


Murphy Pipeline Contractor

Bid Contact **Richard Crow**
richardc@murphypipelines.com
Ph 954-254-7898

Address **5400 S. University Drive**
Suite 301
Fort Lauderdale, FL 33328

Bid Bond  **Bid Bond icon** (Status: A bond with the supplied vendor id was not found)

Bid Notes **Bond has been included within the package.**

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch. Docs
12470-416-01-01	RE-BID Design Build Pump Station B-4 Redundant Force Main	Supplier Product Code:	First Offer - \$2,687,989.00	1 / lot	\$2,687,989.00 Y Y

Supplier Total **\$2,687,989.00**

Bid Bond from

Surety

Bid Bond Number

Bond Type

Bond Form

Bid Date

Bid ID

Security Percent %

Job Description

Agency ID

Name

Address , , ,

Phone

Contact Name

Bond Status

Execution Date

Contractor ID

Name

Contractor Tax ID

Assigned Contractor ID

Address , , ,

Phone

Name

Address , , ,

Surety ID

Name

NAIC Number

State of Incorporation

Contact

Address , , ,
Phone
Terror Rider

Murphy Pipeline ContractorItem: **RE-BID Design Build Pump Station B-4 Redundant Force Main****Attachments**

RFP12470-416 Re-Bid Design-Build Pump Station B-4 Redundant FM, P12567, Conceptual Plans - MPC.pdf

RFP12470-416 Re-Bid Design-Build Pump Station B-4 Redundant FM, P12567,SOV - MPC.xlsx

RFP12470-416 Re-Bid Design-Build Pump Station B-4 Redundant FM, P12567 - MPC.pdf

2/22/2021

FORT LAUDERDALE, FLORIDA



CITY OF FORT LAUDERDALE
PUBLIC WORKS DEPARTMENT
ENGINEERING & ARCHITECTURE

FORT LAUDERDALE CITY COMMISSION

PROJECT MANAGER	JOB TITLE	PHONE NO.
KRISHAN KANDIAL, PE	PROJECT MANAGER II	954-828-4019

DATE: 10/6/20

CAD FILE: 12567-G01-COVR

DRAWING FILE No.: #####

CONCEPTUAL LAYOUT

LINETYPES	SYMBOLS, LEGEND AND HATCH PATTERNS				SECTION AND DETAIL IDENTIFICATION		
<u>COMMUNICATION, CABLE TV, TELEPHONE:</u> —COM(CT)— COMCAST LINES —COM OH— COMMUNICATIONS —COM(CC)— CROWN CASTLE LINES —COM(FD)— FIBERNET DIRECT LINES —COM(L3)— LEVEL 3 LINES —GPS OH— GPG LINES —UGT— UNDERGROUND TELEPHONE LINES —OHT— OVERHEAD TELEPHONE LINES <u>ELECTRIC LINES:</u> —X-X ELEC— ELECTRIC DUCT (X-X = WIRES/GUAGE) —UGE— UNDERGROUND ELECTRIC LINES —OHE— OVERHEAD ELECTRIC LINES <u>OTHERS LINES:</u> —GAS— GAS MAIN (SIZE UNKNOWN) —X" GAS— GAS MAIN (SIZE) —AIR— UNDERGROUND AIR LINE —FM— SANITARY FORCE MAIN (SIZE UNKNOWN) —X" FM— SANITARY FORCE MAIN (SIZE) —X" PVC FM— SANITARY FORCEMAIN (SIZE/MATERIAL) —SAN— SANITARY GRAVITY (SIZE UNKNOWN) —X" SAN— SANITARY GRAVITY MAIN (SIZE) —X" PVC SAN— SANITARY GRAVITY (SIZE/MATERIAL) —SD— STORM DRAINAGE (SIZE UNKNOWN) —X" SD— STORM DRAINAGE (SIZE) —X" PVC SD— STORM DRAINAGE (SIZE/MATERIAL) —WM— WATER MAIN (SIZE UNKNOWN) —X" WM— WATER MAIN (SIZE) —X" DIP WM— WATER MAIN (SIZE/MATERIAL) —OHW— OVER HEAD WIRES (TYPE UNKNOWN) —UNK UG— UNDERGROUND LINE (TYPE UNKNOWN) · / / / / · ABANDONED · X X X X X · DEMOLISHED ——— EXISTING ——— PROPOSED PROPOSED PIPELINE (DOUBLE LINE IF SCALE OF DRAWING PERMITS) - - - - - PLASTIC FENCE - - - - - WOODEN FENCE - - - - - WROUGHT IRON FENCE —X-X-X-X— CHAIN LINK FENCE —□-□-□— BOARD FENCE —— · —— PROPERTY LINE —— - —— EASEMENT LINE	<u>LANDSCAPING SYMBOLS:</u> PALM TREE SHADE TREE PINE TREE CACTUS HEDGE VEGETATION BUSH UNKNOWN TREE <u>LEGEND:</u> AIR CONDITIONING UNIT AIR RELEASE VALVE AIR VALVE MANHOLE ANCHOR BACK FLOW PREVENTER BASKET BALL HOOP BBQ GRILL BLOW-OFF VALVE BOAT ANCHOR CLEAT • BOLLARD ○ BUILDING COLUMN/PILE ○ CATV PEDESTAL CATCH BASIN CATCH BASIN INLET CLEAN OUT COMMUNICATION MANHOLE COMMUNICATION VAULT CONCRETE LIGHT POLE CONCRETE POST CONCRETE POWER POLE CONTOUR LINE ELEVATION CROSS FITTING CURB INLET DECORATIVE/YARD LIGHT POLE DETECTOR CHECK VALVE DOUBLE DETECTOR CHECK VALVE ELECTRIC BOX ELECTRIC MANHOLE ELECTRICAL METER ELECTRIC METER/SERVICE ELECTRICAL OUTLET ELECTRICAL PEDESTAL ELECTRICAL PULL BOX ELECTRICAL VAULT x EXISTING SPOT ELEVATION	<u>LEGEND CONT:</u> FIRE HYDRANT ○ FIBER OPTIC PEDESTAL FLAG POLE FORCE MAIN VALVE GAS FUEL CAP GAS MARKER GAS METER GAS VALVE GAS WELL GATE CONTROL BOX GREASE TRAP MH GUY ANCHOR AND WIRE HOSE BIBB IRRIGATION CONTROL VALVE LIFT STATION LIFT STATION CAN LIGHT POLE LINESTOP LP GAS TANK MAILBOX MAIL DROP BOX ○ MANHOLE MARKER POST METAL LIGHT POLE MONITORING WELL OUTFALL PARK BENCH PEDESTRIAN SIGNAL ○ PILE PIN FLAG PIPE MATERIAL CHANGE PARKING LIGHT 1 BULB PARKING LIGHT 1 BULB PARKING LIGHT 2 BULBS PARKING LIGHT 2 BULBS PARKING LIGHT 3 BULBS PARKING LIGHT 3 BULBS PARKING LIGHT 4 BULBS PARKING LIGHT 4 BULBS PARKING METER PARKING METER (DOUBLE) PLUG POST INDICATOR VALVE REDUCER ROOF DRAIN	<u>LEGEND CONT:</u> RAILROAD CROSSING GATE REDUCER FITTING SANITARY CLEAN OUT SANITARY MANHOLE SANITARY WYE LATERAL SIAMESE VALVE SIGN SIGN DOUBLE POST SPOT-FLOOD LIGHT SPRINKLER HEAD SOIL BORING SQUARE COLUMN STEEL I-BEAM STORM CLEAN OUT STORM MANHOLE STORM DRAINAGE VAULT TEE FITTING TELEPHONE BOOTH TELEPHONE JUNCTION BOX TELEPHONE MANHOLE TELEPHONE PEDESTAL TELEPHONE PULL BOX TELEPHONE VAULT TEST EXCAVATION LOCATION TEST HOLES TOWER TRAFFIC CAMERA TRAFFIC CONTROL TRAFFIC POLE TRAFFIC PULL BOX TRAFFIC SIGNAL BOX TRAFFIC SIGNAL POLE TRANSFORMER PAD TRASH CAN TRASH CAN UNKNOWN MANHOLE VALLEY CURB INLET VALVE BOX VALVE PIPE WATER MANHOLE WATER METER WATER METER WATER METER (DOUBLE) WATER PUMP	<u>LEGEND CONT:</u> WATER VALVE WATER VAULT WATER WELL WOOD POST WOOD LIGHT POLE WOOD TELEPHONE POLE WOOD POWER POLE YD YARD DRAIN <u>CONTROL LEGEND:</u> AERIAL TARGET BENCH MARK DRILL HOLE HUB & TACK IRON PIPE IRON ROD NAIL&TAB PERMANENT REFERENCE MONUMENT PERMANENT REFERENCE MONUMENT NAIL&TAB PKNAIL&SPIKE QUARTER SECTION CORNER SECTION CORNER x EXISTING SPOT ELEVATION x x x PROPOSED SPOT ELEVATION <u>HATCH LEGEND:</u> PERMEABLE PAVEMENT GRASSY SWALE EXFILTRATION TRENCH POROUS PAVEMENT CONTRACTOR STAGING AREA CONCRETE PAVER BRICKS GRAVEL TYPE A PAVING TYPE B PAVING DEMOLITION AREA GRADING DIRECTION	<u>SECTION IDENTIFICATION</u> A. SECTION CUT ON DRAWING C-1 SECTION LETTER DRAWING ON WHICH SECTION APPEARS. B. ON DRAWING C-2 THIS SECTION IS IDENTIFIED AS: SECTION LETTER DRAWING FROM WHICH SECTION WAS TAKEN.	<u>DETAIL IDENTIFICATION</u> A. NON STANDARD DETAIL CALL-OUT ON DRAWING: XXXX DETAIL NAME DETAIL NUMBER DRAWING ON WHICH DETAIL APPEARS. B. CITY STANDARD DETAIL CALL-OUT ON DRAWING: XXXX DETAIL NAME DETAIL STRM-XXXX	<u>GENERAL NOTES:</u> (1) ELECTRICAL SYMBOLS SHOWN ON ELECTRICAL SHEETS. (2) FOR WELDING SYMBOLS USE AMERICAN WELDING SOCIETY STANDARD SYMBOLS. * DENOTES DIMENSIONS OR ELEVATIONS DEPENDENT ON EQUIPMENT SUPPLIED.

CONCEPTUAL LAYOUT

DESIGN-BUILDER

MPC

Murphy Pipeline

Contractors, Inc.
South Florida Office
5400 S. University Drive, Ste #301
Davie, FL 33328
954.842.4771
www.murphypipelines.com
www.swagelining.com
CUC1223787

cma

chen moore and associates

500 West Cypress Creek Road,
Suite 630
Ft. Lauderdale, FL 33309
954.730.0707
www.chenmoore.com

CITY PROJECT # 12567
PUMP STATION B-4
REDUNDANT FORCE MAIN

SYMBOLS

DRAWING #	SHT #
G03	03
TOTAL:	17
CAD FILE:	
12567-G03-LEGN	
DRAWING FILE NO.	
4-141-91	

DRAWN BY:	DATE:	DESIGNED BY:	SCALE:	CHECKED BY:	FIELD BOOK
TN	10/6/20	DC	#	DD	#

CITY OF FORT LAUDERDALE
PUBLIC WORKS DEPARTMENT
ENGINEERING & ARCHITECTURE

100 North Andrews Avenue, Fort Lauderdale, Florida 33301

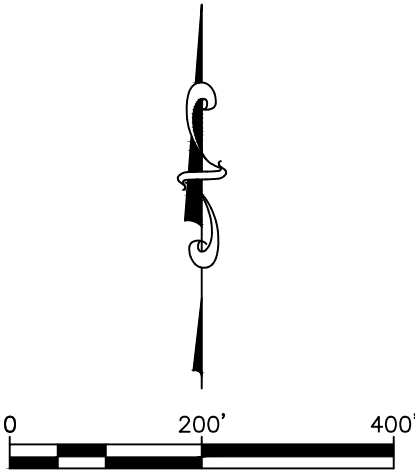
ENGINEER:
DANIEL DAVILA, P.E.
REG. No: 63014
DATE:

TEL: 954.730.0707
FAX: 954.730.2030

- BidSync

CAM 21-0345
Exhibit 8

500 West Cypress Creek Road,
Suite 630
Ft. Lauderdale, FL 33309
954.730.0707
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Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

VERTICAL DATUM INFORMATION
ALL ELEVATIONS SHOWN ARE IN NORTH
AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CONVERSION FACTOR:
NAVD88 + 1.58 = NGVD29 IN THIS AREA

DESIGN-BUILDER
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CONCEPTUAL LAYOUT

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

REVISIONS		DESCRIPTION	
NO.	DATE	BY	CHKD

CITY PROJECT # 12567
PUMP STATION B-4
REDUNDANT FORCE MAIN
KEY MAP

DRAWING #	SHT #
C00	05
TOTAL:	17
CAD FILE:	12567-C00-KMAP
DRAWING FILE NO.	4-141-91

ENGINEER: **DANIEL DAVILA, P.E.**
REG. NO: 63014
DATE:

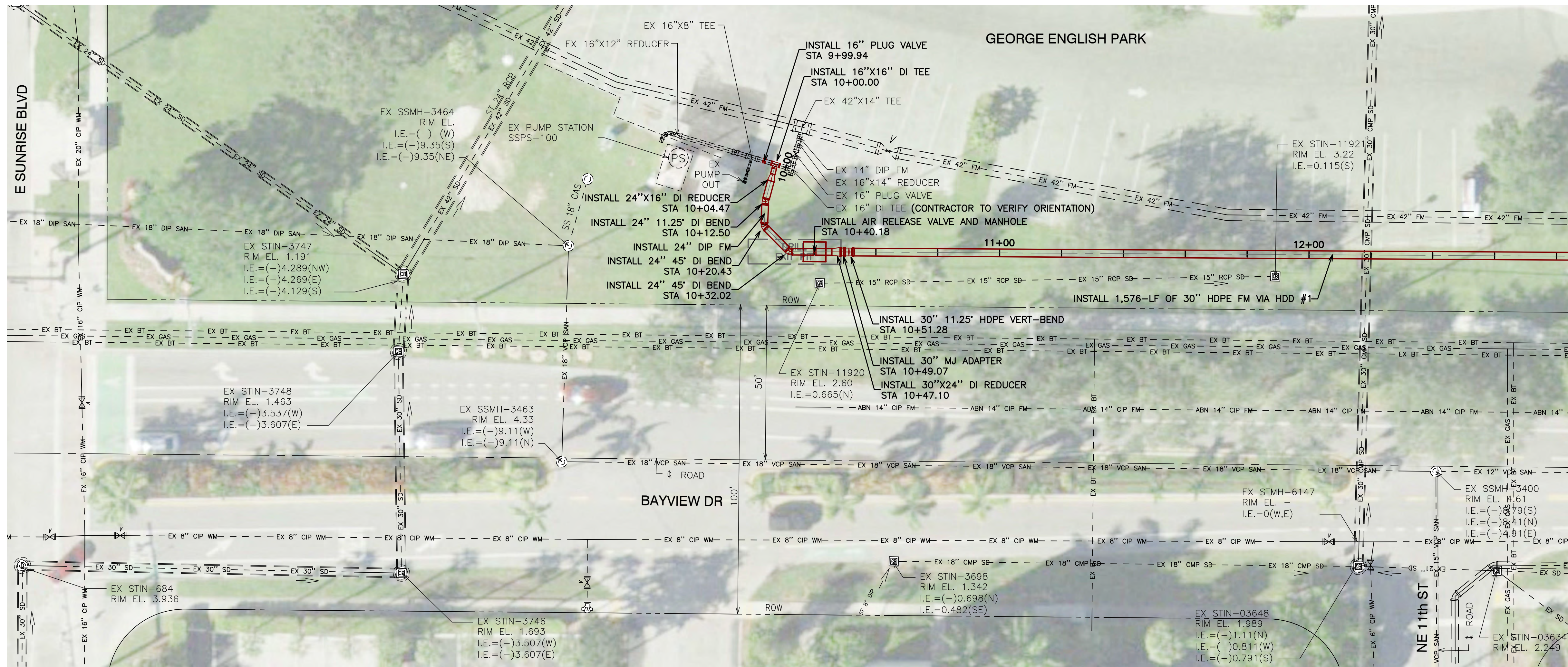
DRAWN BY:	DATE:
TN	10/6/20
DESIGNED BY:	SCALE:
DC	#
CHECKED BY:	#
DD	#
FIELD BOOK	#

TEL: 954.730.0707
FAX: 954.730.2030

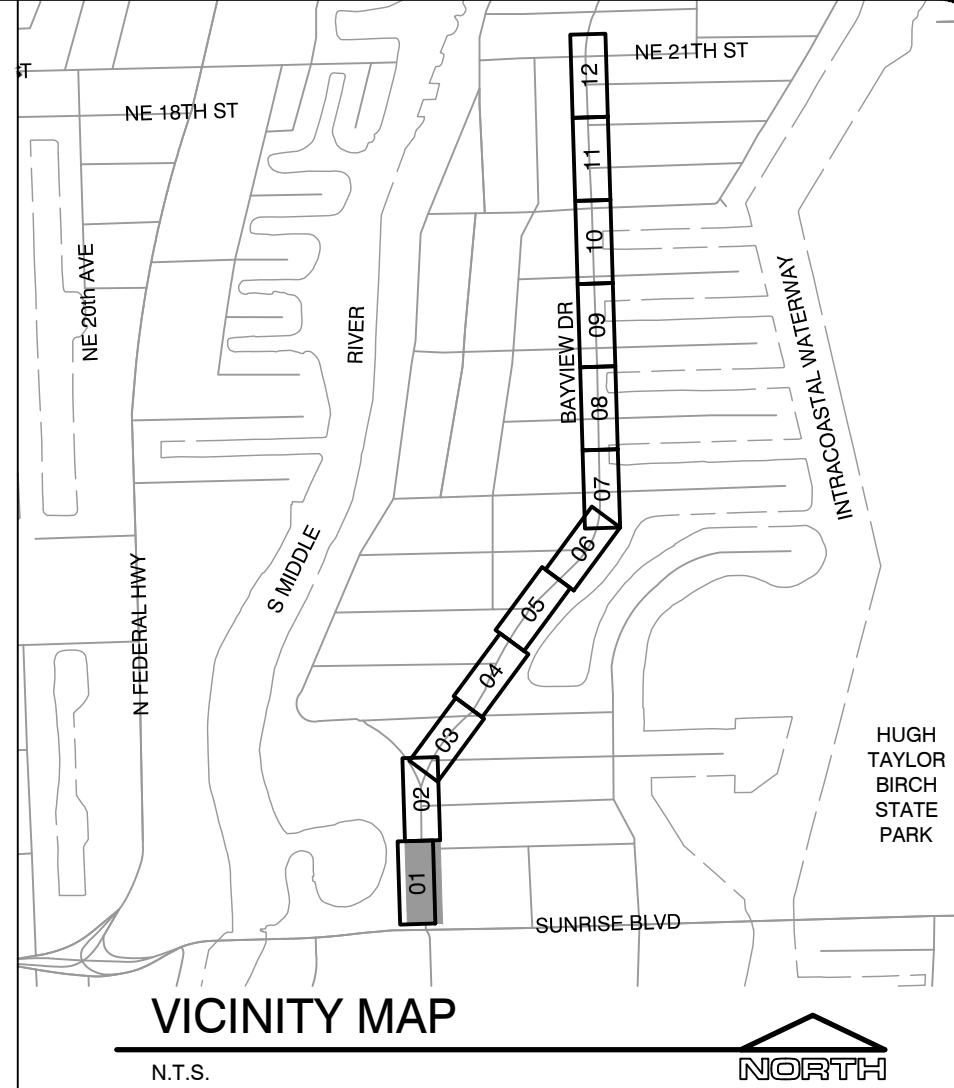
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MATCHLINE SEE DRAWING NO. FM02



