



COMMISSION AGENDA ITEM  
DOCUMENT ROUTING FORM

P ③ 9/22/16

Today's Date: 9/16/16

DOCUMENT TITLE: Department of the Army Consent to Easement to Use Corps of Engineers Right-of-Way

COMM. MTG. DATE: 9/7/16 CAM #: 16-1047 ITEM #: CM-12 CAM attached: ☐ YES ☒ NO

Routing Origin: CAO Router Name/Ext: Shaniece Louis / Ext. 5036

CIP FUNDED: ☐ YES ☒ NO

Capital Investment / Community Improvement Projects defined as having a life of at least 10 years and a cost of at least \$50,000 and shall mean improvements to real property (land, buildings, or fixtures) that add value and/or extend useful life, including major repairs such as roof replacement, etc. Term "Real Property" include: land, real estate, realty, or real.

2) City Attorney's Office # of originals attached: 3 Approved as to Form: ☒ YES ☐ NO

Date to CCO: 9/16/16 RBD  
Initials

3) City Clerk's Office: # of originals: \_\_\_\_\_ Routed to: Gina Ri/CMO/X5013 Date: \_\_\_\_\_

4) City Manager's Office: CMO LOG #: Sept 12 Date received from CCO: 9/19/16

Assigned to: L. FELDMAN ☒ S. HAWTHORNE ☐ C. LAGERBLOOM ☐  
L. FELDMAN as CRA Executive Director ☐

☐ APPROVED FOR LEE FELDMAN'S SIGNATURE ☐ N/A FOR L. FELDMAN TO SIGN

PER ACM: S. HAWTHORNE (Initial/Date) C. LAGERBLOOM  
(Initial/Date) ☐ PENDING APPROVAL (See comments below)

Comments/Questions: \_\_\_\_\_

Forward 3 originals to ☒ Mayor ☐ CCO Date: 9/20/16

5) Mayor/CRA Chairman: Please sign as indicated. Forward \_\_\_\_\_ originals to CCO for attestation/City seal (as applicable) Date: \_\_\_\_\_

INSTRUCTIONS TO CLERK'S OFFICE

City Clerk: Retains 0 original and forwards 3 original(s) to: Shaniece / CAO / Ext. 5036 (Name/Dept/Ext)

Attach \_\_\_\_\_ certified Reso # \_\_\_\_\_ ☐ YES ☒ NO Original Route form to CAO

\*Original will be returned upon execution by the Army\*



REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
701 SAN MARCO BLVD  
JACKSONVILLE, FLORIDA 32207-8175

OCT 03 2016

2016 OCT 17 AM 11:06

CITY CLERK

Real Estate Division  
Management and Disposal Branch

Mr. Paul Berg  
City of Fort Lauderdale  
100 North Andrews Avenue  
Fort Lauderdale, Florida 33301

Dear Mr. Berg:

Enclosed for your records please find a fully executed copy of Department of the Army Consent to Easement No. DACW17-9-16-0163. The Consent to Easement allows for the installation, use, maintenance, repair, removal, and replacement of a 20-inch diameter water main and 16-inch diameter wastewater force main on the Federal right-of-way easement of the Intracoastal Waterway, Jacksonville to Miami Project.

Should you have any questions, please telephone Ms. Bertha Miller of this office at 904-232-3727.

Sincerely,

Audrey C. Ormerod  
Chief, Real Estate Division

Enclosure

100-100000

100-100000

100-100000

2016 OCT 17 AM 11:06

CITY CLERK

**DEPARTMENT OF THE ARMY  
CONSENT TO EASEMENT  
TO USE CORPS OF ENGINEERS RIGHT-OF-WAY**

Consent No. DACW17-9-16-0163  
Project: Intracoastal Waterway,  
Jacksonville to Miami,  
Broward County, Florida  
Tract Nos. 1102 and 16400E

**THIS CONSENT TO EASEMENT AGREEMENT**, made by and between the **UNITED STATES OF AMERICA, DEPARTMENT OF THE ARMY**, hereinafter referred to as the "Government", acting by and through the District Chief of Real Estate, Real Estate Contracting Officer, U.S. Army Corps of Engineers, Jacksonville District, hereinafter referred to as "said officer," and the **CITY OF FORT LAUDERDALE, FLORIDA** hereinafter referred to as the "Grantee":

**WHEREAS**, the Government has acquired a right-of-way easement over the above-numbered tracts of land, which easement, by its terms, reserves to the Government, in perpetuity, the right to use said easement for the construction, improvement, and maintenance of the Intracoastal Waterway, Jacksonville to Miami, Broward County, Florida; and

**WHEREAS**, the Grantee has requested permission to install, use, maintain, repair, remove, and replace a 20-inch diameter water main and 16-inch diameter wastewater force main in, on, across, over, and under a portion of the lands identified as Tract Nos. 1102 and 16400E, Section 12, Township 50 South, Range 42 East, Broward County, Florida. The area comprising 0.23 of an acre, more or less, is shown in red on Exhibit "A" attached hereto and made a part hereof.

**NOW THEREFORE**, this consent is granted and accepted under the following conditions:

1. That it is understood that this consent is effective only insofar as the property rights of the Government in the land to be occupied are concerned and that it does not relieve the Grantee from the necessity of obtaining grants from the owners of the fee and/or other interests, therein, nor does it obviate the requirement that the Grantee obtain State or local assent required by law for the activity authorized herein.
2. That any proposed improvements or use authorized herein shall not be commenced until appropriate rights have been obtained by the Grantee from the record owners and encumbrancers of the fee title to the lands involved, or until the Grantee has obtained all Federal, State, or local permits required by law.

3. That the proposed improvements or use authorized herein shall be consistent with the terms and conditions of this consent; and that any improvements or use not specifically identified and authorized shall constitute a violation of the terms and conditions of this consent which may result in a revocation of this consent and in the institution of such legal proceedings as the Government may consider appropriate, whether or not this consent has been revoked or modified.

4. That the exercise of the privileges hereby consented to shall be without cost or expense to the Government and under the supervision of and subject to the approval of the said officer having immediate jurisdiction over the property and subject to such regulations as he may from time to time prescribe, including, but not limited to, the specific conditions, requirements, and specifications set forth in paragraph 14 below.

5. That the Grantee shall supervise and maintain the said improvements and cause it to be inspected at reasonable intervals, and shall immediately repair any damage found therein as a result of such inspection, or when requested by said officer to repair any defects. Upon completion of the installation of said improvements or the making of any repairs thereto, the premises shall be restored immediately by the Grantee, at the Grantee's own expense, to the same condition as that in which they existed prior to the commencement of such work, to the satisfaction of said officer.

6. That any property of the Government damaged or destroyed by the Grantee incident to the exercise of the privileges herein granted shall be promptly repaired or replaced by the Grantee to the satisfaction of the said officer, or in lieu of such repair or replacement, the Grantee shall, if so required by said officer and at his option, pay to the Government an amount sufficient to compensate for the loss sustained by the Government by reason of damage to or destruction of Government property.

7. That the Government shall not be responsible for damages to the property or injuries to persons which may arise from or be incident to the exercise of the privileges herein granted, or for damages to the property of the Grantee, or for damages to the property or injuries to the person of the Grantee, or the persons of the Grantee's officers, agents, servants, or employees, or others who may be on said premises at the invitation of the Grantees or the invitation of one of them, arising from Governmental activities on or in the vicinity of the said premises, and the Grantee shall hold the Government harmless from any and all claims to the extent allowed by law.

8. That the Government shall in no case be liable for any damage, either hidden or known, to any improvements herein authorized which may be caused by any action of the Government, under the rights obtained in its easements, or that may result from the future operations undertaken by the Government, and no claim or right to compensation shall accrue from such damage, and if further operations of the Government require the alteration or removal of any improvements herein authorized, the Grantees shall, upon due notice, from said officer, alter or remove said improvements without expense to the

Government and subject to the supervision and approval of the said officer and no claim for damages shall be made against the Government on account of such alterations or removal.

9. That construction and/or operation, maintenance, and use of any improvements incident to the exercise of the privileges herein granted shall be in such a manner as not to conflict with the rights of the Government, nor to interfere with the operations by the Government under such rights nor to endanger lives and safety of the public.

10. That this consent may be terminated by the Government or said officer upon reasonable notice to the Grantee if the Government or said officer shall determine that any improvements or use to which consent is herein granted interferes with the use of said land or any part thereof by the Government, and this consent may be annulled and forfeited by the declaration of the Government or said officer for failure to comply with any or all of the provisions and conditions of this consent, or for nonuse for a period of two (2) years, or for abandonment.

11. That upon relinquishment, termination, revocation, forfeiture, or annulment of this consent, the Grantee shall vacate the premises, remove all property of the Grantee therefrom, and restore the premises to a condition satisfactory to the said officer. If the Grantee shall fail or neglect to remove the said property and so restore the premises, then at the option of the Government or said officer, the said property shall either become the property of the Government without compensation therefor, or the Government or said officer, may cause it to be removed, and the premises to be so restored at the expense of the Grantee, and no claim for damages against the Government, or its officer or agents, shall be created by or made on account of such removal and restoration.

