHLY. ANY BREACHES SHALL BE PROMPTLY REPAIRED.
H. A MAINTENANCE REPORT SHALL BE COMPLETED DAILY AFTER EACH INSPECTION OF THE SEDIMENT AND EROSION CONTROL METHODS. THE REPORTS SHALL BE FILED IN AN ORGANIZED MANNER AND RETAINED ON-SITE DURING CONSTRUCTION. AFTER CONSTRUCTION IS COMPLETE, THE REPORTS SHALL BE SAVED FOR AT LEAST THREE YEARS. THE REPORTS SHALL BE AVAILABLE FOR ANY AGENCY THAT HAS JURISDICTION OVER EROSION CONTROL.
I. ALL REPAIRS MUST BE MADE WITHIN 24 HOURS OF REPORT.
J. THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION PROCEDURES AND PROPER EROSION CONTROL METHODS FOR EMPLOYEES THAT COMPLETE INSPECTIONS AND REPORTS.
K. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.

SPILL PREVENTION AND CONTROL:

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

- A. GOOD HOUSEKEEPING
1. SUPERINTENDENT SHALL INSPECT PROJECT AREA DAILY FOR PROPER STORAGE, USE, AND DISPOSAL OF CONSTRUCTION MATERIALS.
2. STORE ONLY ENOUGH MATERIAL ON SITE FOR PROJECT COMPLETION.
3. ALL SUBSTANCES SHOULD BE USED BEFORE DISPOSAL OF CONTAINER.
4. ALL CONSTRUCTION MATERIALS STORED SHALL BE ORGANIZED AND IN THE PROPER CONTAINER AND IF POSSIBLE, STORED UNDER A ROOF OR PROTECTIVE COVER.
5. PRODUCTS SHALL NOT BE MIXED UNLESS DIRECTED BY THE MANUFACTURER.
6. ALL PRODUCTS SHALL BE USED AND DISPOSED OF ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
B. HAZARDOUS PRODUCTS
1. MATERIALS SHOULD BE KEPT IN ORIGINAL CONTAINER WITH LABELS UNLESS THE ORIGINAL CONTAINERS CANNOT BE RESEALED. IF ORIGINAL CONTAINERS CANNOT BE USED, LABELS AND PRODUCT INFORMATION SHALL BE SAVED.
2. PROPER DISPOSAL PRACTICES SHALL ALWAYS BE FOLLOWED IN ACCORDANCE WITH MANUFACTURER AND LOCAL/STATE REGULATIONS.
C. PRODUCT SPECIFIC PRACTICES
1. PETROLEUM PRODUCTS MUST BE STORED IN PROPER CONTAINERS AND CLEARLY LABELED. VEHICLES CONTAINING PETROLEUM PRODUCTS SHALL BE PERIODICALLY INSPECTED FOR LEAKS. PRECAUTIONS SHALL BE TAKEN TO AVOID LEAKAGE OF PETROLEUM PRODUCTS ON SITE.
2. THE MINIMUM AMOUNT OF FERTILIZER SHALL BE USED AND MIXED INTO THE SOIL IN ORDER TO LIMIT EXPOSURE TO STORM WATER. FERTILIZERS SHALL BE STORED IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.
3. PAINT CONTAINERS SHALL BE SEALED AND STORED WHEN NOT IN USE. EXCESS PAINT MUST BE DISPOSED OF IN AN APPROVED MANNER.
4. CONCRETE TRUCKS SHALL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.