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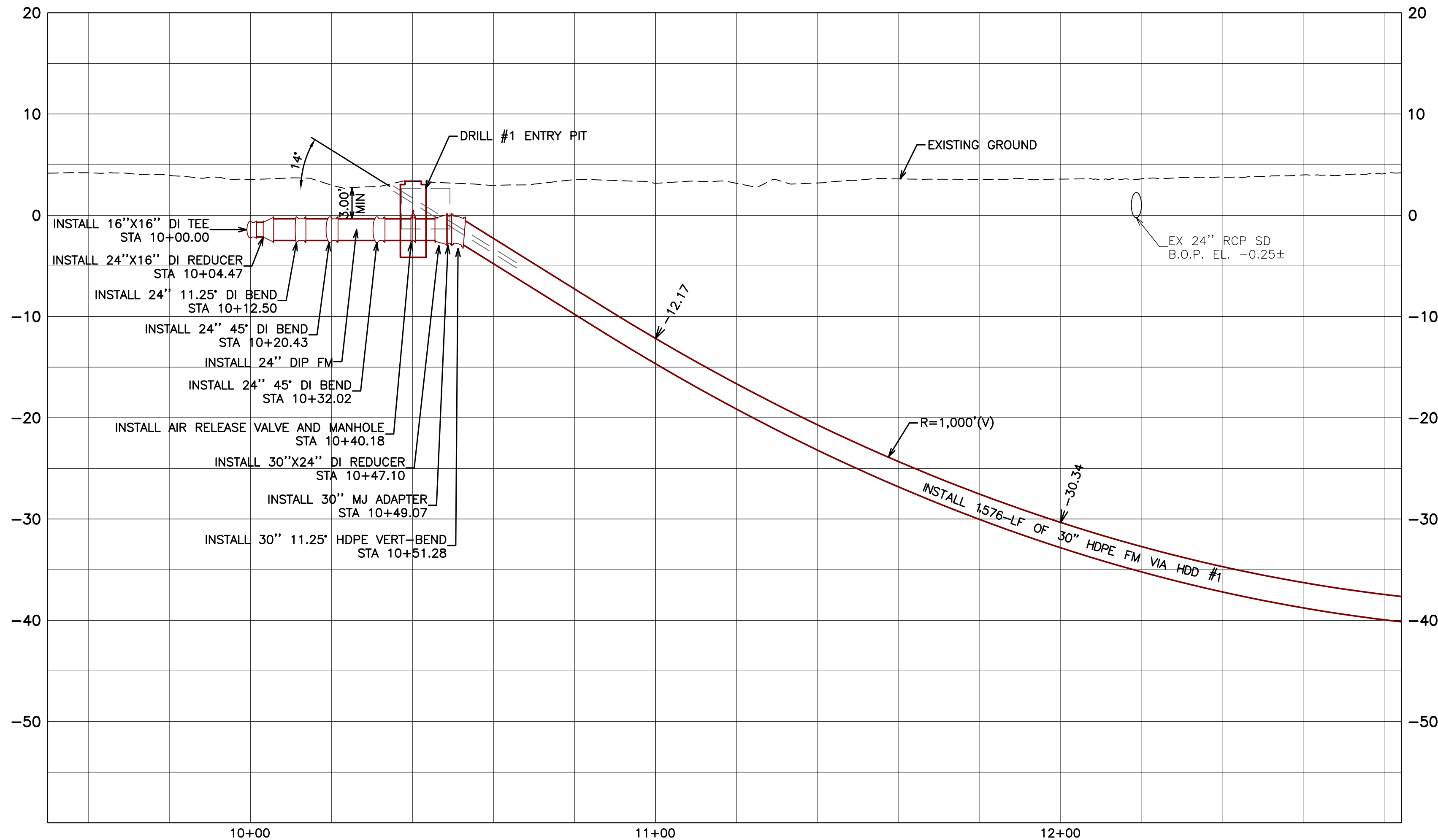
CITY OF FORT LAUDERDALE
PUBLIC WORKS DEPARTMENT
ENGINEERING & ARCHITECTURE
100 North Andrews Avenue, Fort Lauderdale, Florida 33301

ENGINEER: DANIEL DAVILA, P.E.
REG. NO.: 63014
DATE:

DRAWN BY: TN
DATE: 10/6/20
DESIGNED BY: DC
SCALE: #
CHECKED BY: DD
FIELD BOOK: #

PROPOSED FORCE MAIN CENTERLINE PROFILE

SCALE: 1"=20' HORZ | 1"=8' VERT



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

Check positive response codes before you dig!

VERTICAL DATUM INFORMATION
ALL ELEVATIONS SHOWN ARE IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
CONVERSION FACTOR:
NAVD88 + 1.58 = NGVD29 IN THIS AREA

NOTES:

1. CONTRACTOR MUST EXERCISE EXTREME CARE TO AVOID DAMAGE OR DISRUPTIONS TO ANY EXISTING UTILITIES. ALL LOCATIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BEFORE STARTING CONSTRUCTION. CONSTRUCTION SHALL PROTECT AND SUPPORT ALL EXISTING STRUCTURES AFFECTED BY THE PROJECT. IF UPON EXCAVATION, AN EXISTING UTILITY IS FOUND TO BE IN DISCREPANCY WITH THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD, IN WRITING, BEFORE PROCEEDING WITH THE WORK. CONTRACTOR TO USE RESTRAINED JOINTS FOR ALL PROPOSED CONNECTIONS.
2. A HORIZONTAL SEPARATION OF 6' MINIMUM SHALL ALWAYS BE ENFORCED WHENEVER THE FORCEMAIN IS LESS THAN 18" BELOW THE WATERMAIN.
3. CONTRACTOR TO PROVIDE PEDESTRIAN ACCESS TO ALL PROPERTIES AT ALL TIMES.
4. ALL DIP TO BE RESTRAINED.

CONCEPTUAL LAYOUT

CITY PROJECT # 12567
PUMP STATION B-4
REDUNDANT FORCE MAIN

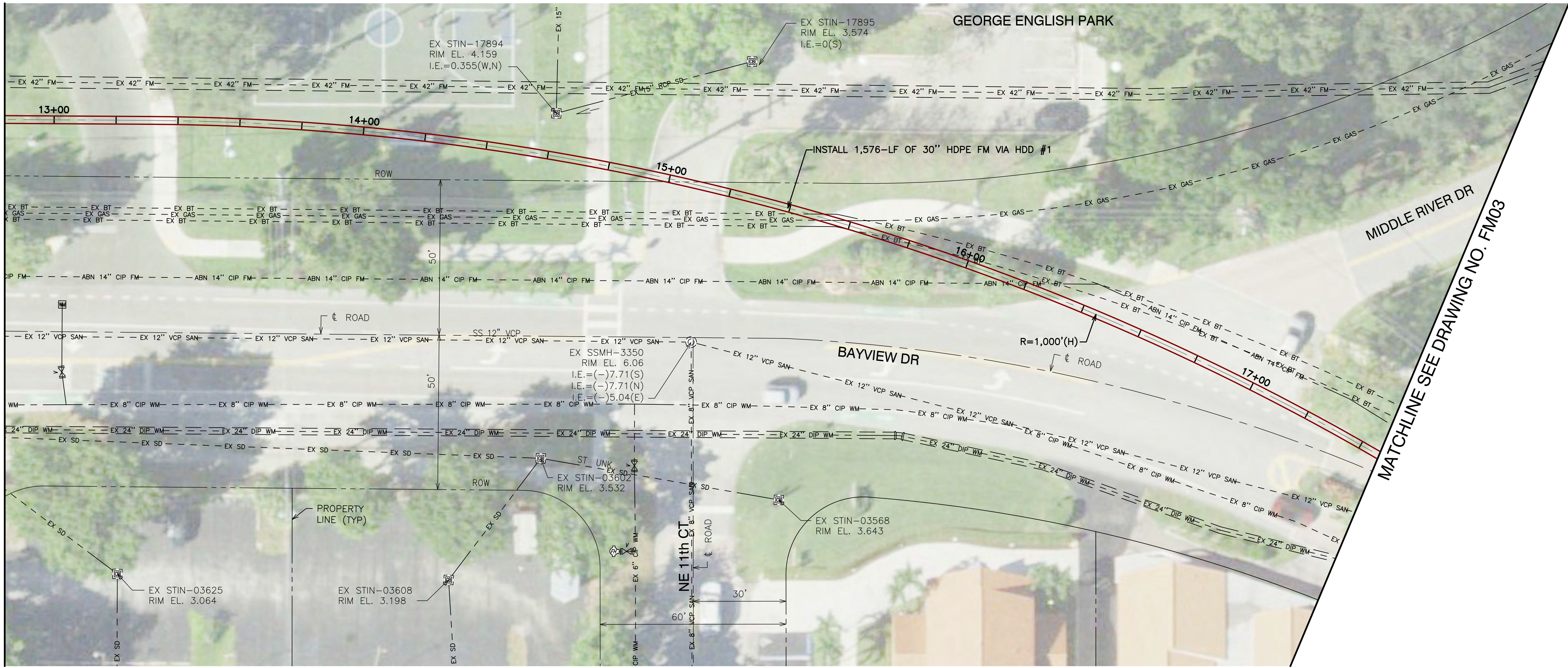
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FORCE MAIN PLAN AND PROFILE

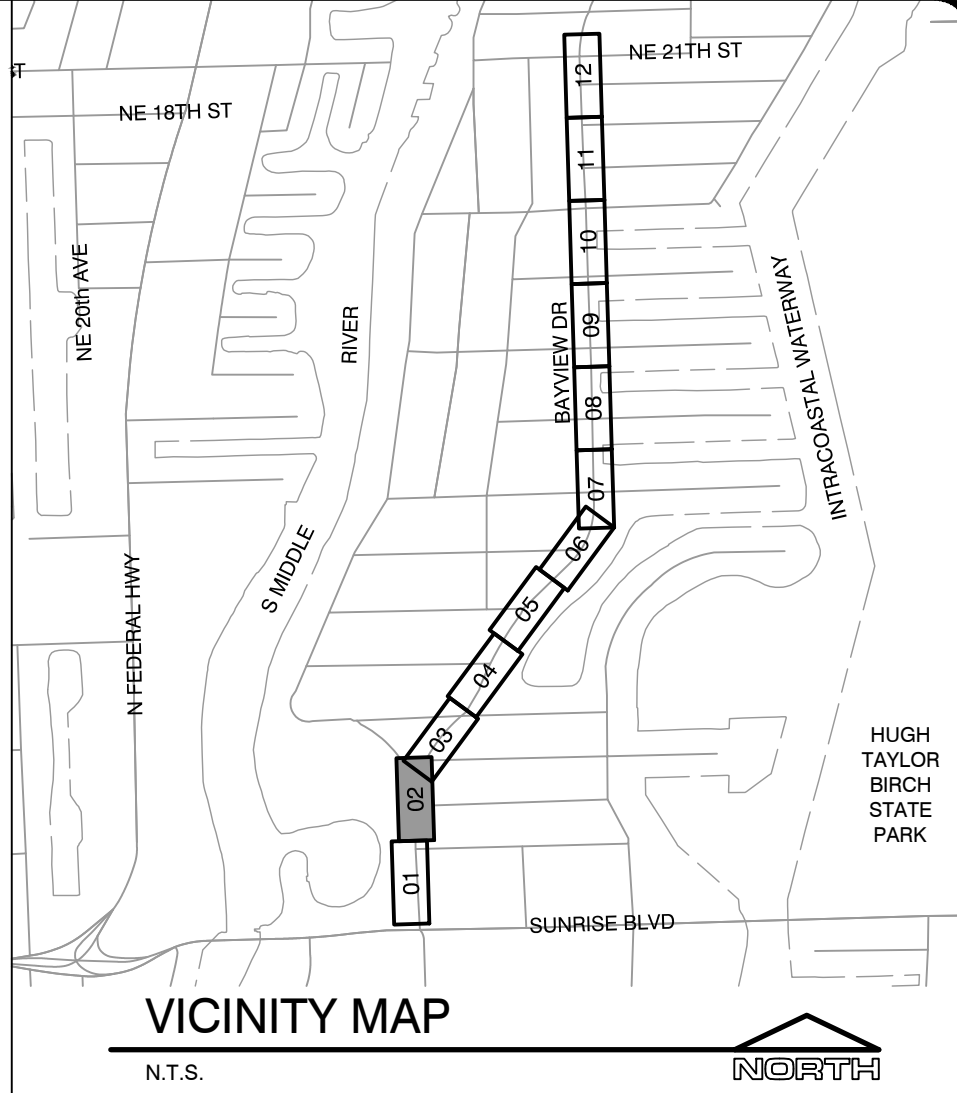
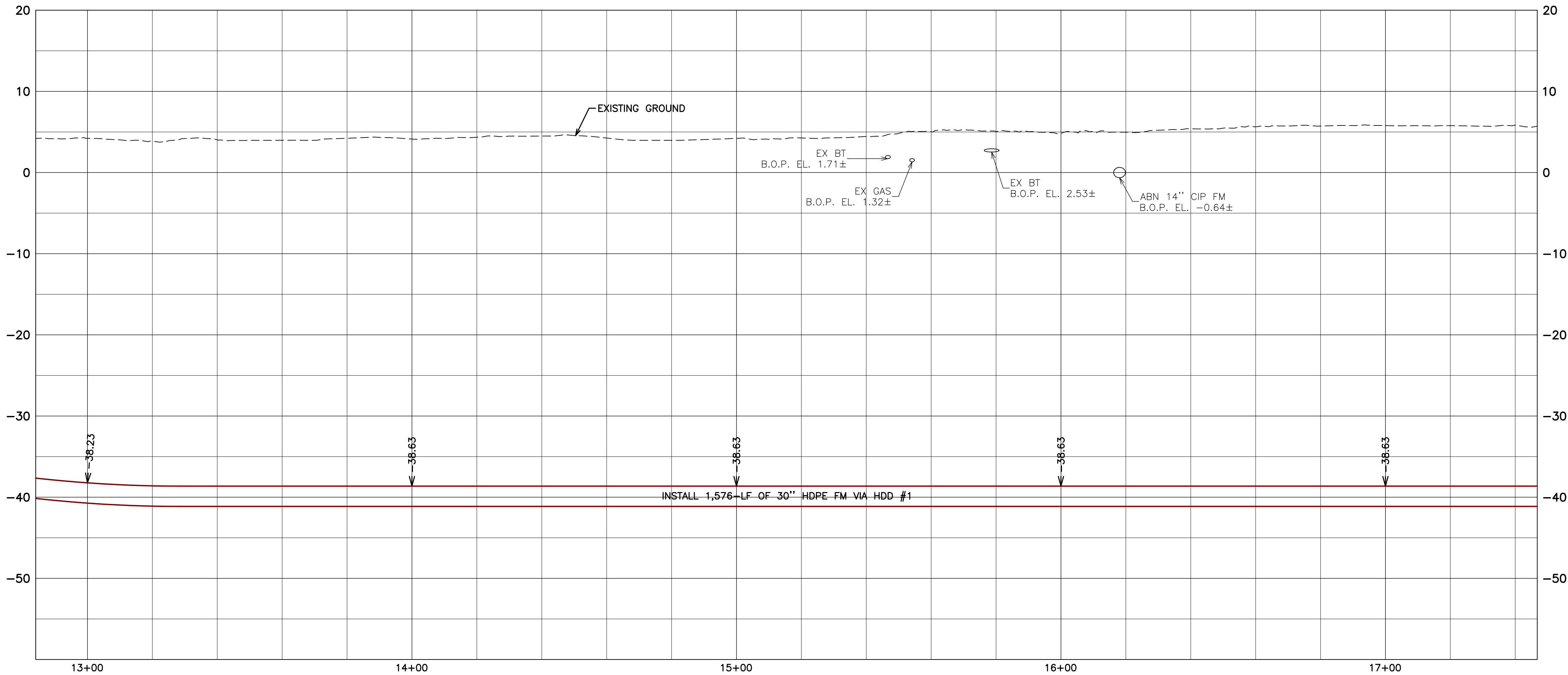
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MATCHLINE SEE DRAWING NO. FM01



PROPOSED FORCE MAIN CENTERLINE PROFILE
SCALE: 1"=20' HORZ | 1"=8' VERT



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

VERTICAL DATUM INFORMATION	
ALL ELEVATIONS SHOWN ARE IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)	
CONVERSION FACTOR: NAVD88 + 1.58 = NGVD29 IN THIS AREA	

- NOTES:
1. CONTRACTOR MUST EXERCISE EXTREME CARE TO AVOID DAMAGE OR DISRUPTIONS TO ANY EXISTING UTILITIES. ALL LOCATIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BEFORE STARTING CONSTRUCTION. CONSTRUCTION SHALL PROTECT AND SUPPORT ALL EXISTING STRUCTURES AFFECTED BY THE PROJECT. IF UPON EXCAVATION, AN EXISTING UTILITY IS FOUND TO BE IN DISCREPANCY WITH THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD, IN WRITING, BEFORE PROCEEDING WITH THE WORK. CONTRACTOR TO USE RESTRAINED JOINTS FOR ALL PROPOSED CONNECTIONS.
 2. A HORIZONTAL SEPARATION OF 6' MINIMUM SHALL ALWAYS BE ENFORCED WHENEVER THE FORCEMAIN IS LESS THAN 18" BELOW THE WATERMAIN.
 3. CONTRACTOR TO PROVIDE PEDESTRIAN ACCESS TO ALL PROPERTIES AT ALL TIMES.
 4. ALL DIP TO BE RESTRAINED.

CONCEPTUAL LAYOUT

ENGINEER:
DANIEL DAVILA, P.E.
REG. No: 63014
DATE:

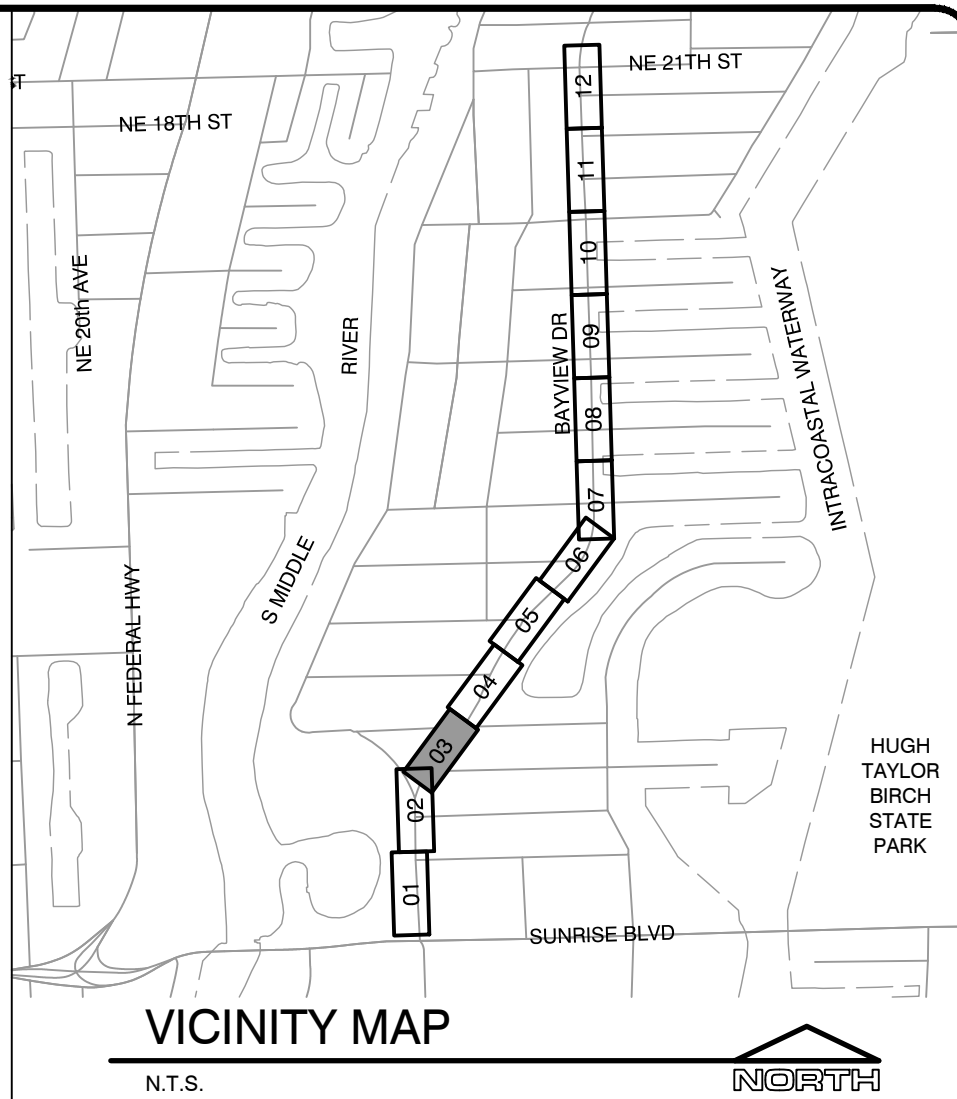
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DESIGNED BY: DC
SCALE: #
CHECKED BY: DD
FIELD BOOK: #

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

REVISIONS		DESCRIPTION	
NO.	DATE	BY	CHKD

CITY PROJECT # 12567
PUMP STATION B-4
REDUNDANT FORCE MAIN
FORCE MAIN PLAN AND PROFILE

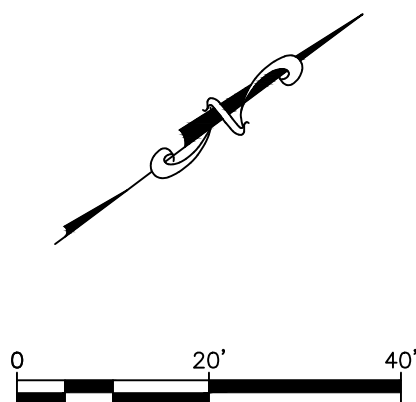
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FM02
SHT #
07
TOTAL: 17
CAD FILE:
12567-MULTI-FORC-001-012
DRAWING FILE NO.
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FAX: 954.730.2030

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SCALE: 1"=20' HORZ | 1"=8' VERT



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2. CONTRACTOR TO USE RESTRAINED JOINTS FOR ALL EXISTING CONCRETE PAVEMENT.
3. A HORIZONTAL SEPARATION OF 6" MINIMUM SHALL ALWAYS BE ENFORCED WHENEVER THE FOREMAN IS LESS THAN 18" BELOW THE WATERMAIN.
4. CONTRACTOR TO PROVIDE PEDESTRIAN ACCESS TO ALL PROPERTIES AT ALL TIMES.
5. ALL DIP TO BE RESTRAINED.