12. That the Grantee within the limits of its respective legal powers shall comply with all Federal, interstate, State, and/or local governmental regulations, conditions, or instructions for the protection of the environment and all other matters as they relate to real property interests granted herein.

13. That the Grantee shall not remove or disturb, or cause or permit to be removed or disturbed, any historical, archeological, architectural, or other cultural artifacts, relics, vestiges, remains, or objects of antiquity. In the event such items are discovered on the premises, the Grantee shall immediately notify the District Engineer, Jacksonville District, Post Office Box 4970, Jacksonville, Florida 32232-0019, and the site and the material shall be protected by the Grantee from further disturbance until a professional examination of them can be made or until a clearance to proceed is authorized by the District Engineer.

14. That construction shall be in accordance with the drawings attached hereto and made a part hereof as Exhibit "B" and with Department of the Army Permit

No. SAJ-2016-00427, incorporated herein by reference. That no additional structures shall be constructed waterward of the Government's right-of-way line and that any structures currently within the right-of-way must be removed by the Grantee, at Grantee's expense, if future needs of the Government so require.

15. That this consent may not be transferred to a third party without the prior written notice to the Chief, Real Estate Division, U.S. Army Corps of Engineers, Jacksonville District, Post Office Box 4970, Jacksonville, Florida 32232-0019, and by the transferee's written agreement to comply with and be bound by all the terms and conditions of this consent. In addition, if the Grantee transfers the improvements authorized herein by conveyance of realty, the deed shall reference this consent and the terms and conditions herein and the consent shall be recorded along with the deed in the Registrar of Deeds or with other appropriate official.

This consent is not subject to Title 10, United States Code, Section 2662.



IN WITNESS WHEREOF, I have hereunto set my hand, by authority of the  
Secretary of the Army, this 34 day of October, 2016.

UNITED STATES OF AMERICA

BY: Audrey C. Ormerod  
AUDREY C. ORMEROD  
District Chief of Real Estate  
Real Estate Contracting Officer  
U.S. Army Engineer District  
Jacksonville, Florida

AGREED TO AND ACCEPTED

WITNESS:

Safaa Al  
Safaa Al  
[Witness print or type name]

Aina Rizzuti Smith  
Aina Rizzuti Smith  
[Witness print or type name]

CITY OF FORT LAUDERDALE, FLORIDA,  
a municipal corporation of the State of  
Florida

By: John R. "Jack" Seiler  
John R. "Jack" Seiler, Mayor

Lee R. Feldman  
Lee R. Feldman, City Manager

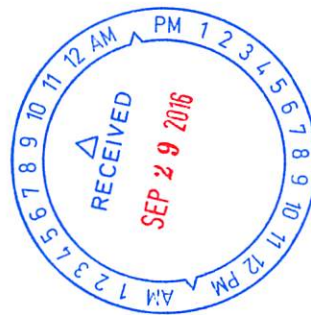
ATTEST:

Jeffrey A. Modarelli  
Jeffrey A. Modarelli, City Clerk

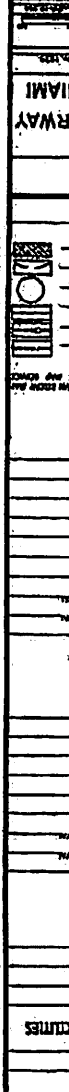
APPROVED AS TO FORM:  
Cynthia A. Everett, City Attorney