SPILL CLEAN UP:

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED ABOVE, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

- A. SPILL CLEANUP INFORMATION SHALL BE POSTED ON SITE TO INFORM EMPLOYEES ABOUT CLEANUP PROCEDURES AND RESOURCES.
B. THE FOLLOWING CLEAN-UP EQUIPMENT MUST BE KEPT ON-SITE NEAR THE MATERIAL STORAGE AREA: GLOVES, MOPS, RAGS, BROOMS, DUST PANS, SAND, SAWDUST, LIQUID ABSORBENT, GOGGLES, AND TRASH CONTAINERS.
C. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON-SITE AND READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
D. ALL SPILLS SHALL BE CLEANED UP AS SOON AS POSSIBLE.
E. WHEN CLEANING A SPILL, THE AREA SHOULD BE WELL VENTILATED AND THE EMPLOYEE SHALL WEAR PROPER PROTECTIVE COVERING TO PREVENT INJURY.
F. TOXIC SPILLS MUST BE REPORTED TO THE PROPER AUTHORITY REGARDLESS OF THE SIZE OF THE SPILL.
G. AFTER A SPILL, THE PREVENTION PLAN SHALL BE REVIEWED AND CHANGED TO PREVENT FURTHER SIMILAR SPILLS FROM OCCURRING. THE CAUSE OF THE SPILL, MEASURES TO PREVENT IT, AND HOW TO CLEAN THE SPILL UP SHALL BE RECORDED.
H. THE SUPERINTENDENT SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR AND IS RESPONSIBLE FOR THE DAY TO DAY SITE OPERATIONS. THE SUPERINTENDENT ALSO OVERSEES THE SPILL PREVENTION PLAN AND SHALL BE RESPONSIBLE FOR EDUCATING THE EMPLOYEES ABOUT SPILL PREVENTION AND CLEANUP PROCEDURES.

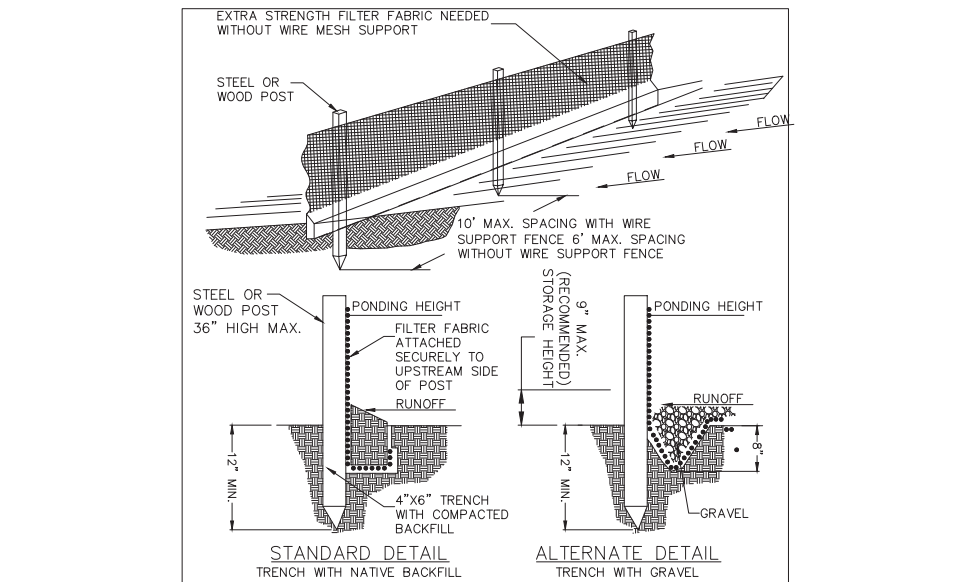
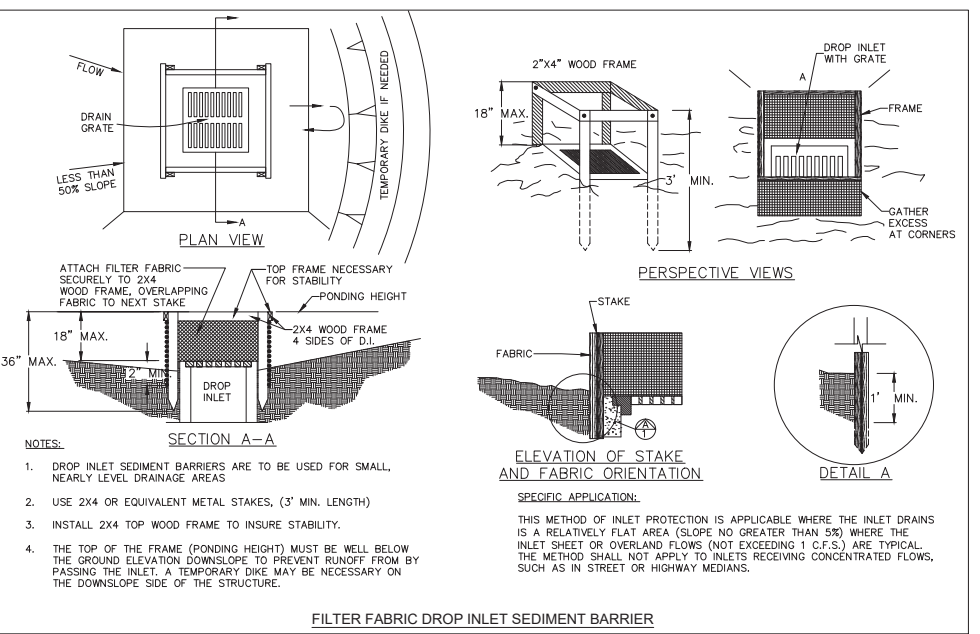
SEQUENCE OF CONSTRUCTION