REVISIONS				
NO.	DATE	BY	CHK'D	DESCRIPTION

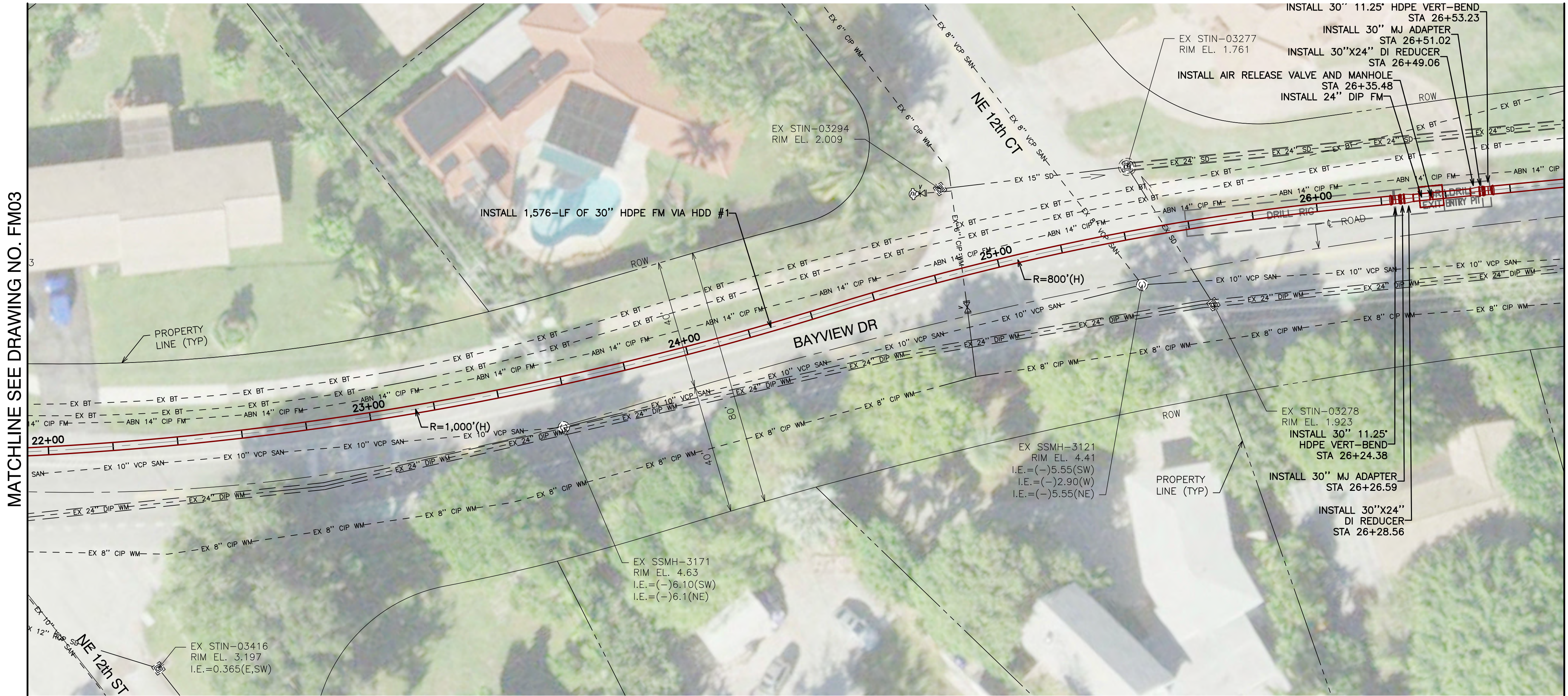
FORCE MAIN PLAN AND PROFILE

DRAWING #	SHT #
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CAM 21-0345
Exhibit 8

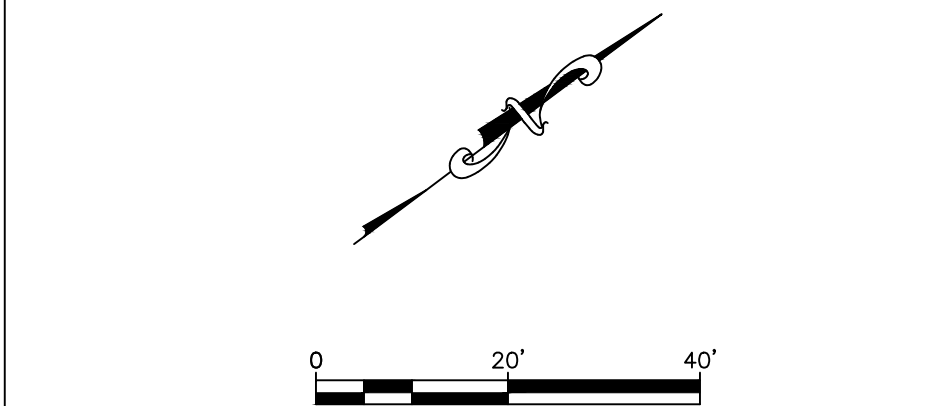
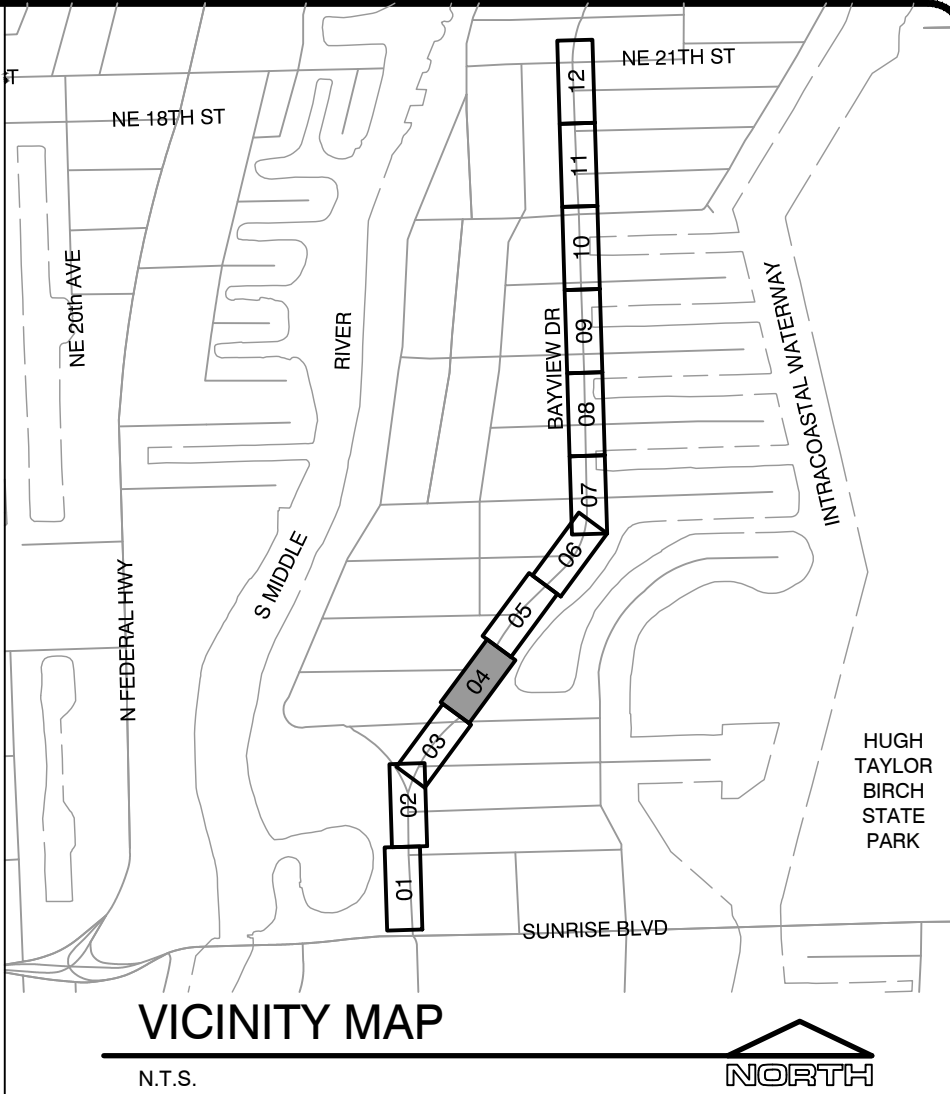
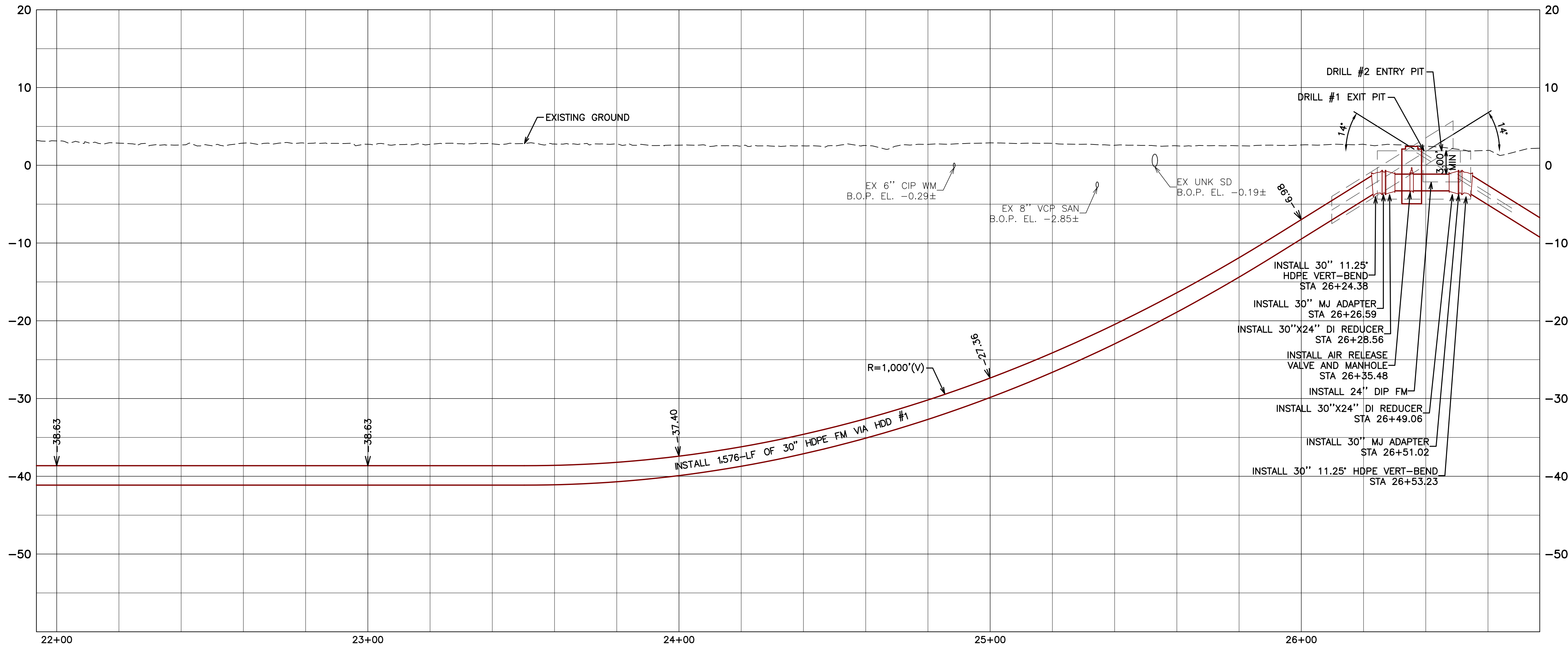
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Folder Path: V:\proposals\2020\2020.004 - ft lauderdale bid no 12443-916 - design-bu\CAD\Sheets



PROPOSED FORCE MAIN CENTERLINE PROFILE

SCALE: 1"=20' HORZ | 1"=8' VERT



DESIGN-BUILDER
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 - ALL DIP TO BE RESTRAINED.

ENGINEER: DANIEL DAVILA, P.E.
REG. No: 63014
DATE:

DRAWN BY: TN	DATE: 10/6/20
DESIGNED BY: DC	SCALE: #
CHECKED BY: DD	#
FIELD BOOK: #	#

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

REVISIONS		DESCRIPTION	
NO.	DATE	BY	CHKD

CITY PROJECT # 12567
PUMP STATION B-4
REDUNDANT FORCE MAIN
FORCE MAIN PLAN AND PROFILE

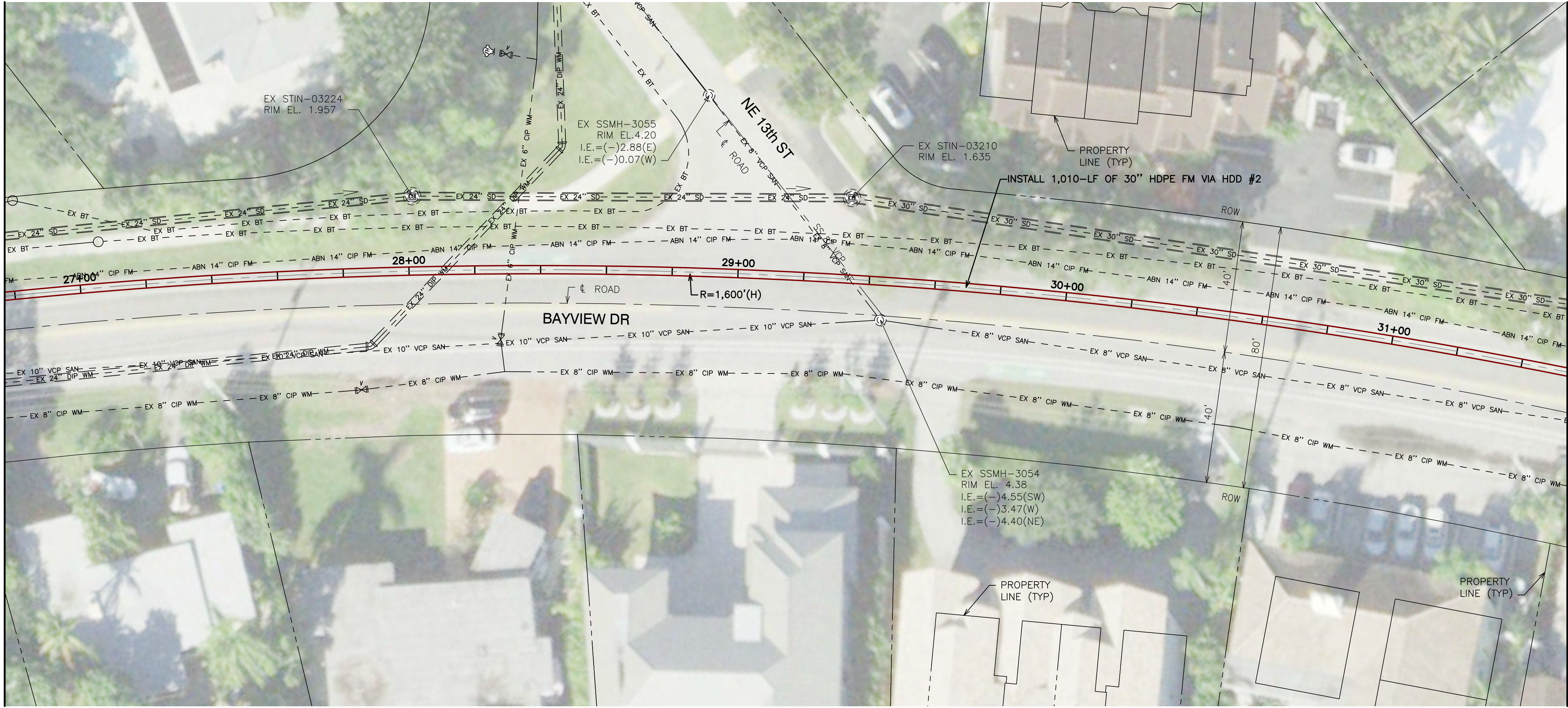
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TOTAL:	17
CAD FILE:	12567-MULTI-FORC-001-012
DRAWING FILE NO.	#####

CONCEPTUAL LAYOUT

Filename: 12567-MULTI-FORC-001-012.dwg

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Folder Path: V:\proposals\2020\2020.337 - murphy pipeline contractors inc. 2020.004 - ft lauderdale bid no 12443-916 - design-bu\CAD\Sheets