By: Robert B. Dunckel  
Robert B. Dunckel  
Assistant City Attorney

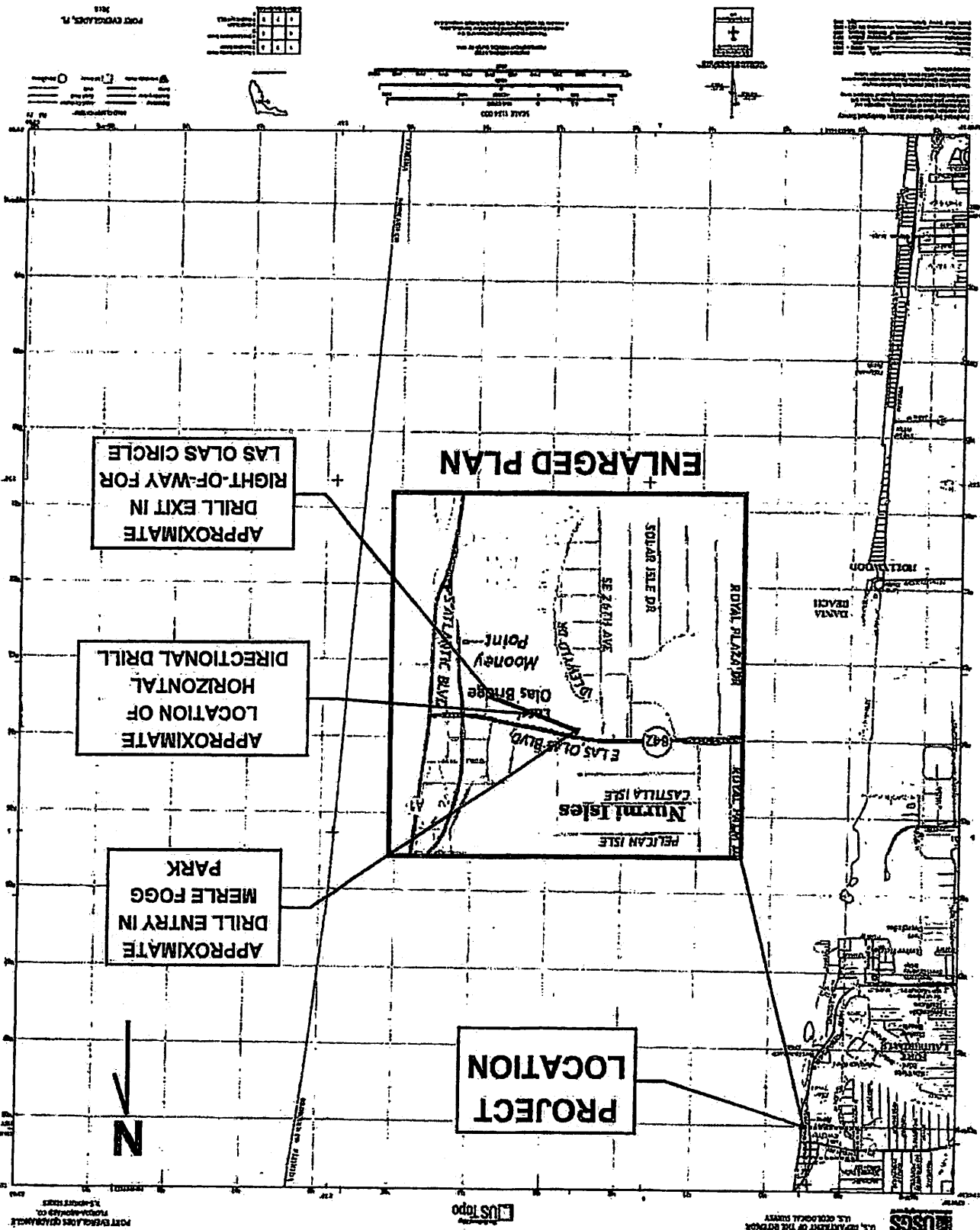


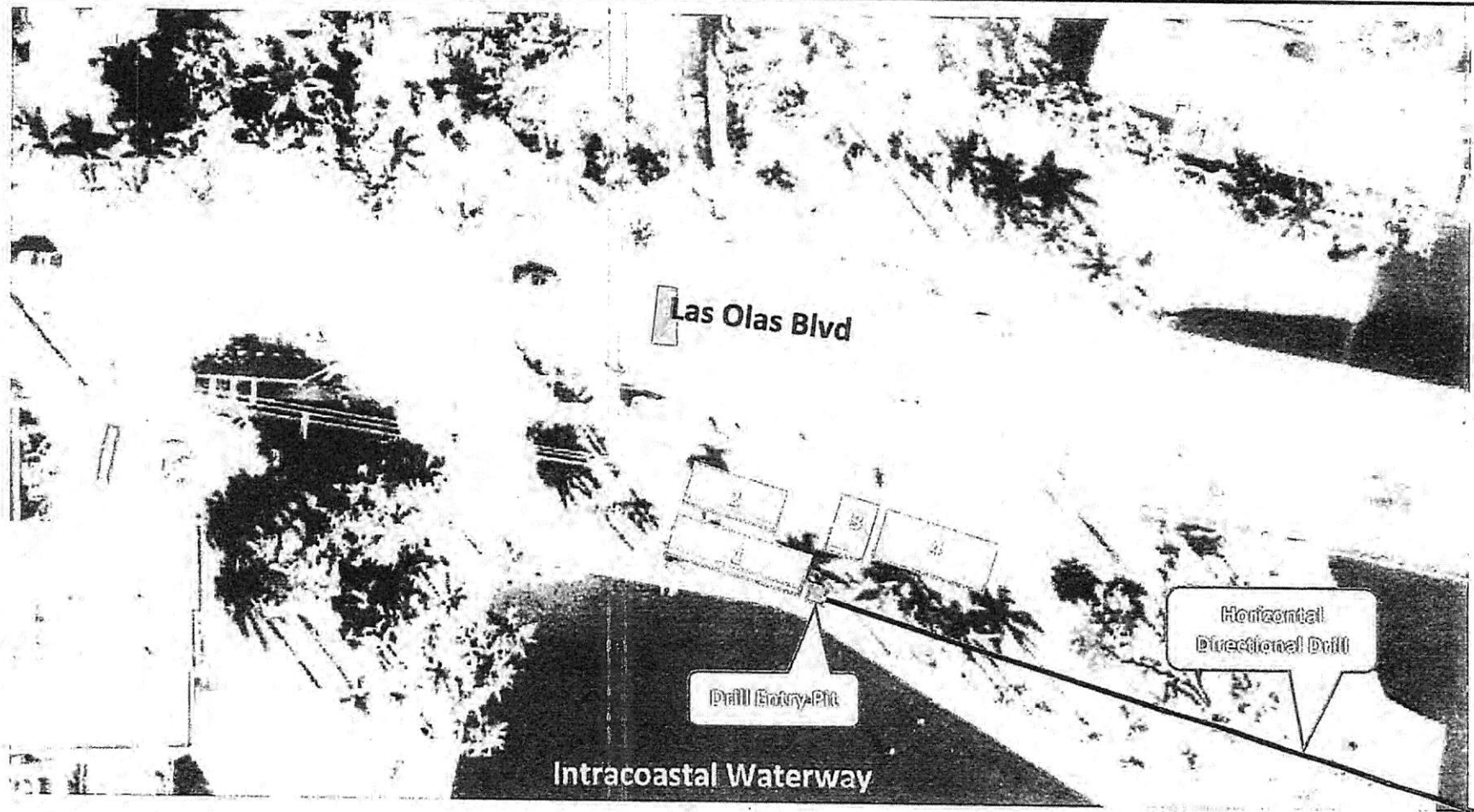


MAP			
NET			
CH			



MAP	
NET	
CH	





Equipment:

1. Drill Rig
2. Drill Pipe Laydown
3. HDPE Lined Drill Cuttings Settlement Pit
4. Mud Tanks and Pumps

Note:

1. This plan is provided for conceptual purposes. The actual staging area plan shall be developed by the engineer retained by the design build firm.

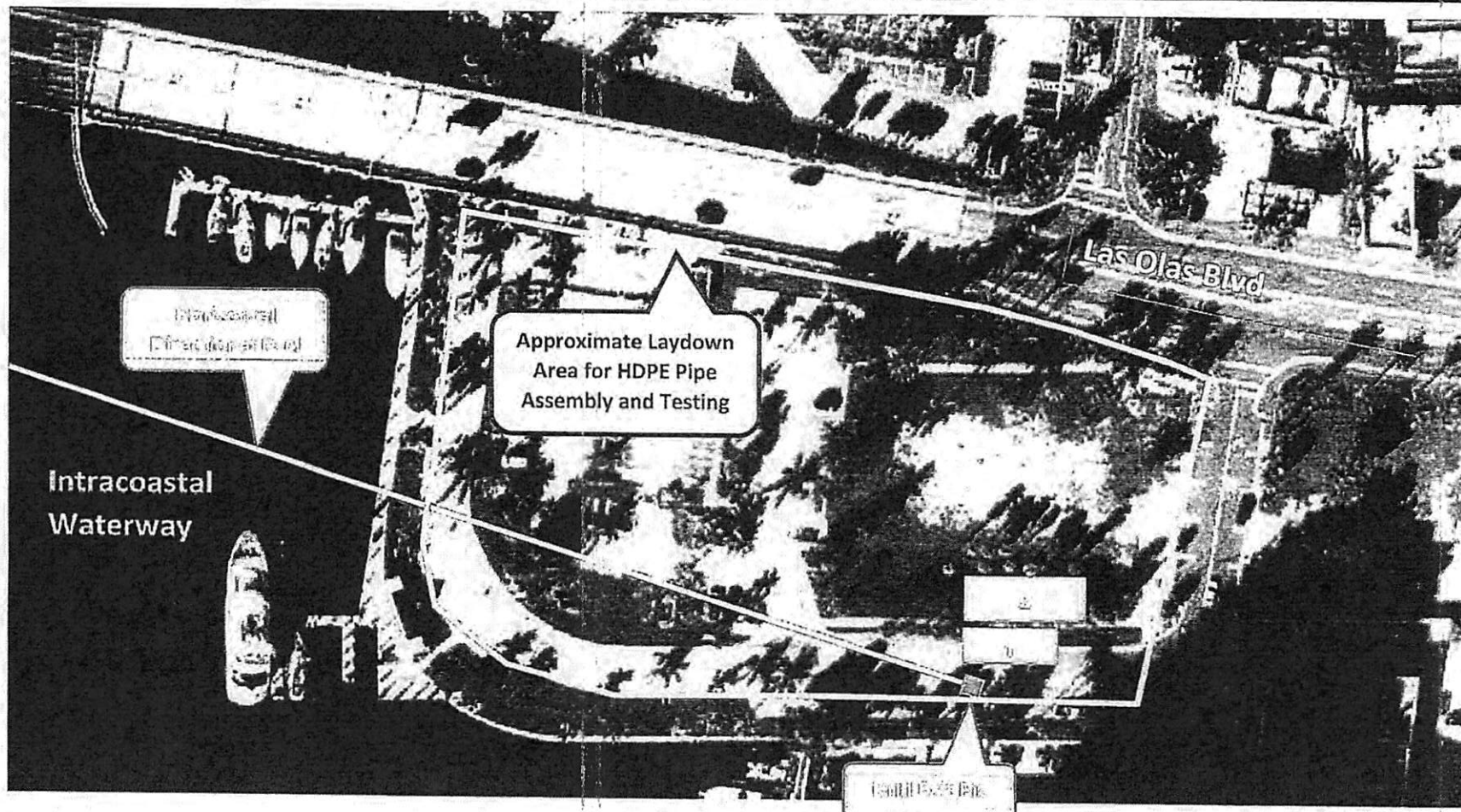
**Hazen**

Approximate Scale  
1" = 50'  
When printed on  
8.5"x11" paper

**Staging Area Conceptual Plan  
Drill Entry Area**

**SKETCH  
SK-1**

EXHIBIT 18  
DEC 18



**Equipment:**

1. Drill Pipe Laydown
2. HDPE Lined Drill Cuttings Holding Pit

**Note:**

1. This plan is provided for conceptual purposes. The actual staging area plan shall be developed by the engineer retained by the design build firm.

**Hazen**

Approximate Scale  
1" = 65'  
When printed on  
8.5"x11" paper

**Staging Area Conceptual Plan  
Drill Exit Area**

**SKETCH  
SK-2**

EXHIBIT "B"  
3 of 18



**Hazen**

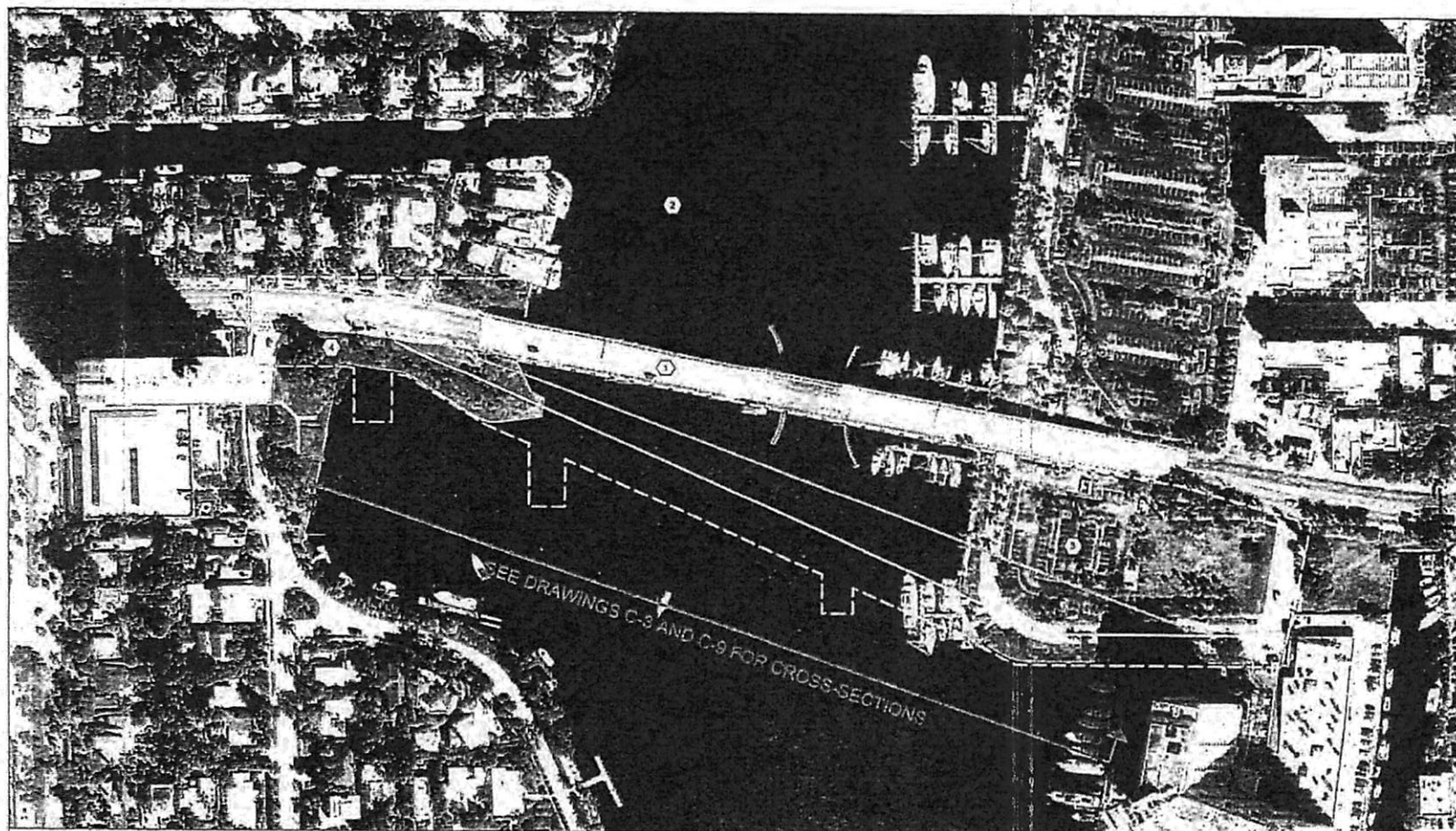
HAZEN AND SAWYER  
4600 HOLLYWOOD BOULEVARD, SUITE 700N  
HOLLYWOOD, FLORIDA 33021  
CERTIFICATE OF AUTHORIZATION NO. 12771