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILER, PARKING, LAY DOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS.

- 1. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AND INSTALL SILT FENCE
2. DEMOLISH EXISTING STRUCTURES, (IF APPLICABLE)
3. CONSTRUCT AND STABILIZE SEDIMENT BASIN AND DRAINAGE SWALES WITH APPROPRIATE OUTFALL STRUCTURES (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL CONTROL DEVICES LISTED ABOVE)
4. INSTALL AND STABILIZE ANY NECESSARY HYDRAULIC CONTROL STRUCTURES (DIKES, CHECK DAMS, OUTLET TRAPS, ETC.)
5. PREPARE CLEARING AND GRUBBING OF THE SITE, (IF APPLICABLE)
6. START CONSTRUCTION OF THE BUILDING PAD AND STRUCTURES
7. PERFORM MASS GRADING, ROUGH GRADE TO ESTABLISH PROPOSED DRAINAGE PATTERNS
8. TEMPORARILY SEED, THROUGHOUT CONSTRUCTION, DISTURBED AREAS THAT WILL BE INACTIVE FOR 7 DAYS OR MORE AS REQUIRED BY GENERIC PERMIT
9. OFFSITE HEADWALL CONNECTION TO OPENED SHALL BE MADE AFTER THE ENTIRE ONSITE DRAINAGE SYSTEM HAS BEEN INSTALLED.

HALT ALL ACTIVITIES AND CONTACT THE CIVIL ENGINEER CONSULTANT TO PERFORM INSPECTION AND CERTIFICATION OF BMPs. GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT STORM WATER PRE-CONSTRUCTION MEETING WITH ENGINEER AND ALL GROUND DISTURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.

CONTRACTOR TO BE RESPONSIBLE FOR OBTAINING ALL DEWATERING PERMITS NECESSARY FOR CONSTRUCTION



NOTICE

INSPECTION REQUIRED
24 HRS. PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RW CONTACT THE BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION AT 954-577-4600 FOR INSPECTION.



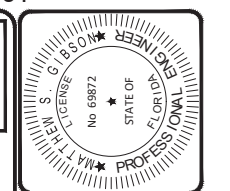
PERMIT SET

MUST BE ON JOBSITE AT ALL TIMES DURING CONSTRUCTION

BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION
PLAN CONSISTENT WITH PLAT REQUIREMENTS
PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE
BY: _____ DATE: _____
DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

ALL MATERIALS USED AND INSTALLATIONS WITHIN THE PUBLIC RIGHT OF WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION SPECIFICATIONS.

NOTE: APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION.
A Permit For Construction Must Be Obtained From The Broward County Highway Construction and Engineering Division Prior To Commencing Construction In The Public Right Of Way.