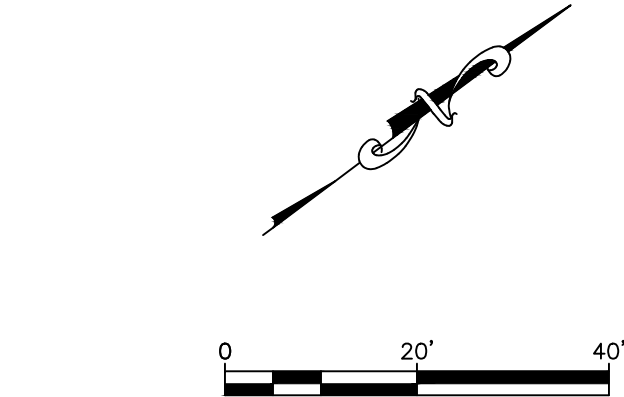
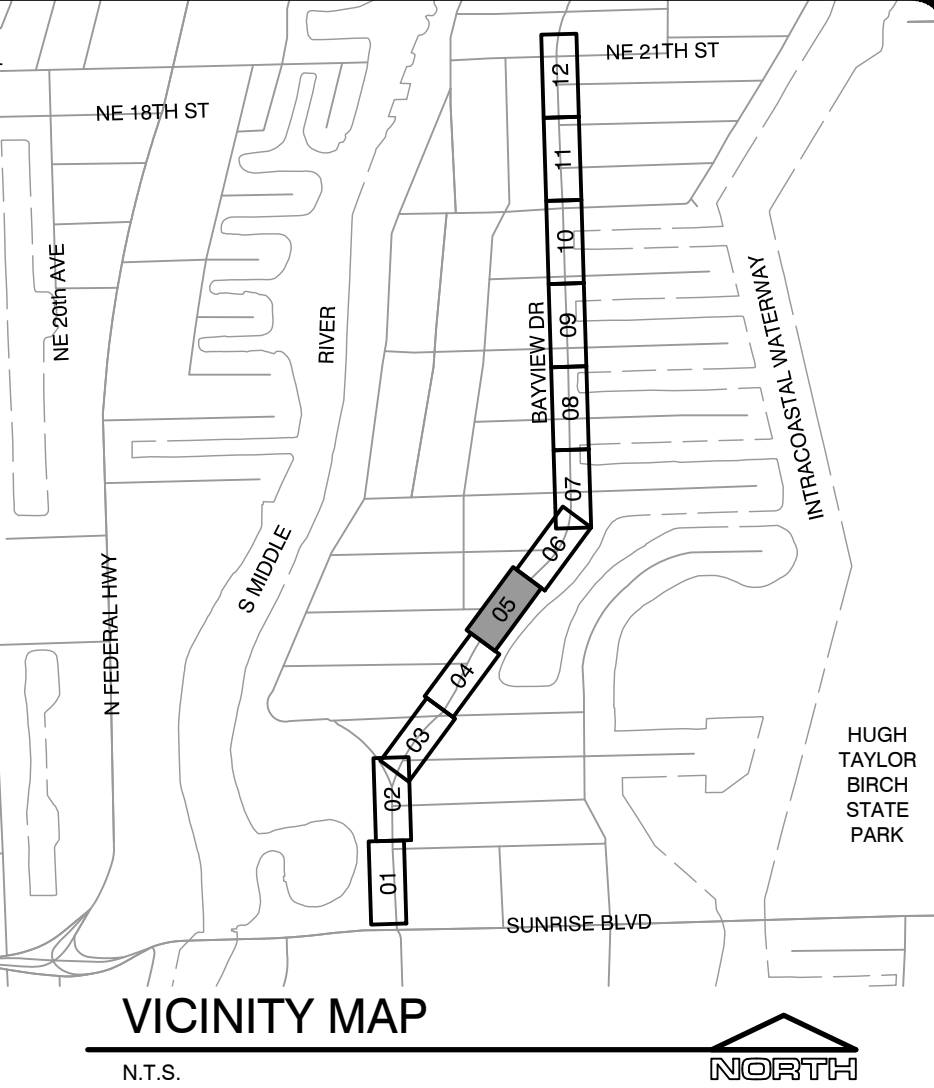
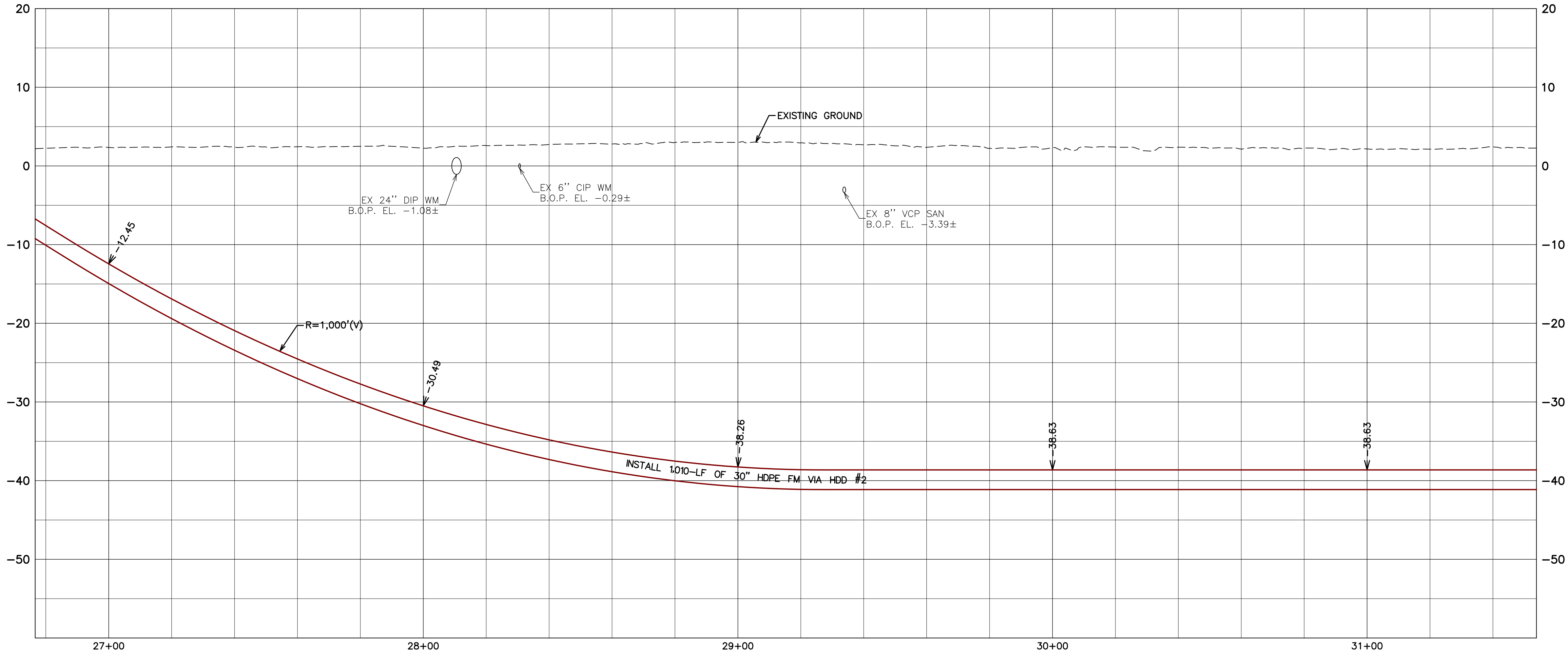
MATCHLINE SEE DRAWING NO. FM04



MATCHLINE SEE DRAWING NO. FM06

PROPOSED FORCE MAIN CENTERLINE PROFILE

SCALE: 1"=20' HORZ | 1"=8' VERT



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

VERTICAL DATUM INFORMATION	
ALL ELEVATIONS SHOWN ARE IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)	
CONVERSION FACTOR	
NAVD88	+1.58 = NGVD29 IN THIS AREA

- NOTES:**
1. CONTRACTOR MUST EXERCISE EXTREME CARE TO AVOID DAMAGE OR DISRUPTIONS TO ANY EXISTING UTILITIES. ALL LOCATIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BEFORE STARTING CONSTRUCTION. CONSTRUCTION SHALL PROTECT AND SUPPORT ALL EXISTING STRUCTURES AFFECTED BY THE PROJECT. IF UPON EXCAVATION, AN EXISTING UTILITY IS FOUND TO BE IN DISCREPANCY WITH THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD, IN WRITING, BEFORE PROCEEDING WITH THE WORK. CONTRACTOR TO USE RESTRAINED JOINTS FOR ALL PROPOSED CONNECTIONS.
 2. A HORIZONTAL SEPARATION OF 6' MINIMUM SHALL ALWAYS BE ENFORCED WHENEVER THE FORCEMAIN IS LESS THAN 18" BELOW THE WATERMAIN.
 3. CONTRACTOR TO PROVIDE PEDESTRIAN ACCESS TO ALL PROPERTIES AT ALL TIMES.
 4. ALL DIP TO BE RESTRAINED.

ENGINEER:
DANIEL DAVILA, P.E.
REG. No: 63014
DATE:

DRAWN BY: DATE: 10/6/20
DESIGNED BY: SCALE: #
CHECKED BY: DC
FIELD BOOK: #

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

REVISIONS		DESCRIPTION	
NO.	DATE	BY	CHKD

CITY PROJECT # 12567
PUMP STATION B-4
REDUNDANT FORCE MAIN
FORCE MAIN PLAN AND PROFILE

DRAWING #	SHT #
FM05	10
TOTAL:	17
CAD FILE:	12567-MULTI-FORC-001-012
DRAWING FILE NO.	#####

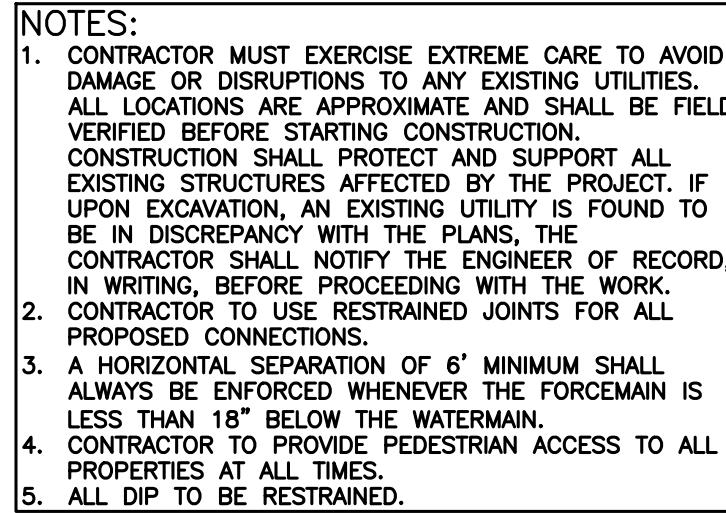


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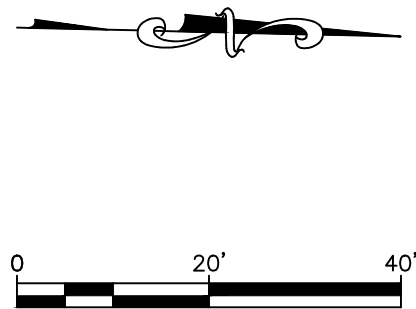
100 North Andrews Avenue, Fort Lauderdale, Florida 33301

100 North Andrews Avenue, Fort Lauderdale, Florida 33301



FORCE MAIN PLAN AND PROFILES

567-MULTI-FORC-001-



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100 North Andrews Avenue, Fort Lauderdale, Florida 33301

[illegible]

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VERTICAL DATUM INFORMATION
ALL ELEVATIONS SHOWN ARE IN NORTH
AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CONVERSION FACTOR:
NAVD88 + 1.58 = NGVD29 IN THIS AREA

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2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PROPOSED CONNECTIONS.
3. A HORIZONTAL SEPARATION OF 6" MINIMUM SHALL ALWAYS BE ENFORCED WHENEVER THE FOREMAN IS LESS THAN 18" BELOW THE WATERMAIN.
4. CONTRACTOR SHALL PROVIDE PEDESTRIAN ACCESS TO ALL PROPERTIES AT ALL TIMES.
5. ALL DIP TO BE RESTRAINED.



FORCE MAIN BI ANI AND PROEII E

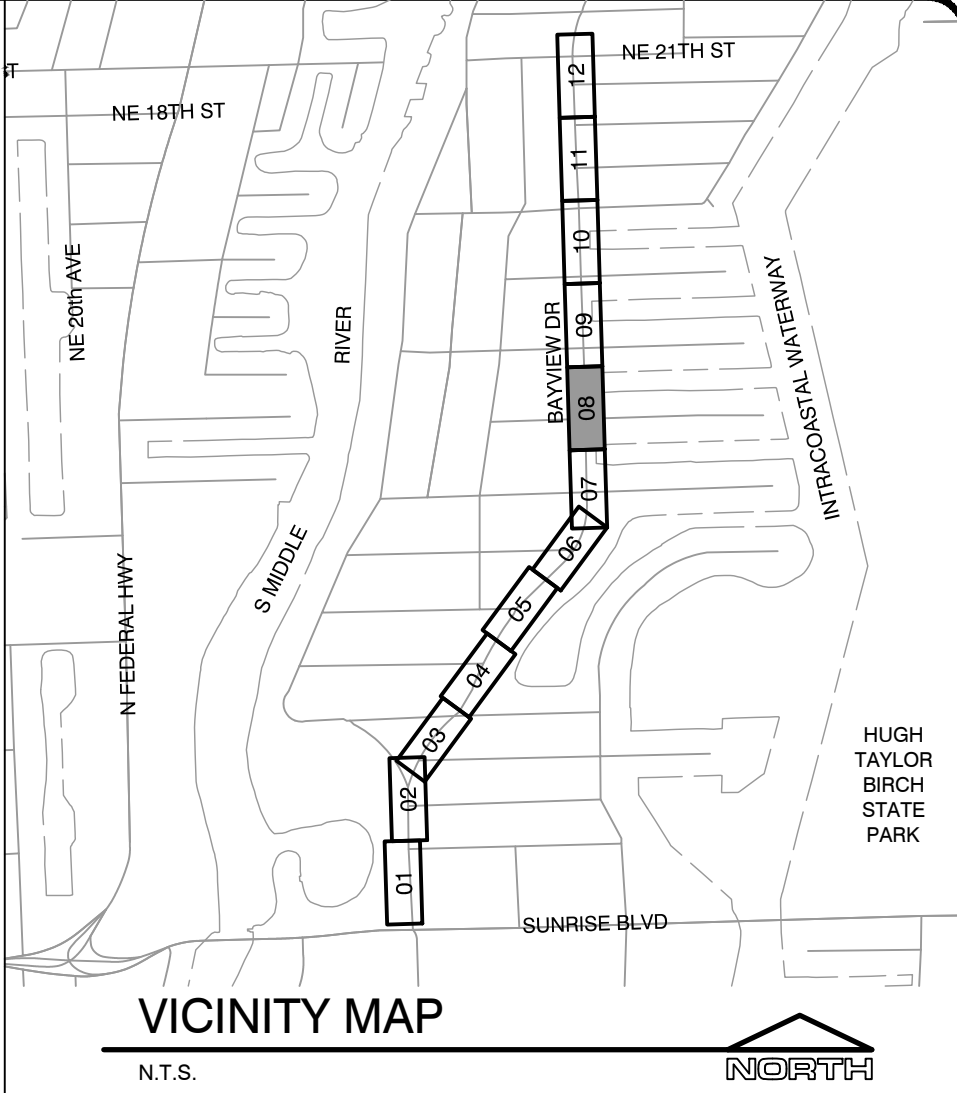
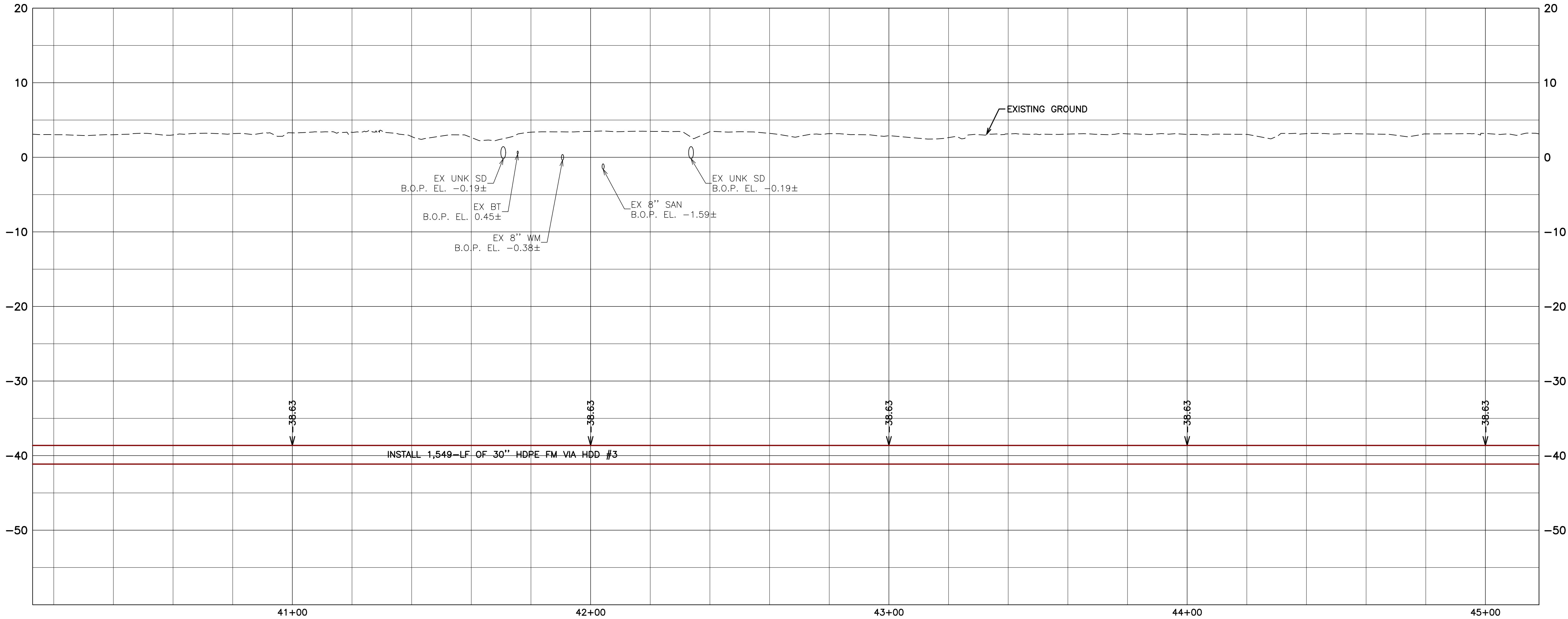
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FM07	12
TOTAL: 17	
CAD FILE:	
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DRAWING FILE NO.	
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Folder Path: V:\proposals\2020\2020.004 - ft lauderdate bid no 12443-916 - design-bu\CAD\Sheets



PROPOSED FORCE MAIN CENTERLINE PROFILE
SCALE: 1"=20' HORZ | 1"=8' VERT



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VERTICAL DATUM INFORMATION	
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CONVERSION FACTOR: NAVD88 + 1.58 = NGVD29 IN THIS AREA	

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 4. ALL DIP TO BE RESTRAINED.