**KEY NOTES**

- ① 1- 40" Ø 100' WDM
- ② 100' Ø 100' WDM
- ③ 100' Ø 100' WDM
- ④ 100' Ø 100' WDM

**LEGEND**

- Proposed 100' Ø 100' WDM
- Proposed 100' Ø 100' WDM
- Proposed 100' Ø 100' WDM
- Proposed 100' Ø 100' WDM



Location Information:  
Township: 50S  
Range: 42E  
Section: 12

City of Fort Lauderdale  
Water Main Relocation and  
New Wastewater Force Main at Las Olas Blvd

HDD CONCEPTUAL PLAN  
Sketch 3

# DRAWING INDEX

D-1	STAGING PLAN
C-1	OVERALL PLAN
C-2	RELOCATION OF 18" WATER MAIN KEY MAP
C-3	RELOCATION OF 18" WATER MAIN
C-4	RELOCATION OF 18" WATER MAIN
C-5	RELOCATION OF 18" WATER MAIN
C-6	RELOCATION OF 18" WATER MAIN
C-7	RELOCATION OF 18" WATER MAIN
C-8	PROPOSED FORCE MAIN KEY MAP
C-9	PROPOSED 18" FORCE MAIN
C-10	PROPOSED 18" FORCE MAIN
C-11	PROPOSED 18" FORCE MAIN
C-12	PROPOSED 18" FORCE MAIN



## CITY OF FORT LAUDERDALE

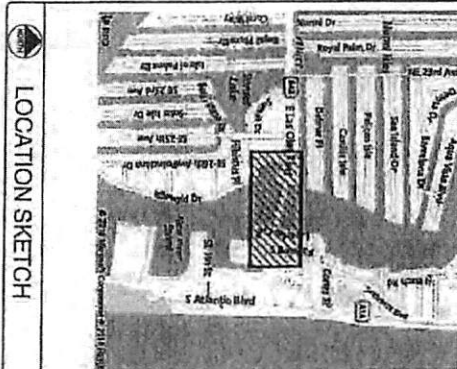
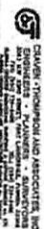
PROJECT #12196

E. LAS OLAS WATER MAIN & FORCE MAIN  
WATER MAIN RELOCATION & FORCE MAIN  
E. LAS OLAS BLVD.  
FORT LAUDERDALE, FLORIDA



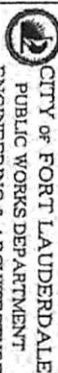
**Hazen**

HAZEN AND SONDHEIMER ASSOCIATES, INC.  
3000 N.W. 107th Avenue, Suite 200, Fort Lauderdale, FL 33309  
Phone: (954) 575-1100, Fax: (954) 575-1101



LOCATION SKETCH

PROJECT #12196  
E. LAS OLAS WATER MAIN & FORCE MAIN  
WATER MAIN RELOCATION & FORCE MAIN  
E. LAS OLAS BLVD.



CITY OF FORT LAUDERDALE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING & ARCHITECTURE  
100 North Andrews Avenue, Fort Lauderdale, Florida 33301

### FORT LAUDERDALE CITY COMMISSION

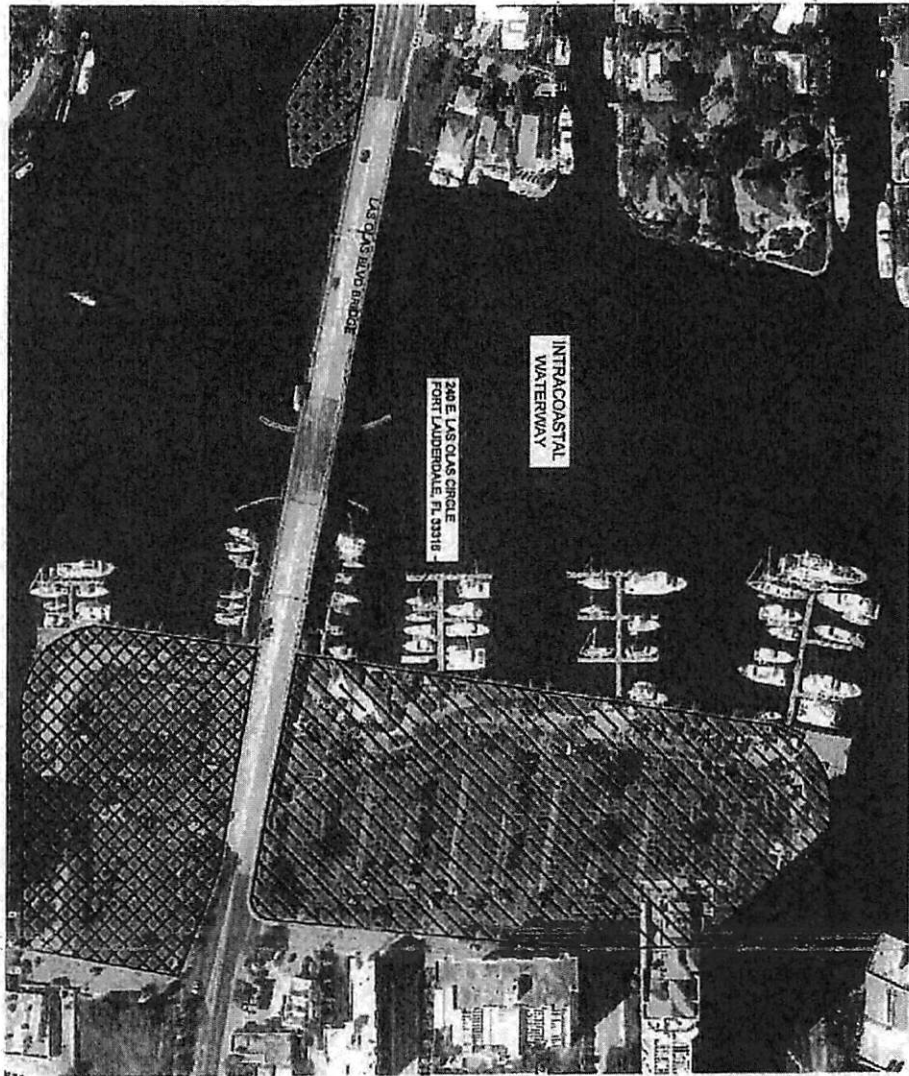
JOHN P. JACK, SEILER MAYOR  
BRUCE G. ROBERTS COMMISSIONER - DISTRICT I  
DEAN L. TRANTALS COMMISSIONER - DISTRICT II  
ROBERT L. MCKENZIE COMMISSIONER - DISTRICT III  
RONNEY ROGERS COMMISSIONER - DISTRICT IV

STEVE ASHLEY ENGINEER  
SCOTT BROWN SENIOR ARCHITECT

DATE: 04/25/07  
DRAWN BY: JAC/KAC  
CHECKED BY: JAC/KAC  
NOT FOR CONSTRUCTION

EXHIBIT "B"  
50F18





STAGING PLAN  
RTS



Hazen

www.hazensawyer.com

HAZEN & SAWYER  
ENGINEERS  
1000 N. W. 10th Ave., Suite 1000  
Fort Lauderdale, FL 33311  
Phone: (954) 575-1100  
Fax: (954) 575-1101

LOCATION INFORMATION:

TOWNSHIP: 50 S  
RANGE: 42 E  
SECTION: 12  
LATITUDE: 26° 07' 0" N  
LONGITUDE: 80° 06' 23" W

NOTED NOTES:

- 1 THE AREA INDICATED IS OWNED BY THE CITY OF FORT LAUDERDALE, CITY PROJECT No. 11900 IS TITLED "LAS OLAS CORRIDOR IMPROVEMENTS". A COPY OF THE CITY OF FORT LAUDERDALE'S RECORDS WILL BE PROVIDED TO THE OWNER UPON REQUEST. THE OWNER WILL PROVIDE A CONSTRUCTION SCHEDULE FOR PROJECT No. 11900 UPON REQUEST.
- 2 THE AREA INDICATED IS OWNED BY THE CITY OF FORT LAUDERDALE. THIS AREA CAN BE USED FOR STAGING THE WORK FOR THE RELOCATION AND THE RAIL BLANK OF THE SUBSTATION'S PERMITS.
- 3 THE AREA INDICATED IS OWNED BY THE CITY OF FORT LAUDERDALE. THIS AREA CAN BE USED FOR STAGING OF THE DIRECTIONAL DRILLING EQUIPMENT.