DRAWN BY: JWC
DATE: 6/5/19
DESIGNED BY: TW
SCALE: AS SHOWN
CHECKED BY: MSG
FIELD BOOK:

CITY OF FORT LAUDERDALE
TRANSPORTATION AND MOBILITY DEPARTMENT
Fort Lauderdale, Florida 33301
290 NE 3rd Avenue

Table with 4 columns: NO., DATE, DESCRIPTION, PERMIT REVISIONS. Row 1: 1, 1/16/20, MSG

PROJECT #12126
DOWNTOWN MOBILITY HUB
STREETSCAPE PROJECT
C2.3-EROSION CONTROL DETAILS
FORT LAUDERDALE, FLORIDA
SHEET NO. C2.3
TOTAL: 70
CAD FILE: 12126-C2.1-EROS-DETL
CAM 21-0307
Exhibit 3



EXHIBIT H

TRANSPORTATION AND MOBILITY DEPARTMENT

290 NORTHEAST 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33301
TELEPHONE (954) 828-3700, FAX (954) 828- 3704

WWW.FORTLAUDERDALE.GOV





Improper installation



TRANSPORTATION AND MOBILITY DEPARTMENT

290 NORTHEAST 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33301
TELEPHONE (954) 828-3700, FAX (954) 828- 3704

WWW.FORTLAUDERDALE.GOV



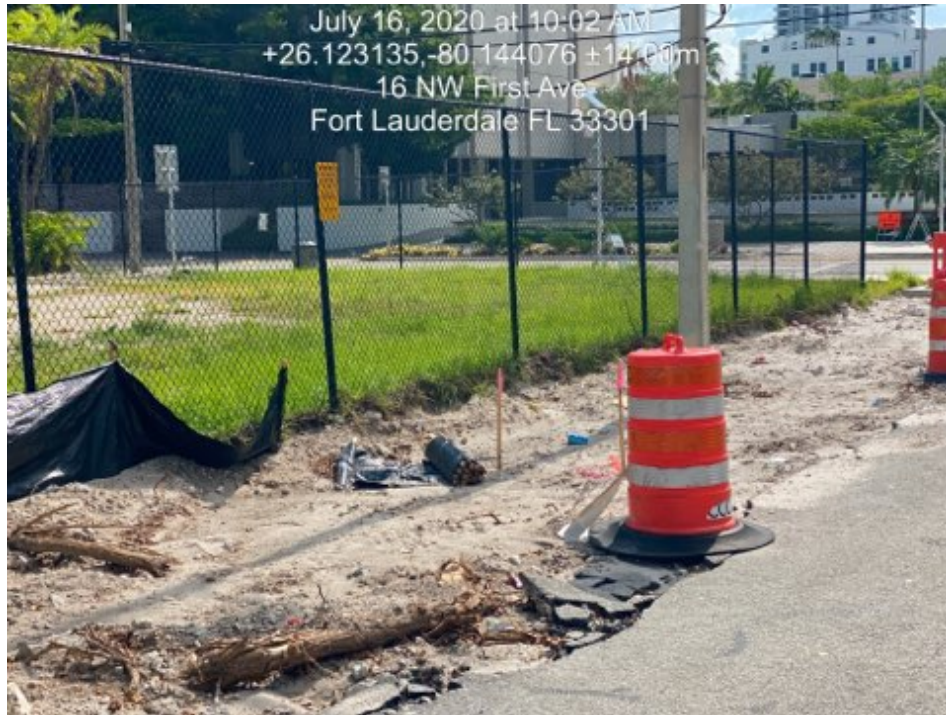


Improper maintenance





Failed to install erosion control where required by the plan to protect adjacent property



TRANSPORTATION AND MOBILITY DEPARTMENT
290 NORTHEAST 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33301
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WWW.FORTLAUDERDALE.GOV





Failed to install erosion control where required by the plan to protect adjacent property