CONCEPTUAL LAYOUT

ENGINEER:
DANIEL DAVILA, P.E.
REG. No: 63014
DATE:

DRAWN BY:		DATE:	
TN		10/6/20	
DESIGNED BY:		SCALE:	
DC			#
CHECKED BY:		FIELD BOOK:	
DD			#

CITY OF FORT LAUDERDALE
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100 North Andrews Avenue, Fort Lauderdale, Florida 33301

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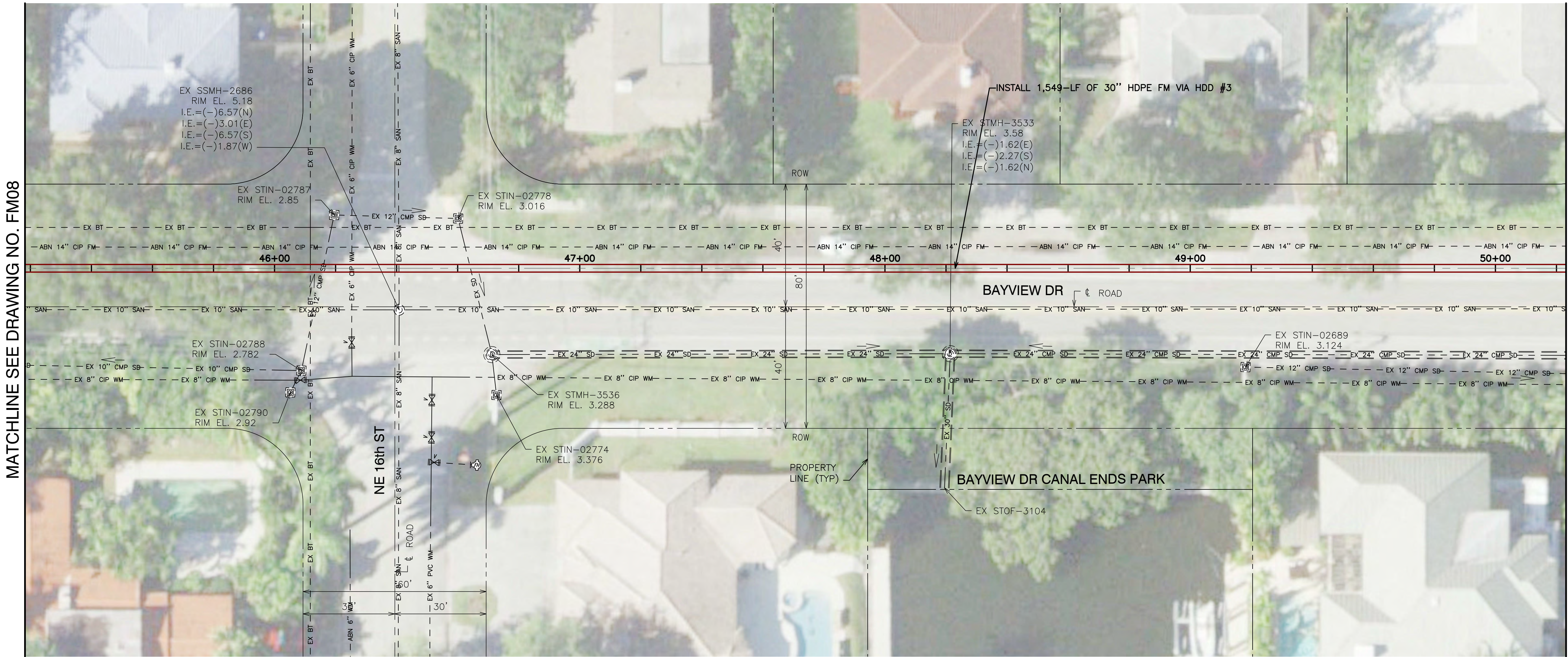
REVISIONS		DESCRIPTION	
NO.	DATE	BY	CHKD

CITY PROJECT # 12567
PUMP STATION B-4
REDUNDANT FORCE MAIN
FORCE MAIN PLAN AND PROFILE

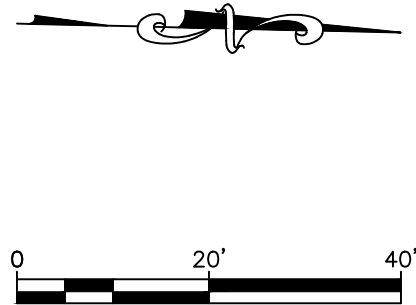
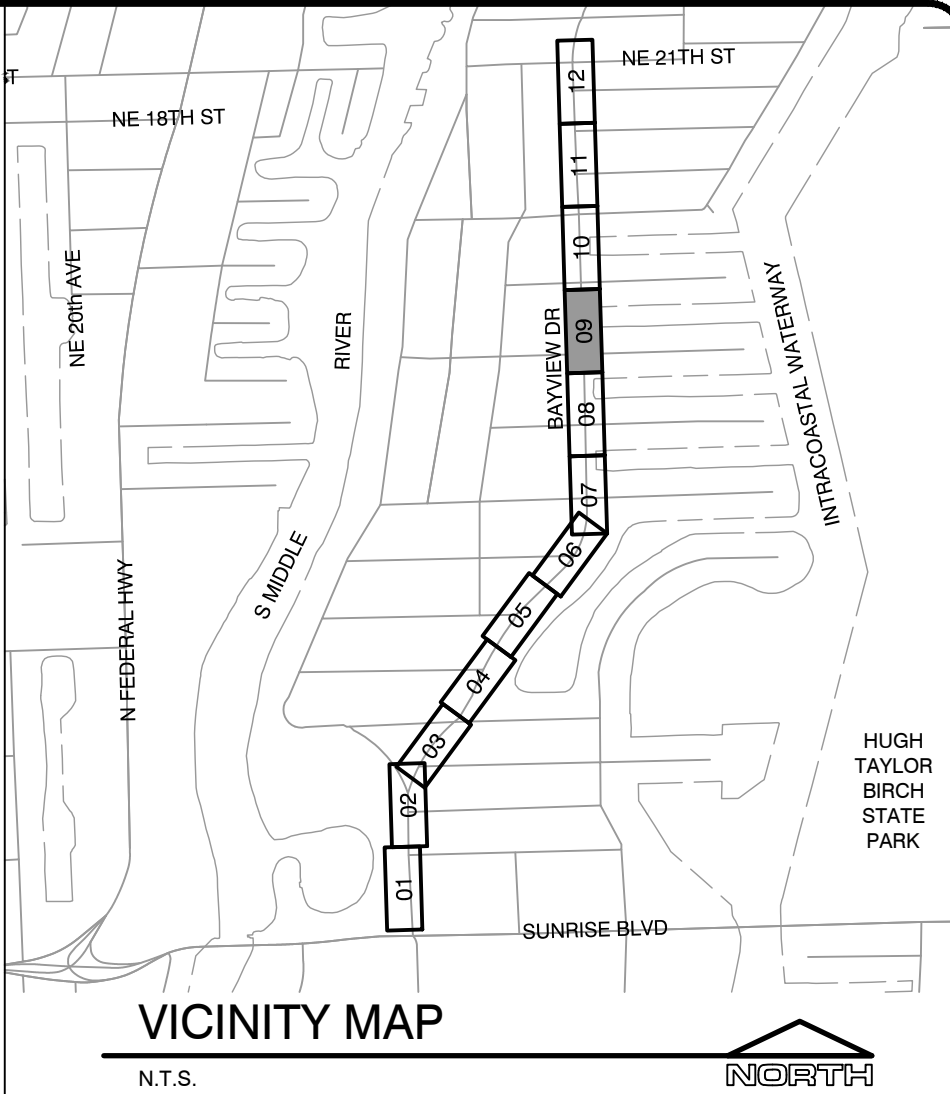
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FM08
SHT #
13
TOTAL: 17
CAD FILE:
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DRAWING FILE NO.
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MATCHLINE SEE DRAWING NO. FM10



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ENGINEER:
DANIEL DAVILA, P.E.
REG. No: 63014
DATE:

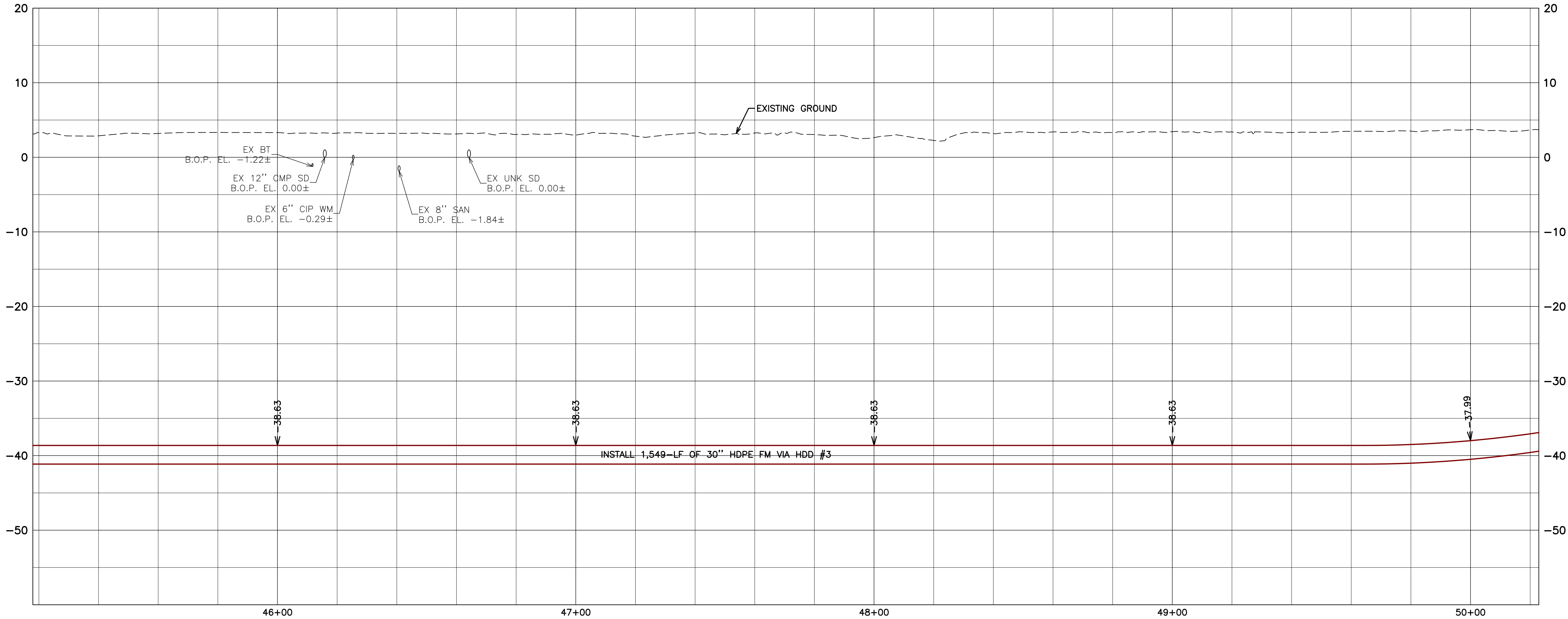
DRAWN BY: TN
DATE: 10/6/20
DESIGNED BY: SCALE: #
CHECKED BY: DC
FIELD BOOK: DD

CITY OF FORT LAUDERDALE
PUBLIC WORKS DEPARTMENT
ENGINEERING & ARCHITECTURE
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PROPOSED FORCE MAIN CENTERLINE PROFILE

SCALE: 1"=20' HORZ | 1"=8' VERT



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VERTICAL DATUM INFORMATION
ALL ELEVATIONS SHOWN ARE IN NORTH
AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CONVERSION FACTOR:
NAVD88 + 1.58 = NGVD29 IN THIS AREA

NOTES:

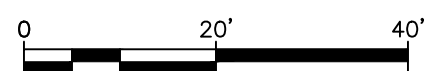
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2. A HORIZONTAL SEPARATION OF 6' MINIMUM SHALL ALWAYS BE ENFORCED WHENEVER THE FORCEMAIN IS LESS THAN 18" BELOW THE WATERMAIN.
3. CONTRACTOR TO PROVIDE PEDESTRIAN ACCESS TO ALL PROPERTIES AT ALL TIMES.
4. ALL DIP TO BE RESTRAINED.

CONCEPTUAL LAYOUT

CITY PROJECT # 12567
PUMP STATION B-4
REDUNDANT FORCE MAIN


DRAWING #
FM09
SHT #
14
TOTAL: 17
CAD FILE:
12567-MULTI-FORC-001-012.dwg
DRAWING FILE NO.
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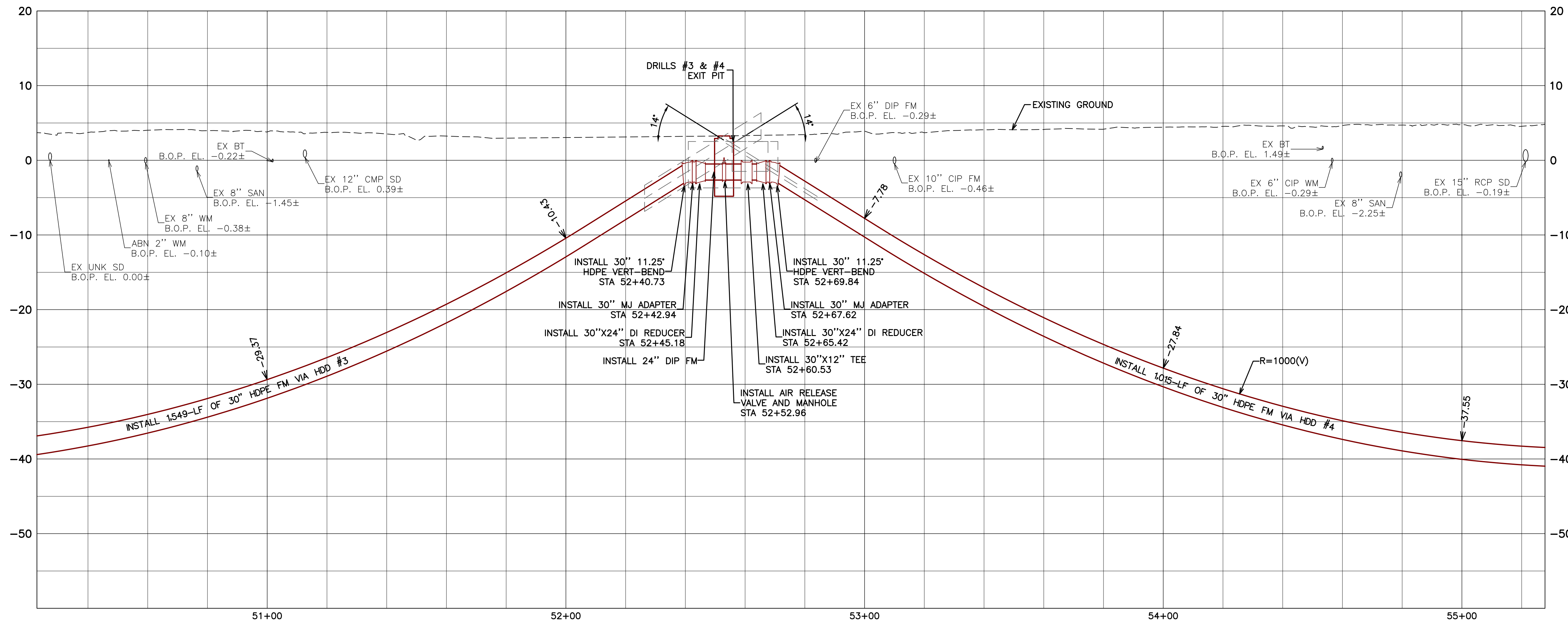
FORCE MAIN PLAN AND PROFILE



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VERTICAL DATUM INFORMATION
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 CONVERSION FACTOR:
 NAVD88 + 1.58 = NGVD29 IN THIS AREA

- NOTES:**
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 2. CONTRACTOR SHALL PROTECT AND SUPPORT ALL EXISTING STRUCTURES AFFECTED BY THE PROJECT. IF ANY EXISTING STRUCTURE OR EXISTING UTILITY IS FOUND TO BE IN DISCREPANCY WITH THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD, PRIOR TO ANY CONSTRUCTION.
 3. CONTRACTOR TO USE RESTRAINED JOINTS FOR ALL PROPOSED CONNECTIONS.
 4. A MINIMUM CLEARANCE OF 6' MINIMUM SHALL ALWAYS BE ENFORCED WHENEVER THE FOREMAN IS WITHIN 18" BELOW THE WATERMAIN.
 5. CONTRACTOR TO PROVIDE PEDESTRIAN ACCESS TO ALL ADJACENT AREAS AT ALL TIMES.
 6. ALL DIP TO BE RESTRAINED.

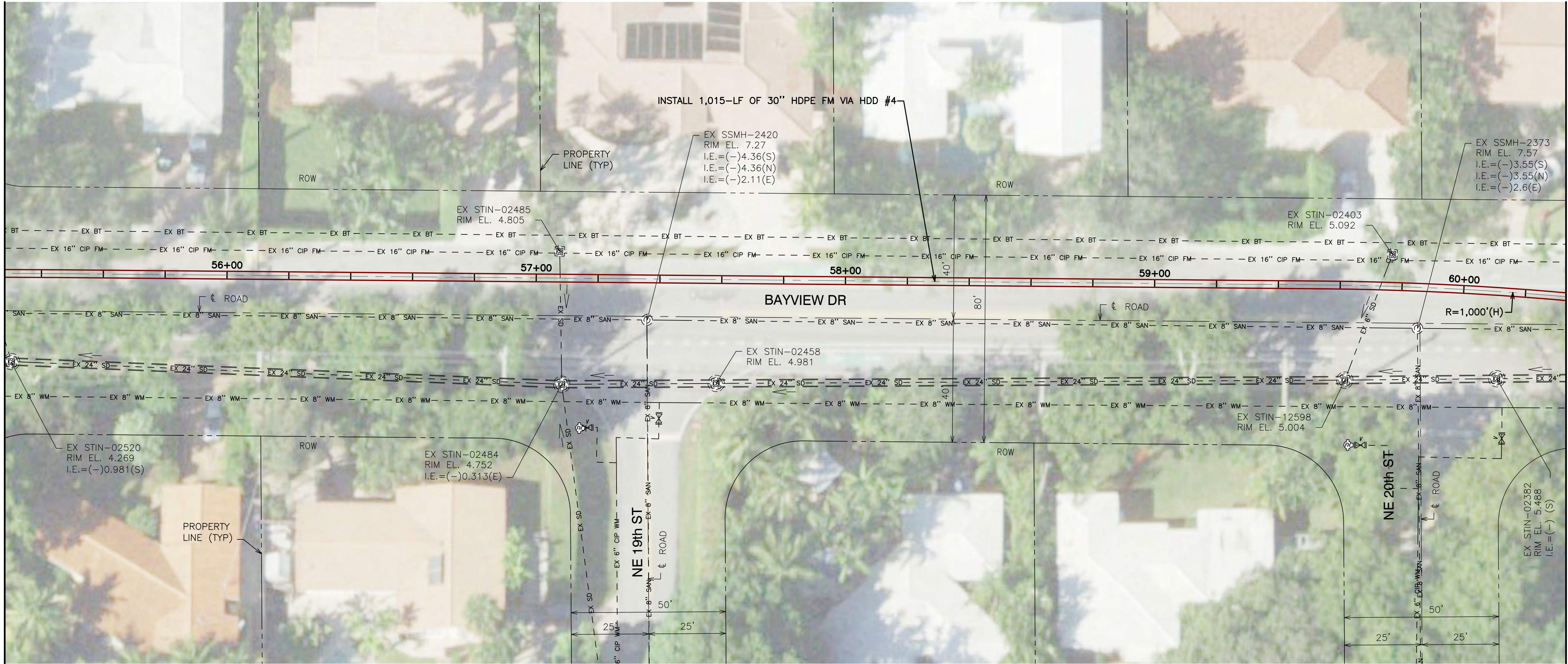
FORCE MAIN PLAN AND PROFILE

DRAWING #	SHT #
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TOTAL:	17
CAD FILE:	
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DRAWING FILE NO.	
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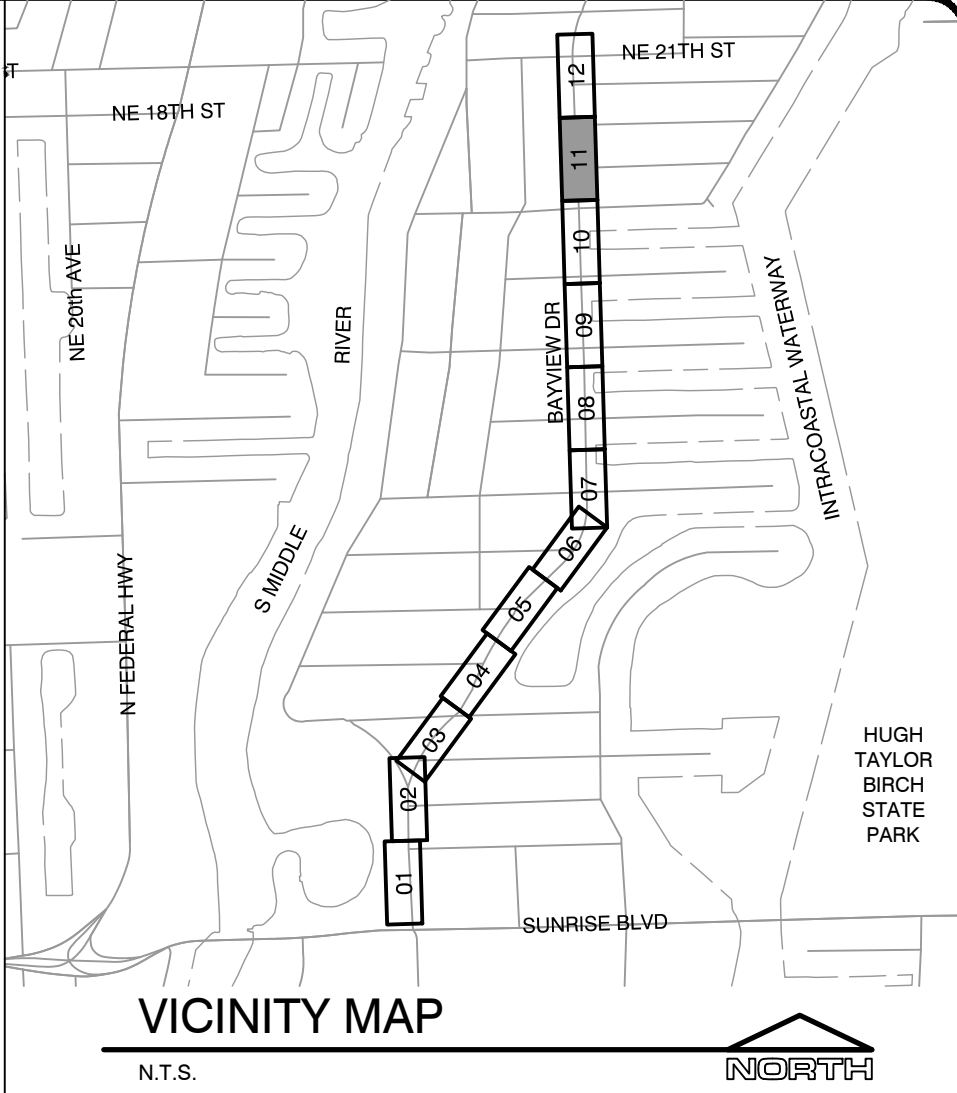
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MATCHLINE SEE DRAWING NO. FM10