LEGEND:

- AREA FOR CITY PROJECT No. 11900
- AREA FOR CITY PROJECT No. 11900 AND
- AREA FOR CITY PROJECT No. 12196



NOT FOR CONSTRUCTION OR BID

PROJECT # 12196 RELOCATION OF EX. 16" WM & INSTALLATION OF 16" FM RELOCATION OF 16" WATER MAIN E. LAS OLAS BLVD.	SHEET NO. 1 TOTAL 13 DATE: 07/11/11 DRAWN BY: JAV CHECKED BY: JAV TITLE: 12196
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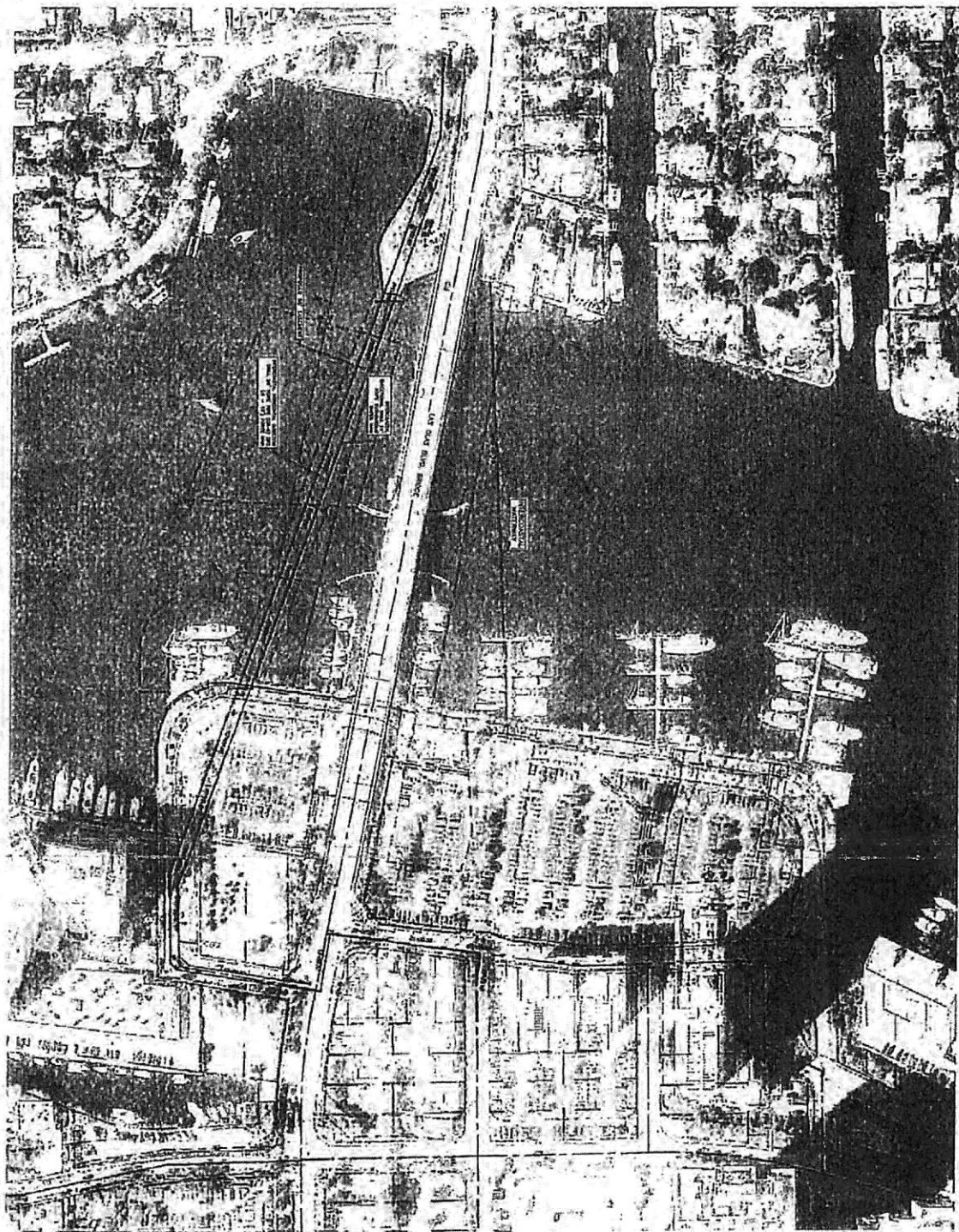
NO.	DATE	BY	CHKD.	REVISION

	CITY OF FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING & ARCHITECTURE	
	(50 North Andrews Avenue, Fort Lauderdale, Florida 33301)	
	DESIGNED BY: GAB	DATE: 02/26/11
	CHECKED BY: PJC	SCALE: NTS

OWNER: LMS	DATE: 02/26/11
DESIGNED BY: GAB	SCALE: NTS
CHECKED BY: PJC	SCALE: NTS
FIELD PHOTO: N/A	SCALE: NTS

DESIGNED BY: GAB	DATE: 02/26/11
CHECKED BY: PJC	SCALE: NTS
FIELD PHOTO: N/A	SCALE: NTS

EXHIBIT "B"  
60F18



NOTE  
THE PURPOSE OF THIS SHEET  
IS TO PROVIDE AN OVERALL  
CONCEPTUAL PLAN OF THE  
PROPOSED FORCE MAIN AND  
WATER MAIN DIRECTION  
DRILLS.



NOT FOR CONSTRUCTION OR BID

PROJECT NO.	C-1
SHEET NO.	12
TOTAL	12
DATE	11-11-01
DESIGNED BY	11-11-01
CHECKED BY	11-11-01
DATE	11-11-01

PROJECT # 12196  
RELOCATION OF EX. 16" WM  
& INSTALLATION OF 16" FM  
OVERALL PLAN  
E. LAS OLAS BLVD.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

**CITY OF FORT LAUDERDALE**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING & ARCHITECTURE

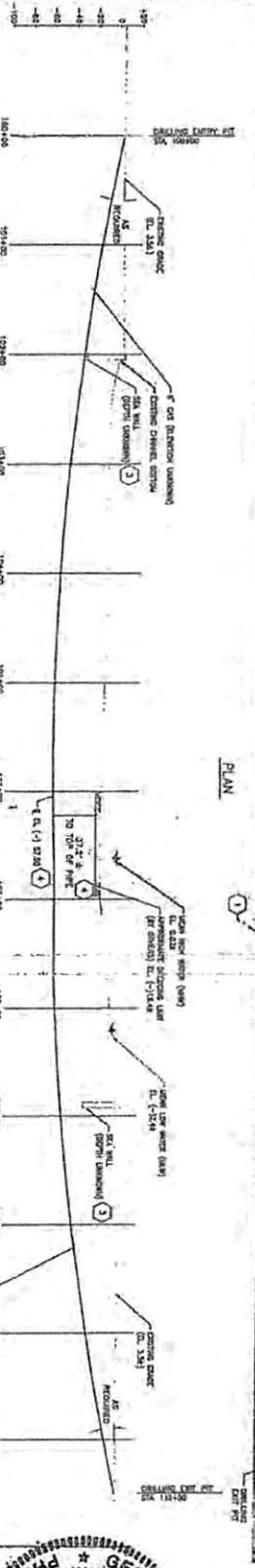
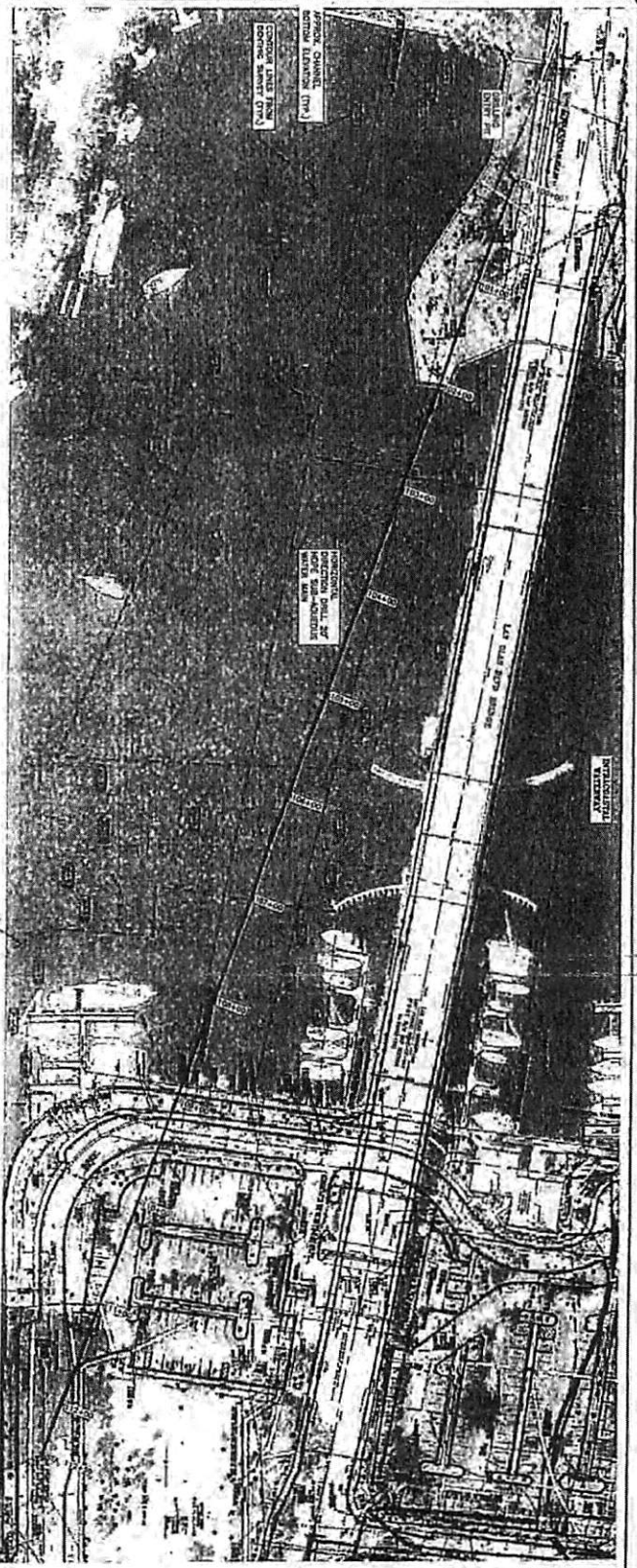
100 North Andrews Avenue, Fort Lauderdale, Florida 33301