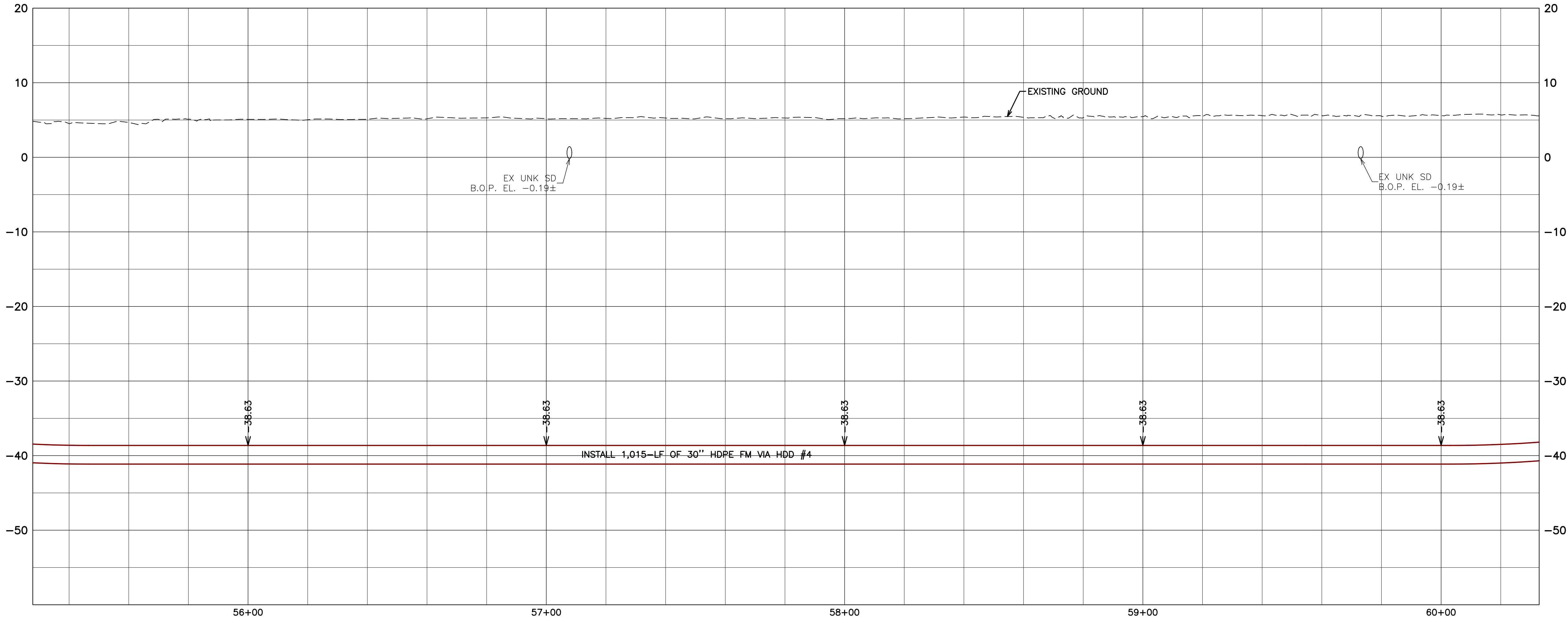
MATCHLINE SEE DRAWING NO. FM12



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Davie, FL 33328
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PROPOSED FORCE MAIN CENTERLINE PROFILE
SCALE: 1"=20' HORZ | 1"=8' VERT



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CONVERSION FACTOR:
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CONCEPTUAL LAYOUT

ENGINEER: DANIEL DAVILA, P.E.
REG. No: 63014
DATE: 10/6/20

DRAWN BY: TN
DESIGNED BY: DC
CHECKED BY: DD
FIELD BOOK: #

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

NO.	DATE	BY	CHKD	DESCRIPTION

CITY PROJECT # 12567
PUMP STATION B-4
REDUNDANT FORCE MAIN

DRAWING # **FM11** SHT # **16**

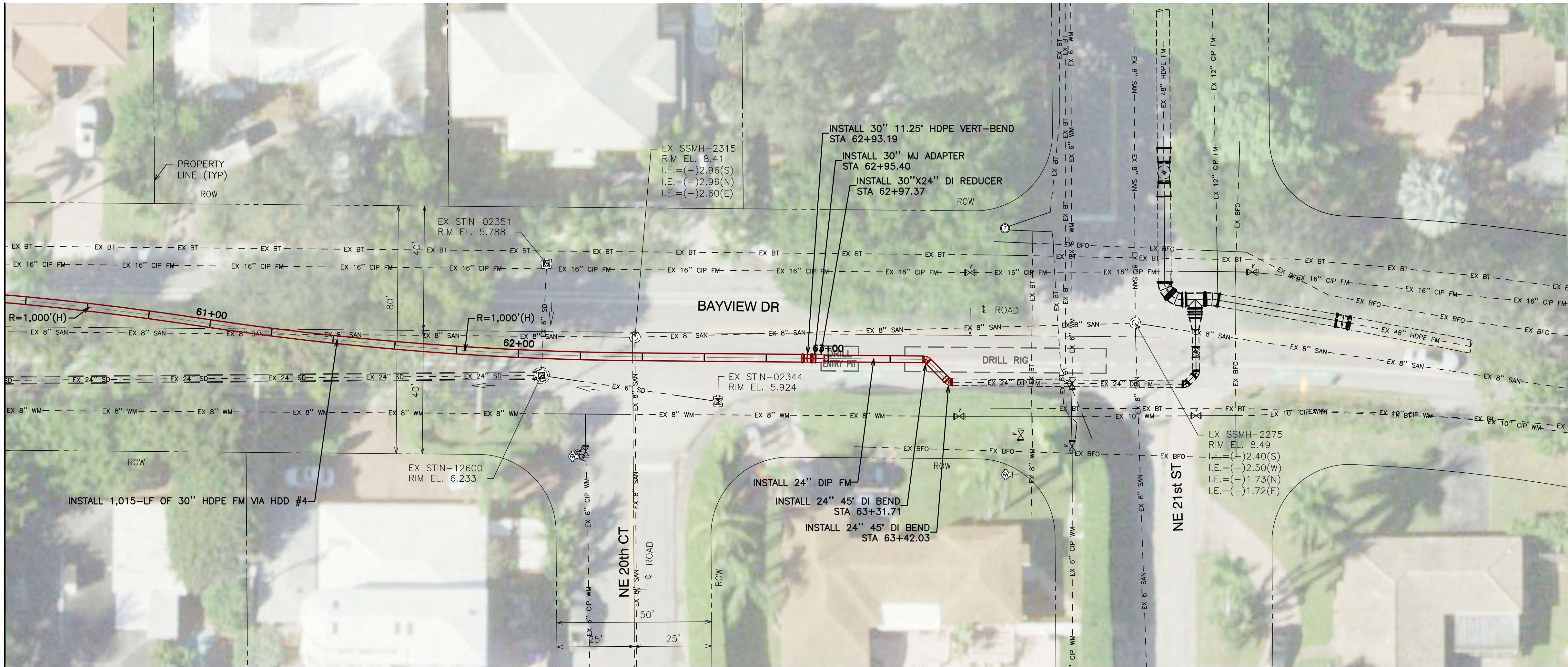
TOTAL: 17

CAD FILE: 12567-MULTI-FORC-001-012

DRAWING FILE NO. #####

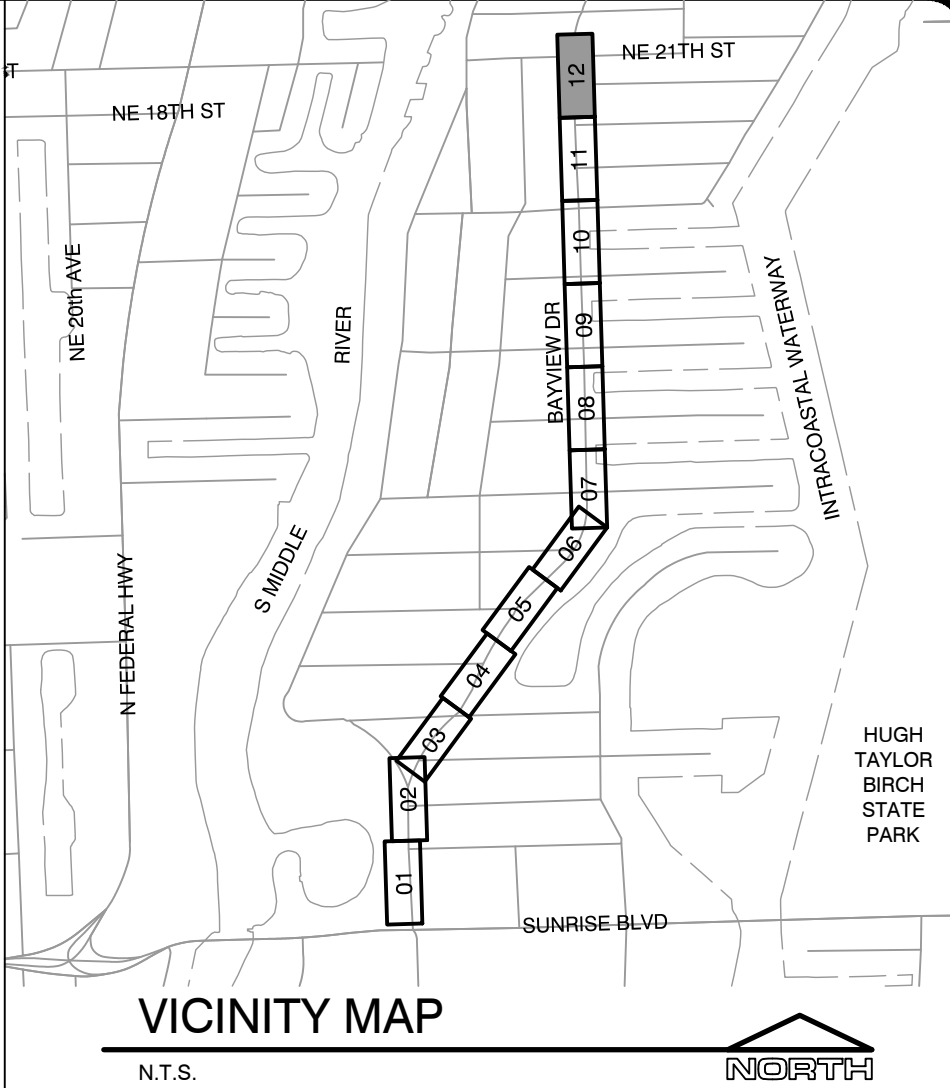
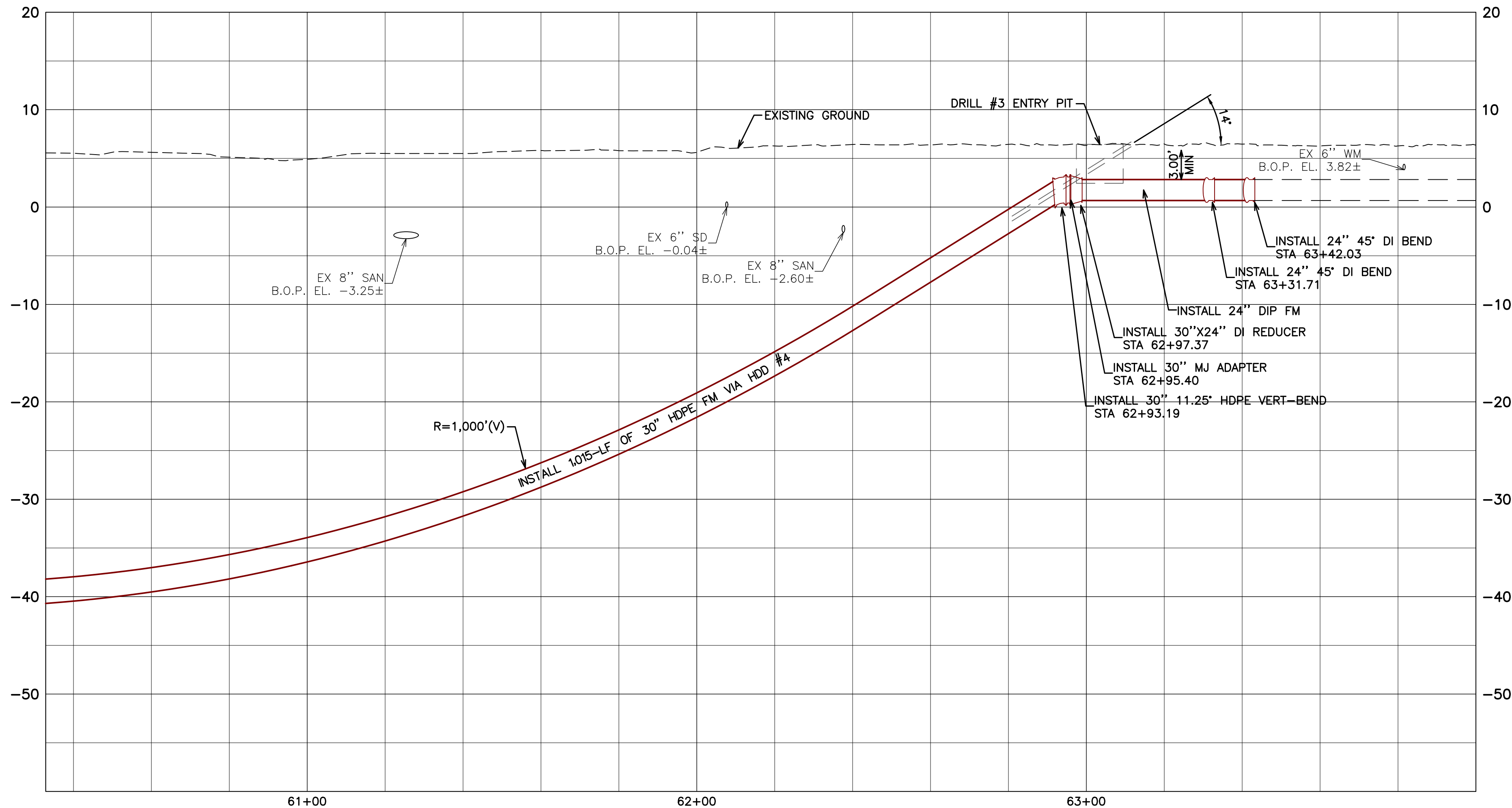
FORCE MAIN PLAN AND PROFILE

MATCHLINE SEE DRAWING NO. FM11



PROPOSED FORCE MAIN CENTERLINE PROFILE

SCALE: 1"=20' HORZ | 1"=8' VERT



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CONCEPTUAL LAYOUT

CITY PROJECT # 12567
PUMP STATION B-4
REDUNDANT FORCE MAIN

DRAWING #	SHT #
FM12	17
TOTAL: 17	
CAD FILE: 12567-MULTI-FORC-001-012	
DRAWING FILE NO. #####	

FORCE MAIN PLAN AND PROFILE

REVISIONS		DESCRIPTION
NO.	DATE	

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

ENGINEER:
DANIEL DAVILA, P.E.
REG. NO. 63014
DATE: 10/6/20

DRAWN BY:
TN
DESIGNED BY:
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CHECKED BY:
DD
FIELD BOOK:
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DATE:		SCALE:		#	

ENGINEER:
DANIEL DAVILA, P.E.
REG. NO. 63014
DATE: 10/6/20

DRAWN BY:
TN
DESIGNED BY:
DC
CHECKED BY:
DD
FIELD BOOK:
#

Contractor's Name & Address:

Murphy Pipeline Contractors, LLC.
5400 S. University Drive, Suite 301
Davie, Florida 33328

SCHEDULE OF VALUES

City Proj./Imp.No.: P12443-916

Name of Project: Pump Station B-4 Redundant Force Main

FDOT Fin. Proj. No.

Periodic Est No.: 000

Work Completed From: (Date) To: (Date)

CONTRACT ITEMS						APPROVED CHANGE ORDER WORK				COST OF WORK COMPLETED TO DATE												
ORIGINAL CONTRACT ITEMS						CONTRACT ADJUSTMENTS				PREVIOUSLY BILLED			CURRENT BILLING PERIOD			WORK COMPLETED TO DATE			UNCOMPLETED WORK			
Item no.	Description of Item	Unit Qty.	Unit	Cost per unit.	Total cost of item.	C.O. #1		Adj. Qty.		Qty.	%	Cost	Qty.	%	Cost	Qty.	%	Cost	Qty.	%	Cost	
						Qty.	\$	Qty.	\$												+	-
	DESIGN																					
1a	60% Design Phase	1	LS	\$90,000.00	\$90,000.00		\$ -		\$ -		0.00%	\$ -		0.00%	\$ -	-	0.00%	\$ -	-	0.00%	\$ -	
1b	90% Design Phase	1	LS	\$44,000.00	\$44,000.00		\$ -		\$ -		0.00%	\$ -		0.00%	\$ -	-	0.00%	\$ -	-	0.00%	\$ -	
1c	100% Design Phase	1	LS	\$17,000.00	\$17,000.00		\$ -		\$ -		0.00%	\$ -		0.00%	\$ -	-	0.00%	\$ -	-	0.00%	\$ -	
1d	Permitting	1	LS	\$15,000.00	\$15,000.00		\$ -		\$ -		0.00%	\$ -		0.00%	\$ -	-	0.00%	\$ -	-	0.00%	\$ -	
2	Construction Administration	1	LS	\$41,000.00	\$41,000.00		\$ -		\$ -		0.00%	\$ -		0.00%	\$ -	-	0.00%	\$ -	-	0.00%	\$ -	
	CONSTRUCTION																					
3	Mobilization/Demobilization	1	LS	\$182,000.00	\$182,000.00		\$ -		\$ -		0.00%	\$ -		0.00%	\$ -	-	0.00%	\$ -	-	0.00%	\$ -	
4	General Conditions	1	LS	\$22,000.00	\$22,000.00		\$ -		\$ -		0.00%	\$ -		0.00%	\$ -	-	0.00%	\$ -	-	0.00%	\$ -	
5	Restoration																					
5a	Milling & Resurfacing	1400	SY	\$25.00	\$35,000.00		\$ -		\$ -		0.00%	\$ -		0.00%	\$ -	-	0.00%	\$ -	-	0.00%	\$ -	
5b	Sod Replacement	5000	SY	\$2.50	\$12,500.00		\$ -		\$ -		0.00%	\$ -		0.00%	\$ -	-	0.00%	\$ -	-	0.00%	\$ -	
6a	Open Cut Section 1 - Tie-in at Pump Station at George English Park	1	EA	\$71,600.00	\$71,600.00		\$ -		\$ -		0.00%	\$ -		0.00%	\$ -	-	0.00%	\$ -	-	0.00%	\$ -	
6b	Open Cut Section 2 - Tie in at NE 12th Court	1	EA	\$25,000.00	\$25,000.00		\$ -		\$ -		0.00%	\$ -		0.00%	\$ -	-	0.00%	\$ -	-	0.00%	\$ -	
6c	Open Cut Section 3 - NE 14th Street	1	EA	\$25,000.00	\$25,000.00		\$ -		\$ -		0.00%	\$ -		0.00%	\$ -	-	0.00%	\$ -	-	0.00%	\$ -	
6d	Open Cut Section 4 - Tie in between NE 17th and 18th Street	1	EA	\$62,000.00	\$62,000.00		\$ -		\$ -		0.00%	\$ -		0.00%	\$ -	-	0.00%	\$ -	-	0.00%	\$ -	
6e	Open Cut Section 5 - Tie in at NE 21st Street	1	EA	\$55,000.00	\$55,000.00		\$ -		\$ -		0.00%	\$ -		0.00%	\$ -	-	0.00%	\$ -	-	0.00%	\$ -	
7a	24-Inch HDD Piping - HDD Drill 1	1	EA	\$594,266.70	\$594,266.70		\$ -		\$ -		0.00%	\$ -		0.00%	\$ -	-	0.00%	\$ -	-	0.00%	\$ -	
7b	24-Inch HDD Piping - HDD Drill 2	1	EA	\$396,177.80	\$396,177.80		\$ -		\$ -		0.00%	\$ -		0.00%	\$ -	-	0.00%	\$ -	-	0.00%	\$ -	
7c	24-Inch HDD Piping - HDD Drill 3	1	EA	\$574,457.81	\$574,457.81		\$ -		\$ -		0.00%	\$ -		0.00%	\$ -	-	0.00%	\$ -	-	0.00%	\$ -	
7d	24-Inch HDD Piping - HDD Drill 4	1	EA	\$415,986.69	\$415,986.69		\$ -		\$ -		0.00%	\$ -		0.00%	\$ -	-	0.00%	\$ -	-	0.00%	\$ -	
	PERMIT ALLOWANCE																					
8	Permitting	1	LS	\$10,000.00	\$10,000.00		\$ -		\$ -		0.00%	\$ -		0.00%	\$ -	-	0.00%	\$ -	-	0.00%	\$ -	
Subtotal Construction Costs (Contract Items):					\$2,687,989.00		\$ -		\$ -		0.00%	\$0.00		0.00%	\$0.00		0.00%	\$ -		0.00%	\$ -	

Additional Items by Change Order (if applicable)				C.O. #1		Adj. Qty.		PREVIOUSLY BILLED			CURRENT BILLING PERIOD			WORK COMPLETED TO DATE			UNCOMPLETED WORK		
Item No.	Description of Item	Cost per unit	Unit	Qty.	\$	Qty.	\$	Qty.	%	Cost	Qty.	%	Cost	Qty.	%	Cost	Qty.	%	Cost
					\$ -		\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -
					\$ -		\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -
					\$ -		\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -
					\$ -		\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -
					\$ -		\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -
					\$ -		\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -
Subtotal Construction Costs (Additional Items):					\$ -		\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -			\$ -
TOTAL CONSTRUCTION COSTS:							\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -

REQUEST FOR PROPOSALS

RFP No. 12470-416



RE-BID DESIGN-BUILD PUMP STATION B-4 REDUNDANT FORCE MAIN P12567



CONTACT: RICHARD CROW

Project Manager
Telephone: +1 (954) 842-4771
Fax: +1 (904) 379-6193
Rcrow@teamipr.com

Murphy Pipeline Contractors, Inc.
5400 S. University Drive, Suite 301
Davie, FL 33328



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1. Proposal Contact Person Information



1. PROPOSAL CONTACT PERSON INFORMATION

Legal Name of Proposer(s)/Lead Design-Builder	Murphy Pipeline Contractors, LLC
Federal Employee Identification (FEIN) Number	59-3688714
Mailing Address, City, State, Zip	5400 S University Drive, Suite 301 Davie, FL 33328
Contact Person's Name	Richard Crow
Title	Director of Engineering and Special Projects
Email Address	rcrow@murphypipelines.com
Phone Number	(954) 842-4771
Fax Number	(904) 379-6193
<hr/>	
Legal Name of Proposer(s)	Chen Moore and Associates, Inc.
Federal Employee Identification (FEIN) Number	59-2739866
Mailing Address, City, State, Zip	1500 W Cypress creek Road, Suite 630 Fort Lauderdale, FL 33309
Contact Person's Name	Daniel Davila, P.E.
Title	Senior Engineer/Fort Lauderdale Branch Manager
Email Address	ddavila@chenmoore.com
Phone Number	(954) 730-0701
Fax Number	(904) 730-2030

Proposal Contact Person Information

2. Qualifications of the Firm



**Murphy Pipelines Contractors, LLC**

12235 New Berlin Rd
Jacksonville, FL 32226

February 17, 2021

Tanisha Boynton
Senior Procurement Specialist
City of Fort Lauderdale Procurement Services Division
100 North Andrews Avenue, 6th Floor
Fort Lauderdale, FL 33301

Dear. Ms. Boynton,

Murphy Pipeline Contractors, Inc. (MPC) with its design partner Chen Moore & Associates, Inc. (CMA) are pleased to submit our response to RFP No. 12443-916 for the Design-Build Pump Station B-4 Redundant Force Main P12567 for the design, permitting and construction of a 24-inch force main along Bayview Drive from NE 21st Street to the existing Pump Station at George English Park. Our team has visited the jobsite numerous times, reviewed the existing utility information, and discussed the project with the regulatory agencies to gain a thorough understanding of the project needs. This new force main will tie into the new north redundant force main project currently being designed, permitted and constructed by the MPC team. Our team has been working in the Bayview Drive corridor for the last 9 months and we bring unique knowledge, experience and understanding of the corridor, the neighborhood, and its stakeholders which are key to the success of this project. We have been working with the Coral Ridge HOA for the last 9 months and we understand their needs. This particular HOA request to be notified at least one week prior to any directional drill pull. The HOA President likes to know which resident's access will be impacted, the overall traffic impact and the length of time so she can assist us in coordinating her residents. The MPC team will bring a seamless transition in the coordination of this neighborhood.

We have assembled a highly qualified Design/Build Team that has an extensive amount of experience in horizontal directional drilling, community coordination, and MOT that not only exceeds the minimum requirements of this RFP but exceeds the needs of Fort Lauderdale and more importantly its citizens. The B-4 Redundant Force main is critical to the City's backbone system and our team is the most experienced local firm in the design and construction of "large diameter" horizontal directional drill projects. The MPC Team has the widest array of utility construction technology experience available to meet the City's needs while still providing the least disruption to the residents and business owners along the project's path.

The MPC Team has worked together for over five years on several successful design-build projects with similar scopes of work. As a team, we have worked in a wide variety of projects including thousands of linear feet of traditional open cut, pipe bursting and horizontal directional drill under the most difficult schedule constraints for various municipalities. Furthermore, the MPC Team has recently worked on approximately 5 projects together for the City of Fort Lauderdale alone such as the Design/ Build Project for Installation of New Redundant Bypass Line Northside Force Main Project; Design/Build Project for Las Olas Phase II Force Main Replacement; Design/Build Project for Emergency 30" Force Main Replacement;

The HDPE Specialists

www.murphypipelines.com

and Las Olas Phase I Force Main Replacement. We understand the importance of this project and the various challenges that needs to be addressed during the design, permitting and construction of the project.

MPC was established in Florida in 2000 as a trenchless utility contractor with the purpose of bringing the trenchless technologies of Europe to the United States. MPC is one of the leading trenchless installation contractors in the Country that specializes on static pipe bursting and horizontal directional drilling for water main, sewer main and force main ranging from 2" through 78".

MPC has the capabilities of self-performing the majority of our projects. Specifically, for this project we are anticipating self-performing approximately 53% of the work.

Since 2015, MPC has completed over 133 miles of trenchless installation with 31 miles of trenchless installation for the City of Fort Lauderdale alone. Over the last five years alone, MPC has received numerous awards including:

- 2019 Trenchless Project of the Year Honorable Mention (Powell River, BC Canada Slip Lining Project)
- 2018 Trenchless Project of the Year Honorable Mention (Ft. Lauderdale Design Build using Compression Fit HDPE pipe lining and Directional Drill)
- 2017 PE Alliance Leadership Award (JEA, FL Swagelining Project)
- 2015 Trenchless Project of the Year (Arlington National Cemetery Water Pipe Bursting Project)

One of the primary ingredients for a successful project is a strong design partner. For this reason, we have, once again, teamed with Chen Moore and Associates (CMA). CMA trenchless technologies design and permitting experience includes dozens of directional drills, pipe bursting and compression fit projects. They have worked with public, semi-public and private clients to provide a wide range of water and sewer consulting engineering services including design and rehabilitation of pipeline and pump stations. Their experience includes over 100 miles of watermain, 60 miles of gravity sewer, 20 miles of force main, 200 pump stations and multiple directional drills.

The MPC Team has experience and exceptional understanding of the challenges related to execute this project safely and effectively. Selecting the MPC Team will provide the City of Fort Lauderdale with a team that has unparalleled prove experience to successfully deliver this project for the City and its residents. We would like to thank you for the opportunity to submit qualifications and once again look forward to working with the City of Fort Lauderdale. If you have any questions, feel free to contact us at any time.

Sincerely,



Richard Crow
Design/Build Manager

The HDPE Specialists

www.murphypipelines.com

2. QUALIFICATIONS OF THE FIRM

Murphy Pipeline Corporation, LLC.

***State of Florida
Department of State***

I certify from the records of this office that MURPHY PIPELINE CONTRACTORS, LLC is a Delaware limited liability company authorized to transact business in the State of Florida, qualified on August 20, 2020.

The document number of this limited liability company is M20000007526.

I further certify that said limited liability company has paid all fees due this office through December 31, 2020 and that its status is active.

I further certify that said limited liability company has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Sixteenth day of February,
2021*



Randy R. B...
Secretary of State

Tracking Number: 1070644404CU

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

State of FL Secretary of State Certificate of Corporation. Murphy Pipeline Corporation was established in 2000. Murphy Pipeline Corporation had a name changed from Inc to LLC on 2021.

Chen Moore and Associates

State of Florida Department of State

I certify from the records of this office that CHEN MOORE AND ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on November 7, 1986.

The document number of this corporation is J41454.

I further certify that said corporation has paid all fees due this office through December 31, 2021, that its most recent annual report/uniform business report was filed on January 7, 2021, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Seventh day of January, 2021*

Tracking Number: 793894851CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

**State of FL Secretary of State Certificate of
Corporation**



**RFP No. 12470-416 Re-Bid Design-Build Pump Station B-4
Redundant Force Main P12567**

BidSync

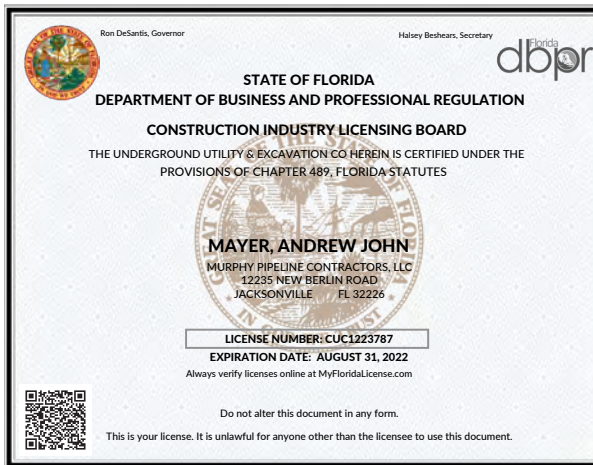


CAM 21-0345

Exhibit 8
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Qualifications of the Firm

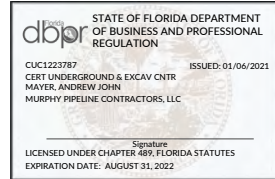
Murphy Pipeline Corporation, LLC



Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-831-4000
VALID OCTOBER 1, 2020 THROUGH SEPTEMBER 30, 2021

DBA: MURPHY PIPELINE CONTRACTORS LLC
Business Name: MURPHY PIPELINE CONTRACTORS LLC
Owner Name: ANDREW JOHN MAYER/QUALIFIER
Business Location: 5400 S UNIVERSITY DR STE 301 DAVIE
Business Phone: 954-842-4771

Receipt #: 189-212548
Business Type: (UNDERGROUND UTILITY AND EXCAVATION CONTRACTOR)
Business Opened: 10/13/2015
State/County/Cert/Reg: CUC1223787
Exemption Code:

Rooms: Seats: Employees: 12 Machines: Professionals:

Number of Machines:				Vending Type:			Total Paid
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost		
\$4.00	\$1.40	0.00	0.00	0.00	0.00	\$5.40	

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT WHEN VALIDATED

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

Mailing Address:
MURPHY PIPELINE CONTRACTORS LLC
5400 S UNIVERSITY DR STE 301
DAVIE, FL 33328-5310

Receipt #: 138-20-0003393
Paid 01/19/2021 \$ 40

2020 - 2021



Qualifications of the Firm



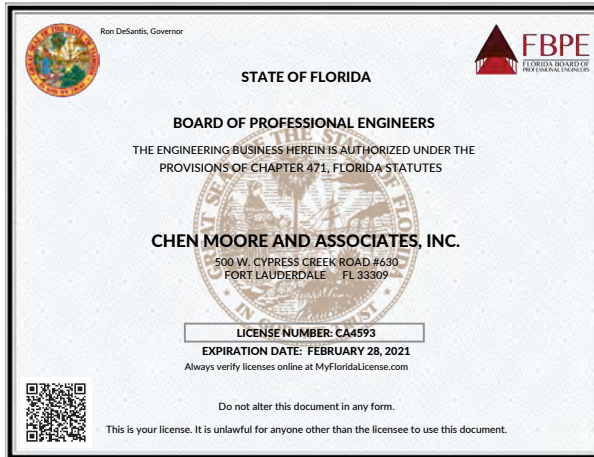
RFP No. 12470-416 Re-Bid Design-Build Pump Station B-4
Redundant Force Main P12567



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CAM 21-0345
Exhibit 8
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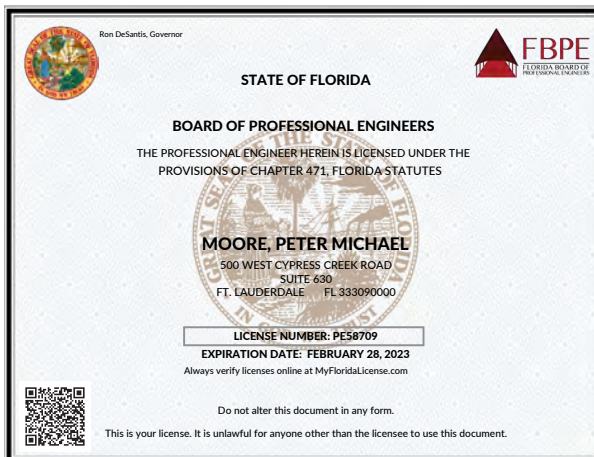
Chen Moore and Associates



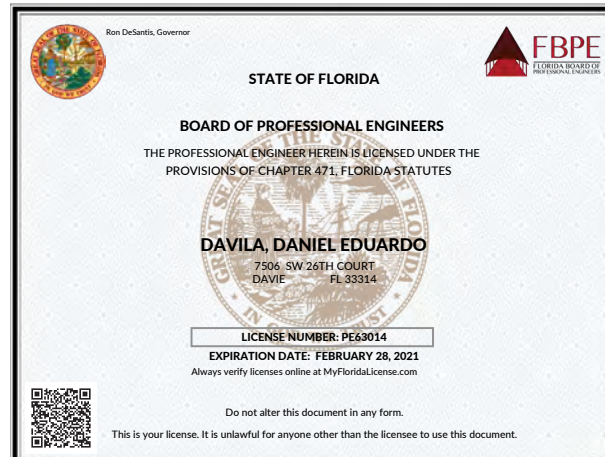
State of FL Professional Engineers License



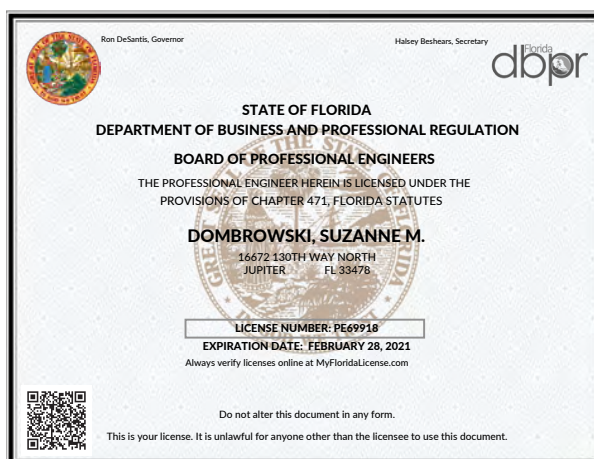
State of FL Professional Landscape Architecture License



Peter Moore P.E., F.ASCE, ENV SP, LEED AP



Daniel Davila, P.E.



Suzanne Dombrowski, P.E., ENV SP



David Castro, P.E.

Qualifications of the Firm



RON DESANTIS
GOVERNOR

Florida Department of Transportation

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

May 11, 2020

Peter Moore, President
CHEN MOORE AND ASSOCIATES, INC.
500 West Cypress Creek Road, Suite 630
Fort Lauderdale, Florida 33309

Dear Mr. Moore:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
 - 3.2 - Major Highway Design
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.2 - Lighting
- Group 13 - Planning
 - 13.6 - Land Planning/Engineering
- Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2021 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
173.18%	0.465%	Reimbursed	No	2.93%

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Safety, Mobility, Innovation
www.fdot.gov

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

Qualifications of the Firm

Safety, Mobility, Innovation

FDOT Unlimited Notice of Qualifications



RFP No. 12470-416 Re-Bid Design-Build Pump Station B-4
Redundant Force Main P12567

BidSync



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CAM 21-0345
Exhibit 8
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Business Tax Receipts

CITY OF FORT LAUDERDALE BUSINESS TAX YEAR 2020-2021

Business Tax Division
100 N ANDREWS AVE | FORT LAUDERDALE, FL 33301 | (954) 828 - 5195

Business ID: BL-1200321 Business Name: CHEN,HSEUH HAI BEN
Business Address: 500 NW 62 ST # 630

CHEN,HSEUH HAI BEN
500 NW 62 ST # 630
FORT LAUDERDALE, FL 33309

TAX CATEGORIES
408800 ENGINEER

Contact: CHEN,HSEUH HAI BEN

This Receipt is issued for the period commencing October 1st and ending September 30th of the years shown above.

If you have closed or moved out of the city, please email business@fortlauderdale.gov, and include the Business ID #.

A transfer of business location within city limits is subject to zoning approval. Complete a Business Tax Transfer Application online to obtain the necessary approval. A transfer fee of 10% of the Business Tax fee applies, not less than \$3.00, no more than \$25.00.

If you have sold your business, please email a copy of the Bill of Sale to business@fortlauderdale.gov, and include the Business ID #. A transfer of ownership will incur a transfer fee of 10% of the Business Tax fee, not less than \$3.00, no more than \$25.00.

Please be advised that this issuance of a Business Tax Receipt establishes that the business you intend to conduct is a use permitted by the City Zoning Code for the location at which you intend to operate. The issuance of a Business Tax Receipt in no way certifies that the property located at this address is in compliance with other provisions of the City Code of Ordinances.

100 N ANDREWS AVE, 1st FLOOR
FORT LAUDERDALE, FL 33301
TEL 954 828 5195
WWW.FORTLAUDERDALE.GOV

CITY OF FORT LAUDERDALE BUSINESS TAX YEAR 2020-2021

Business Tax Division
100 N ANDREWS AVE | FORT LAUDERDALE, FL 33301 | (954) 828 - 5195

Business ID: BL-1400043 Business Name: BREA,SAFIYA
Business Address: 500 NW 62 ST # 630

BREA,SAFIYA
500 NW 62 ST # 630
FORT LAUDERDALE, FL 33309

TAX CATEGORIES
408800 ENGINEER

Contact: BREA,SAFIYA

This Receipt is issued for the period commencing October 1st and ending September 30th of the years shown above.

If you have closed or moved out of the city, please email business@fortlauderdale.gov, and include the Business ID #.

A transfer of business location within city limits is subject to zoning approval. Complete a Business Tax Transfer Application online to obtain the necessary approval. A transfer fee of 10% of the Business Tax fee applies, not less than \$3.00, no more than \$25.00.