STAFF NO.	DATE
DRAWN BY	SCALE
CHECKED BY	1"=50'
FIELD BOOK	

EXHIBIT	16 B
70F18	







- GENERAL NOTES FOR WATER PERMITS**
- 1) ALL EXISTING ARE IN WATER.
  - 2) THE EXISTING WATER MAIN IS 30" DIAMETER AND 12" DEEP.
  - 3) THE EXISTING WATER MAIN IS 30" DIAMETER AND 12" DEEP.
  - 4) THE EXISTING WATER MAIN IS 30" DIAMETER AND 12" DEEP.
  - 5) THE EXISTING WATER MAIN IS 30" DIAMETER AND 12" DEEP.

- NOTED NOTES:**
- 1) THE EXISTING WATER MAIN IS 30" DIAMETER AND 12" DEEP.
  - 2) THE EXISTING WATER MAIN IS 30" DIAMETER AND 12" DEEP.
  - 3) THE EXISTING WATER MAIN IS 30" DIAMETER AND 12" DEEP.
  - 4) THE EXISTING WATER MAIN IS 30" DIAMETER AND 12" DEEP.
  - 5) THE EXISTING WATER MAIN IS 30" DIAMETER AND 12" DEEP.

- LEGEND:**
- EXISTING
  - PROPOSED
  - PROPOSED
  - PROPOSED
  - PROPOSED

NOT FOR CONSTRUCTION

PROJECT #	12
RELOCATION	16
INSTALLATION	16
RELOCATION OF WATER MAIN	16
E. LAS OLAS BLVD	16

PROJECT #	12
RELOCATION	16
INSTALLATION	16
RELOCATION OF WATER MAIN	16
E. LAS OLAS BLVD	16

PROJECT #	12
RELOCATION	16
INSTALLATION	16
RELOCATION OF WATER MAIN	16
E. LAS OLAS BLVD	16

PROJECT #	12
RELOCATION	16
INSTALLATION	16
RELOCATION OF WATER MAIN	16
E. LAS OLAS BLVD	16

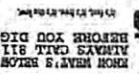
PROJECT #	12
RELOCATION	16
INSTALLATION	16
RELOCATION OF WATER MAIN	16
E. LAS OLAS BLVD	16

PROJECT #	12
RELOCATION	16
INSTALLATION	16
RELOCATION OF WATER MAIN	16
E. LAS OLAS BLVD	16

PROJECT #	12
RELOCATION	16
INSTALLATION	16
RELOCATION OF WATER MAIN	16
E. LAS OLAS BLVD	16

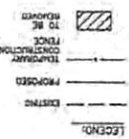
PROJECT #	12
RELOCATION	16
INSTALLATION	16
RELOCATION OF WATER MAIN	16
E. LAS OLAS BLVD	16

EXHIBIT "B"  
90F18

[illegible]

SLN

7	REVIEW THE REPORT
6	REVIEW & CONFIRM
5	REVIEW THE REPORT
4	REVIEW THE REPORT
3	REVIEW THE REPORT
2	REVIEW THE REPORT
1	REVIEW THE REPORT



KEY MAP

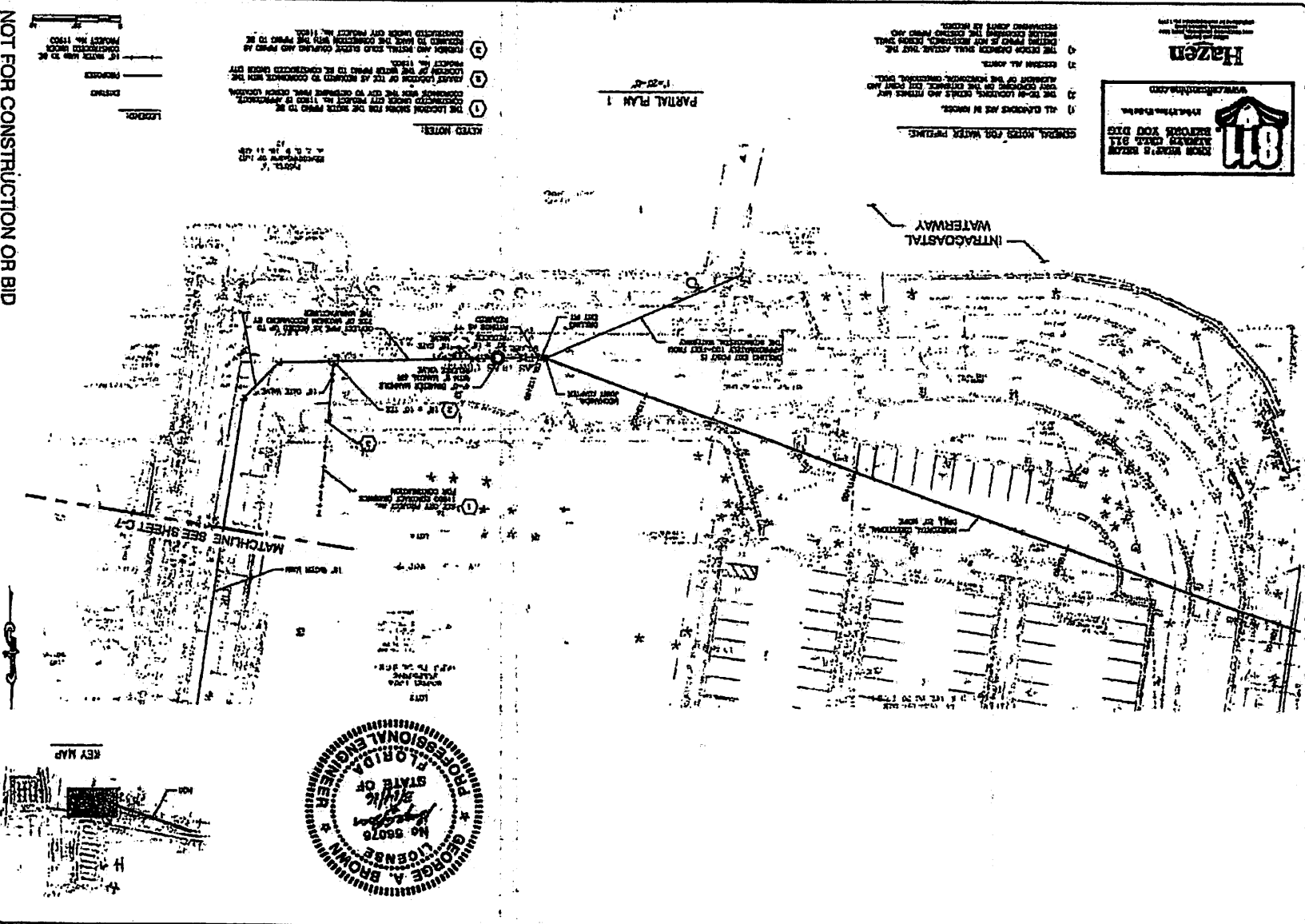
100718



**Hazen**  
 ENGINEERS  
 811  
 1700 W. 10th Ave.  
 DENVER, CO 80202  
 (303) 733-1111  
 WWW.HAZENENGINEERS.COM

- GENERAL NOTES FOR WATER PERMITS:**
- 1) ALL DRAINAGE ARE IN HOUSES.
  - 2) THE 10-10 LOCATIONS, CREEKS AND RIVERS ARE NOT LOCATED BY THE DISTRICT, BUT POINT AND ARE LOCATED BY THE DISTRICT, COUNCIL, DIST.
  - 3) DESIGN AT 10-10.
  - 4) THE DESIGN DRAINAGE SHALL BE THE DISTRICT DRAINAGE AND NOT THE DISTRICT DRAINAGE.
  - 5) THE DESIGN DRAINAGE SHALL BE THE DISTRICT DRAINAGE AND NOT THE DISTRICT DRAINAGE.

**PARTIAL PLAN 1**



**NOT FOR CONSTRUCTION OR BID**

**PROJECT # 12186**  
 RELOCATION OF EX. 18" WM  
 & INSTALLATION OF 18" FM  
 RELOCATION OF 18" WATER MAIN  
 E. LAS OLAS BLVD.

**CITY OF FORT LAUDERDALE**  
 PUBLIC WORKS DEPARTMENT  
 ENGINEERING & ARCHITECTURE  
 100 South Andrews Avenue, Fort Lauderdale, Florida 33301

**EXHIBIT 12**  
 12 OF 16



**Hazen**  
ENGINEERING



- GENERAL NOTES AND OTHER PRESENT:**
1. ALL DIMENSIONS ARE IN FEET AND INCHES.
  2. EXISTING AND PROPOSED LINES ARE SHOWN.
  3. THE CITY OF FORT LAUDERDALE, FLORIDA, HAS REVIEWED THIS PLAN AND APPROVES IT FOR THE CITY'S USE.
  4. THE CITY OF FORT LAUDERDALE, FLORIDA, HAS REVIEWED THIS PLAN AND APPROVES IT FOR THE CITY'S USE.

PARTIAL PLAN 2

MATCHLINE SEE SHEET C-6

LAS OLAS BLVD



NOT FOR CONSTRUCTION OR BID

PROJECT # 12198	RELOCATION OF EX. 16" WM & INSTALLATION OF 16" FM
RELOCATION OF 16" WATER MAIN	E. LAS OLAS BLVD.

NO.	DATE	BY	CHKD	DESCRIPTION

	CITY OF FORT LAUDERDALE	
	PUBLIC WORKS DEPARTMENT	
ENGINEERING & ARCHITECTURE		
(100 North Andrews Avenue, Fort Lauderdale, Florida 33301)		

DESIGNED BY	DATE
CHECKED BY	DATE
SCALE	1"=40'

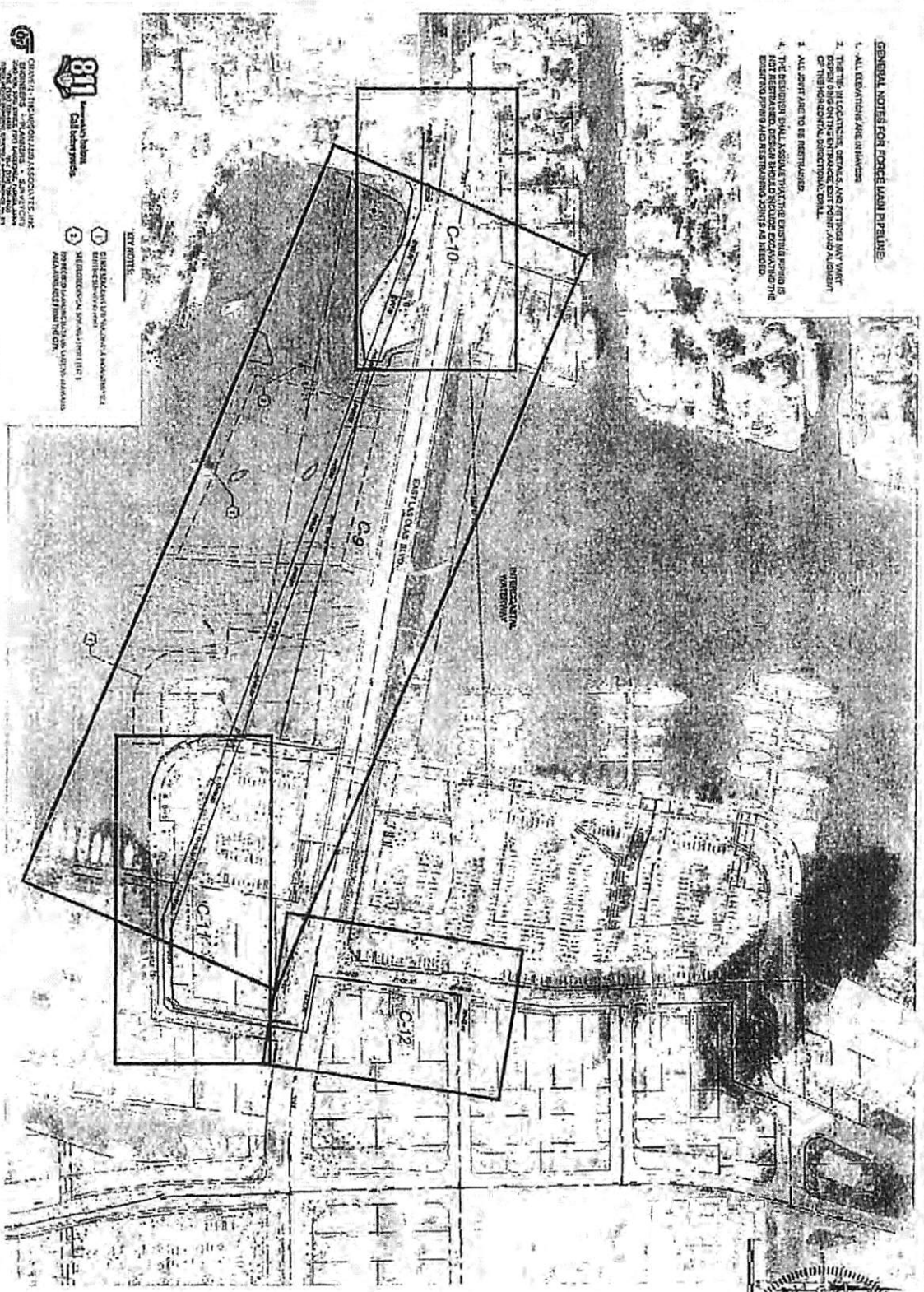
APPROVED BY	DATE
CITY ENGINEER	DATE

EXHIBIT B

13aF18

**GENERAL NOTES FOR FORCE MAIN PIPELINE**

1. ALL ELEVATIONS ARE IN FEET.
2. THE PIPE IS LOCATED, DEPTH, AND FITTINGS MAY VARY FROM THE EXISTING EX. POINT AND ALIGNMENT OF THE HIGH CENTRAL CONDUIT.
3. ALL JOINTS ARE TO BE REINFORCED.
4. THE EXISTING DRAINAGE SYSTEM THAT THE EXISTING PIPING IS TO BE REINFORCED AND RESTRAINED JOINTS AS REQUIRED.



**811**  
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**CHARTERED PROFESSIONAL ENGINEER**  
STATE OF FLORIDA  
No. 12196  
JAMES M. HARRIS, P.E.  
1000 N. W. 10th Ave., Suite 1000  
Fort Lauderdale, FL 33304  
(954) 575-1111

**KEY NOTES:**

- 1. EXISTING FORCE MAIN LINE SHALL BE RELOCATED TO THE PROPOSED ALIGNMENT.
- 2. EXISTING FORCE MAIN LINE SHALL BE RELOCATED TO THE PROPOSED ALIGNMENT.
- 3. EXISTING FORCE MAIN LINE SHALL BE RELOCATED TO THE PROPOSED ALIGNMENT.

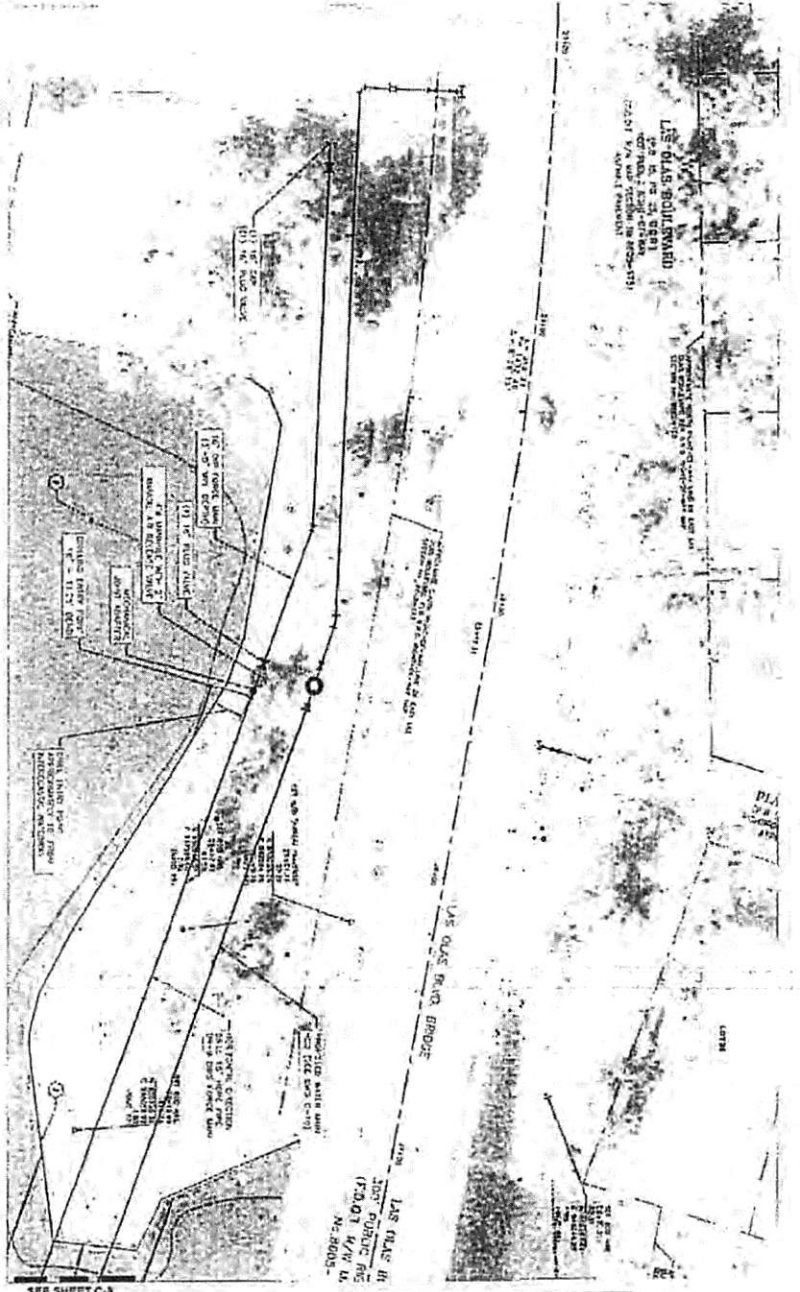
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<b>PROJECT # 12196</b> <b>RELOCATION OF EX. 16" WM</b> <b>&amp; INSTALLATION OF 16" FM</b> <b>PROPOSED FORCE MAIN KEY MAP</b> <b>E. LAS OLAS BLVD.</b>	<b>REVISIONS</b> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	BY	DESCRIPTION													<b>CITY OF FORT LAUDERDALE</b> <b>PUBLIC WORKS DEPARTMENT</b> <b>ENGINEERING &amp; ARCHITECTURE</b> 100 North Andrews Avenue, Fort Lauderdale, Florida 33301	<b>STATE OF FLORIDA</b> No. 12196 JAMES M. HARRIS, P.E. 1000 N. W. 10th Ave., Suite 1000 Fort Lauderdale, FL 33304 (954) 575-1111
	NO.	DATE	BY	DESCRIPTION																
<b>C-8 12</b> 12/12/2018 12/12/2018	<b>EXHIBIT 66B</b> <b>14 OF 18</b>																			



**18**

CONTRACT NO. 12198  
 PROJECT NO. C-10  
 SHEET NO. 18 OF 18

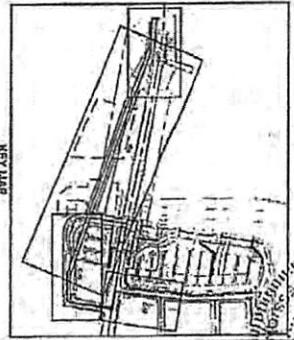


- GENERAL NOTES FOR WATER MAINS:**
1. ALL NEW 16\"/>

- FIELD NOTES:**
1. RELOCATION OF EX. 16\"/>

**LEGEND:**

EXISTING WATER MAIN  
 PROPOSED WATER MAIN  
 EXISTING SANITARY SEWER  
 PROPOSED SANITARY SEWER  
 EXISTING STORM SEWER  
 PROPOSED STORM SEWER

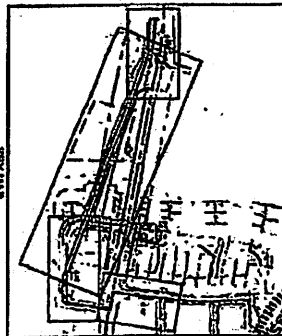
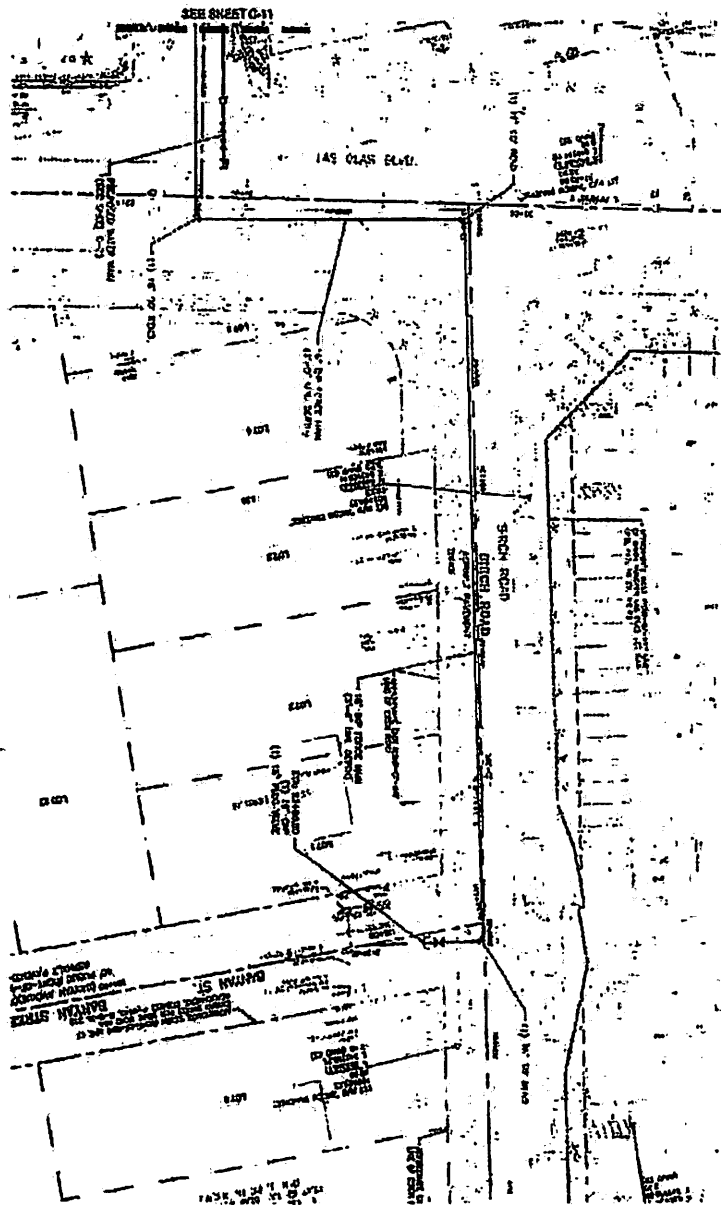
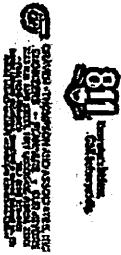


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CITY OF FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING & ARCHITECTURE 100 North Andrews Avenue, Fort Lauderdale, Florida 33301	PROJECT # 12198 RELOCATION OF EX. 16" WM & INSTALLATION OF 16" FM PROPOSED 16" FORCE MAIN E. LAS OLAS BLVD.	SHEET NO. C-10 OF 12	DATE 12/12/11 BY [Signature] CHECKED [Signature] APPROVED [Signature]	16 OF 18
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- GENERAL NOTES:**
1. SEE SHEET C-11 FOR EXISTING CONDITIONS.
  2. ALL NEW WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND THE FDOT STANDARD SPECIFICATIONS FOR WATERWAY CONSTRUCTION.
  3. THE PROPOSED 16" FORCE MAIN SHALL BE INSTALLED AT A MINIMUM COVER OF 4'-0" BELOW FINISHED GROUND SURFACE.
  4. THE PROPOSED 16" FORCE MAIN SHALL BE INSTALLED IN A TRENCH 24" WIDE BY 24" DEEP.
  5. THE PROPOSED 16" FORCE MAIN SHALL BE INSTALLED IN A TRENCH 24" WIDE BY 24" DEEP.
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NOT FOR CONSTRUCTION OR BID

<b>PROJECT # 12186</b> <b>RELOCATION OF EX. 16" WM</b> <b>&amp; INSTALLATION OF 16" FM</b> <b>PROPOSED 16" FORCE MAIN</b> <b>E. LAS OLAS BLVD.</b>	<b>REVISIONS</b> <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>CHKD.</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>				NO.	DATE	BY	CHKD.	DESCRIPTION																					<b>CITY OF FORT LAUDERDALE</b> <b>PUBLIC WORKS DEPARTMENT</b> <b>ENGINEERING &amp; ARCHITECTURE</b> <small>200 North Andrews Avenue, Fort Lauderdale, Florida 33301</small>	<b>STATE OF FLORIDA</b> <b>DEPARTMENT OF TRANSPORTATION</b> <b>DESIGN DIVISION</b> <b>DESIGN NO. 12186</b> <b>DATE 08/11/11</b>	<b>EXHIBIT "B"</b> <b>180F18</b>
	NO.	DATE	BY	CHKD.	DESCRIPTION																											
<b>C-12/12</b>																																