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100 N ANDREWS AVE, 1st FLOOR
FORT LAUDERDALE, FL 33301
TEL 954 828 5195
WWW.FORTLAUDERDALE.GOV

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000
VALID OCTOBER 1, 2020 THROUGH SEPTEMBER 30, 2021

DBA: CHEN MOORE & ASSOCIATES INC Receipt #: 315-650
Business Name: CHEN MOORE & ASSOCIATES INC Business Type: (ENGINEERS)

Owner Name: PETER MOORE Business Opened: 01/13/1987
Business Location: 500 W CYPRESS CREEK RD SUITE State/County/Cert/Reg: 3266
FT LAUDERDALE Exemption Code:
Business Phone: 954-730-0707

Rooms Seats Employees Machines Professionals
1

Number of Machines:		For Vending Business Only				Vending Type:		Total Paid
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost			
30.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00	

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

WHEN VALIDATED

Mailing Address:
CHEN MOORE AND ASSOCIATES INC
500 W CYPRESS CREEK RD SUITE
630
FORT LAUDERDALE, FL 33309

Receipt #WNN-19-00215549
Paid 09/25/2020 30.00

Infra Map Corp

Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
3085 Apalachee Pkwy Tallahassee, Florida 32309-6508

License No.: LB6666
Expiration Date: February 28, 2021

Professional Surveyor and Mapper Business License
Under the provisions of Chapter 472, Florida Statutes

INFRAMAP CORP
1860 OLD OKEECHOBEE ROAD #201
WEST PALM BEACH, FL 33409

ADAM H. PLITNAM
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

2020 - 2021

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000
VALID OCTOBER 1, 2020 THROUGH SEPTEMBER 30, 2021

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FT LAUDERDALE Exemption Code:
Business Phone: 954-730-0707

Rooms Seats Employees Machines Professionals
1

Number of Machines:		For Vending Business Only				Vending Type:		Total Paid
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost			
30.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00	

Signature _____
Receipt #WNN-19-00215549
Paid 09/25/2020 30.00



RFP No. 12470-416 Re-Bid Design-Build Pump Station B-4
Redundant Force Main P12567



2-7

CAM 21-0345

Exhibit 8

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BidSync

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2/22/2021

Key Personnel

Murphy Pipeline Contractors, LLC has assembled a team of professionals and technicians with experience and expertise in the areas required to meet the goals and objectives of the City of Fort Lauderdale. We have all the professionals needed to provide a wide range of technical services to the City. For detailed information please refer to our team's resumes in Section 3.

Key Personnel	Role	Title	Name of Firm	Phone Number	Fax Number	Email
Richard Crow	Design Build Project Manager	Director of Engineering and Special Projects	Murphy	(954) 842-4771	(904) 764-6887	rcrow@teamipr.com
Victor Menocal	Project Quality Control Manager	Senior Project Manager	Murphy	(954) 842-4771	(904) 764-6887	vmenocal@teamipr.com
Aaron Pigna	Scheduler/ Project Control Specialist	Project Manager	Murphy	(954) 842-4771	(904) 764-6887	apigna@teamipr.com
Angelo Furno	Scheduler/ Project Control Specialist	Project Manager	Murphy	(954) 842-4771	(904) 764-6887	afurno@teamipr.com
David Marin	QA/QC	General Superintendent	Murphy	(954) 842-4771	(904) 764-6887	dmarin@teamipr.com.com
Rowynna Ribeiro	Public Information Officer	Project Coordinator	Murphy	(954) 842-4771	(904) 764-6887	rribeiro@teamipr.com.com
Mike Alvarez	Project Health and Safety Manager	Construction Manager	Murphy	(954) 842-4771	(904) 764-6887	malvarez@teamipr.com
Rico Filippelli	Project Surveyor/ Layout	President	Filippelli Surveying	(561) 719-0025	N/A	rico4901@comcast.net
Dustin Ertle	HDD Project Manager	President	DBE Utility Services	(561) 508-3708	(561) 508-3713	dertle@dbeutilityservices.com
Peter Moore, P.E., F.ASCE, ENV SP, LEED AP	Principal-in-Charge	President	CMA	(954) 730-0707 x1002	(954) 730-2030	pmoore@chenmoore.com
Daniel Davila, P.E.	Sr. Engineer	Sr. Engineer/ FTL Branch Manager	CMA	(954) 730-0707 x1085	(954) 730-2030	ddavila@chenmoore.com

Qualifications of the Firm



Key Personnel	Role	Title	Name of Firm	Phone Number	Fax Number	Email
Suzanne Dombrowski, P.E., ENV SP	QA/QC Design	Sr. Engineer/ WPB Branch Manager	CMA	(954) 730-0707 x1035	(954) 730-2030	sdombrowski@chenmoore.com
David Castro, P.E.	Project Engineer	Sr. Engineer	CMA	(954) 730-0707 x1060	(954) 730-2030	dcastro@chenmoore.com
Todd Nochomson	Sr. Designer	Sr. Designer	CMA	(954) 730-0707 x1095	(954) 730-2030	tnochomson@chenmoore.com
Carlos Tijerino	Permitting	Associate Engineer	CMA	(954) 730-0707 x1034	(954) 730-2030	ctijerino@chenmoore.com
Matt O'Rourke	Construction Engineering Inspection	Sr. Construction Specialist	CMA	(954) 730-0707	(954) 730-2030	morourke@chenmoore.com
Manuel Caamano	Construction Engineering Inspection	Construction Specialist	CMA	(954) 730-0707	(954) 730-2030	mcaamano@chenmoore.com
Lee Reumann, PLS	SUE Services	Regional Survey Manager	InfraMap Corp	(804) 550-2937	(804) 550-3296	lreumann@inframap.net
Andres Garcia	SUE Services	Utility Location Manager	InfraMap Corp	(804) 550-2937	(804) 550-3296	agarcia@inframap.net
Mark Meyers	MOT Planning Services	Owner	MOT Plans	(954) 914-6770	(954) 759-9186	mark@motplans.com
Sattya Sukhu	MOT Planning Services	Co-Owner	MOT Plans	(954) 347-5124	(954) 759-9186	sattya@motplans.com

Qualifications of the Firm

Certificate of Insurance



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

01/20/2021

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

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

PRODUCER Alliant Insurance Services Houston, LLC 5444 Westheimer, Suite 900 Houston, TX 77056	CONTACT NAME: Brett Sauer	
	PHONE (A/C, No, Ext): 602-707-1931	FAX (A/C, No): 602-707-1932
	E-MAIL ADDRESS: Brett.Sauer@alliant.com	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A: Greenwich Insurance Company	NAIC # 22322
	INSURER B: Starr Indemnity & Liability Company	38318
INSURED Murphy Pipeline Contractors, LLC 12235 New Berlin Road Jacksonville, FL 32226	INSURER C: XL Specialty Insurance Company	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	COMMERCIAL GENERAL LIABILITY <input checked="" type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:			CGD740922007	04/01/2020	04/01/2021	EACH OCCURRENCE \$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000
							MED EXP (Any one person) \$ 10,000
							PERSONAL & ADV INJURY \$ 1,000,000
							GENERAL AGGREGATE \$ 2,000,000
							PRODUCTS-COMP/OP AGG \$ 2,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS			CAD740922107	04/01/2020	04/01/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000
							BODILY INJURY (Per person) \$
							BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
B	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$			1000585633201	04/01/2020	04/01/2021	EACH OCCURRENCE \$ 4,000,000
							AGGREGATE \$ 4,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input checked="" type="checkbox"/> Y/N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		CWD740921907	04/01/2020	04/01/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER
							E.L. EACH ACCIDENT \$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
							E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Murphy Pipeline Contractors, LLC added to the program effective 09/30/2020.

CERTIFICATE HOLDER

CANCELLATION

Murphy Pipeline Contractors, LLC 12235 New Berlin Road Jacksonville, FL 32226	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE

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ACORD 25 (2016/03)

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

2/8/2021

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

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PRODUCER Libertate Insurance Services, LLC 20 N. Orange Avenue, Suite 500 Orlando, FL 32801 www.libertateins.com	CONTACT Engage PEO Certificate of Insurance Dept. PHONE (A/C, No, Ext): 727-565-2950 FAX (A/C, No): 727-214-9088 E-MAIL ADDRESS: wc@engagepeo.com INSURER(S) AFFORDING COVERAGE INSURER A: Illinois National Insurance Co. NAIC # 23817 INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:
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COVERAGES

CERTIFICATE NUMBER: 60070730

REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:					EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$ \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N <input checked="" type="checkbox"/> N <input type="checkbox"/> N/A		WC020733749 (FL)	1/1/2021	1/1/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

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

Coverage is provided to the leased employees of, but not the subcontractors of, The S2 HR Group, LLC dba Engage PEO (A PEO) Chen Moore & Associates, Inc. (A client of PEO)

RE-BID Design Build Pump Station B-4 Redundant Force Main P12567 RFP 12470-416

CERTIFICATE HOLDER

191083-FL

 City of Fort Lauderdale
 100 N Andrews Avenue, Suite 619
 Fort Lauderdale FL 33301

CANCELLATION

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

AUTHORIZED REPRESENTATIVE

Paul R. Hughes

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60070730 | 21/22 WC (Florida Master Only) Ill National | Tracy Culley | 2/8/2021 5:37:55 PM (EST) | Page 1 of 2
 This certificate cancels and supersedes ALL previously issued certificates.

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

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

This endorsement, effective 12:01 AM

forms a part of Policy No. WC020733749 (FL)

Issued to The S2 HR Group, LLC dba Engage PEO (A PEO)
Chen Moore & Associates, Inc. (A client of PEO)

By Illinois National Insurance Co.

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

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

Schedule

Blanket Waiver of Subrogation applies as
per written contract

This form is not applicable in Kansas for private construction contracts as defined in K.S.A. 16-1801 through K.S.A. 16-1807 or public construction contracts as defined in K.S.A. 16-1901 through 16-1908, except where permitted by statute or other applicable law, such as for use in wrap-up insurance programs.

Any person or organization for which the employer has agreed by written contract, executed prior to loss, may execute a waiver of subrogation. However, for purposes of work performed by the employer in Missouri, this waiver of subrogation does not apply to any construction group of classifications as designated by the waiver of right to recover from others (subrogation) rule in our manual.

This form is not applicable in California, Kentucky, New Hampshire, New Jersey, Texas, or Utah.

WC 00 03 13
(Ed. 04/84)

Countersigned by



2/8/2021

Authorized Representative



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

02/08/2021

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

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PRODUCER Lassiter-Ware Insurance 1300 N. Westshore Blvd. Suite 110 Tampa FL 33607		CONTACT NAME: Wendy Tyree PHONE (A/C, No, Ext): (800) 845-8437 FAX (A/C, No): (888) 883-8680 E-MAIL ADDRESS: wendyt@lassiterware.com	
INSURED Chen Moore & Associates, Inc. 500 W. Cypress Creek Road Suite 630 Fort Lauderdale FL 33309		INSURER(S) AFFORDING COVERAGE INSURER A: Crum & Forster Specialty Insurance Co. NAIC # 44520 INSURER B: Old Dominion Insurance Co. 40231 INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 21-22 Cert

REVISION NUMBER:

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INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractors Pollution Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y		EPK133473	01/01/2021	01/01/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			B1T2667W	01/01/2021	01/01/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ PIP-Basic \$ 10,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			EFX116639	01/01/2021	01/01/2022	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y / N <input type="checkbox"/> N / A If yes, describe under DESCRIPTION OF OPERATIONS below						PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Professional Liability (Claims-Made) Limits included with General Liability			EPK133473	01/01/2021	01/01/2022	Each Claim \$1,000,000 Aggregate \$2,000,000

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

Re: RE-BID Design Build Pump Station B-4 Redundant Force Main P12567 - RFP 12470-416
 The City of Fort Lauderdale is included as additional insured under the terms and conditions of the attached forms on the General Liability and Automobile Liability policies, on a primary and non-contributory basis, when additional insured status is required by written contract. Business Auto Cancellation: Thirty (30) days' notice except for Ten (10) days' notice for non-payment of premium.

CERTIFICATE HOLDER

CANCELLATION

The City of Fort Lauderdale 100 N. Andrews Avenue Fort Lauderdale FL 33301	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
--	---

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
CONTRACTORS POLLUTION LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) or Organization(s)
Where Required By Written Contract.

SECTION III – WHO IS AN INSURED within the Common Provisions is amended to include as an additional insured the person(s) or organization(s) indicated in the Schedule shown above, but only with respect to liability caused, in whole or in part, by "your work" for that insured which is performed by you or by those acting on your behalf.

ALL OTHER TERMS AND CONDITIONS OF THE POLICY REMAIN UNCHANGED.

EN0111-0211

Page 1 of 1

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Additional Person(s) or Organization(s):	Location And Description Of Completed Operations
Where Required By Written Contract.	Where Required By Written Contract.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section III – Who Is An Insured within the Common Provisions is amended to include as an insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for “bodily injury” or “property damage” caused, in whole or in part, by “your work” at the location designated and described in the schedule of this endorsement performed for that additional insured and included in the “products-completed operations hazard”.

EN0320-0211

Page 1 of 1

POLICY NUMBER: B1T2667W

COMMERCIAL AUTOMOBILE

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**COMMERCIAL AUTOMOBILE ELITE ENDORSEMENT**

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

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

1. BROAD FORM INSURED**A. Subsidiaries and Newly Acquired or Formed Organizations**

The Named Insured shown in the Declarations is amended to include:

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

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

B. Employees as InsuredsParagraph **A.1. - WHO IS AN INSURED - of SECTION II - LIABILITY COVERAGE** is amended to add:

Any "employee" of yours while using a covered "auto" you don't own, hire or borrow in your business or your personal affairs.

C. Lessors as InsuredsParagraph **A.1 - WHO IS AN INSURED of Section II - LIABILITY COVERAGE** is amended to add:

- e. The lessor of a covered "auto" while the "auto" is leased to you under a written agreement if:
 - (1) The agreement requires you to provide direct primary insurance for the lessor and
 - (2) The "auto" is leased without a driver. Such a leased "auto" will be considered a covered "auto" you own and not a covered "auto" you hire.

2. ADDITIONAL INSURED BY CONTRACT, PERMIT OR AGREEMENTThe following is added to **A.1 WHO IS AN INSURED of SECTION II - LIABILITY COVERAGE**:Any person or organization for whom you are required to name as an additional insured in a written contract or agreement that is executed or signed by you prior to a "bodily injury" or "property damage" occurrence is an "insured" for liability coverage, but only to the extent that person or organization qualifies as an "insured" under the **WHO IS AN INSURED** provision contained in **SECTION II** of the coverage form.

If specifically required by the written contract or agreement referenced in the paragraph above, any coverage provided by this endorsement to an additional insured shall be primary and any other valid and collectible insurance available to the additional insured shall be non-contributory with this insurance. If the written contract does not require this coverage to be primary and the additional insured's coverage to be non-contributory, then this insurance will be excess

over any other valid and collectible insurance available to the additional insured.

3. AUTOS RENTED BY EMPLOYEES

Any "auto" hired or rented by your "employee" on your behalf and at your direction will be considered an "auto" you hire.

The **OTHER INSURANCE** Condition is amended by adding the following:

If an "employee's" personal insurance also applies on an excess basis to a covered "auto" hired or rented by your "employee" on your behalf and at your direction, this insurance will be primary to the "employee's" personal insurance.

4. HIRED AUTO PHYSICAL DAMAGE COVERAGE

If hired "autos" are covered "autos" for Liability Coverage and if Comprehensive, Specified Causes of Loss, or Collision coverages are provided under this Coverage Form for any "auto" you own, then the Physical Damage Coverages provided are extended to "autos" you hire or borrow, subject to the following limit. The most we will pay for "loss" to any hired "auto" is:

- (1) \$50,000;
- (2) The actual cash value of the damaged or stolen property at the time of the "loss"; or
- (3) The cost of repairing or replacing the damaged or stolen property,

whichever is smallest, minus a deductible. The deductible will be equal to the largest deductible applicable to any owned "auto" for that coverage. No deductible applies to "loss" caused by fire or lightning. Hired Auto Physical Damage coverage is excess over any other collectible insurance. Subject to the above limit, deductible and excess provisions, we will provide coverage equal to the broadest coverage applicable to any covered "auto" you own.

We will also cover loss of use of the hired "auto" if it results from an "accident", you are legally liable and the lessor incurs an actual financial loss, subject to a maximum of \$1,000 per "accident".

This extension of coverage does not apply to any "auto" you hire or borrow from any of your "employees", partners (if you are a partnership), members (if you are a limited liability company), or members of their households.

5. PHYSICAL DAMAGE – ADDITIONAL TEMPORARY TRANSPORTATION EXPENSE COVERAGE

Paragraph **A.4.a. of SECTION III – PHYSICAL DAMAGE COVERAGE** is amended to provide a limit of \$75 per day and a maximum limit of \$2,250.

6. EXTRA EXPENSE – BROADENED COVERAGE

Under paragraph **A. of SECTION III – PHYSICAL DAMAGE COVERAGE**, the following Coverage is added:

We will pay for the expense of returning a stolen covered "auto" to you subject to Paragraph **C. Limit of Insurance**.

7. LEASE GAP COVERAGE

Under **SECTION III - PHYSICAL DAMAGE COVERAGE**, if a long-term leased "auto" is a covered "auto" and the lessor is named as an Additional Insured - Lessor, we will pay in the event of a total "loss" your additional legal obligation to the lessor for any difference between the actual cash value of the "auto" at the time of the "loss" and the "outstanding balance" of the lease.

"Outstanding balance" means the amount you owe on the lease at the time of "loss" less any amounts representing taxes; overdue payments; penalties, interest or charges resulting from overdue payments; additional mileage charges; excess wear and tear charges; lease termination fees.

8. AIRBAG COVERAGE

Under Paragraph **B. Exclusions of SECTION III - PHYSICAL DAMAGE COVERAGE**, the following is added:

The exclusion relating to mechanical breakdown does not apply to the accidental discharge of an air bag.

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

The requirement in **2.a of A. Loss Conditions, 2. Duties in the Event Of Accident, Claim, Suit or Loss of SECTION IV – BUSINESS AUTO CONDITIONS** that you must notify us of an "accident" applies only when the "accident" is known to:

- (1) You, if you are an individual
- (2) A partner, if you are a partnership; or

- (3) A member, if you are a limited liability company; or
- (4) An executive officer or insurance manager, if you are a corporation.

10. UNINTENTIONAL FAILURE TO DISCLOSE HAZARDS

If you unintentionally fail to disclose any hazards existing at the inception date of your policy, we will not deny coverage under this Coverage Form because of such failure.

11. WAIVER OF SUBROGATION

Transfer Of Rights Of Recovery Against Others To Us of SECTION IV – BUSINESS AUTO CONDITIONS is amended by adding the following:

We waive any right of recovery we may have against any person or organization to or for whom we make payment and with whom you have a written contract that requires such waiver because of payments we make for damages under this Coverage Form.

12. RESULTANT MENTAL ANGUISH COVERAGE

The definition of "bodily injury" in **SECTION V – DEFINITIONS** is replaced by the following:

"Bodily injury" means bodily injury, sickness, or disease sustained by any person, including mental anguish or death resulting from any of these.

13. NOTICE OF CANCELLATION TO THIRD PARTY

The following is added to **A.2., Cancellation of COMMON POLICY CONDITIONS**

If we initiate a cancellation or non-renewal for any reason, other than non-payment of premium, we will mail notice of cancellation to the person or organization scheduled on the policy as an additional insured 30 days before the effective date of cancellation. We will mail such notice to the address of the Additional Insured scheduled on the policy and in at least 30 days before the effective date of the cancellation or non-renewal.

If the Insured initiates the cancellation or in case of non-payment of premium, we will not mail advance notice but, a final cancellation notice will be sent to the person or organization scheduled on the policy as an additional insured. We will mail such notice to the additional insured address upon final cancellation of the policy.

14. Vehicle wrap coverage

Paragraph **A. Coverage of SECTION III – PHYSICAL DAMAGE COVERAGE** is amended to include the following additional paragraph:

Vehicle Wrap

In the event of a "loss" to a covered "auto", we will provide the following coverage if such "loss" is caused by:

- A. Other than collision only if the Declarations indicates that comprehensive Coverage is provided for the covered "auto";
- B. Specified Causes Of Loss only if the Declarations indicates that Specified Causes Of Loss Coverage is provided for the covered "auto"; or
- C. Collision only if the Declarations indicates that Collision Coverage is provided for the covered "auto".

We will pay for "loss" to a "vehicle wrap" that is installed on the covered "auto". The most we will pay for "loss" is \$5,000 per policy period.

We will not pay for "loss" due to and confined to wear and tear; or damage to paint or the vehicle caused by faulty installation of a "vehicle wrap".

The "vehicle wrap" is subject to the Comprehensive deductible for the covered "auto", except in the event of a "loss" to a covered "auto" for which such vehicle is involved in a collision and there is both:

- (1) Collision damage to the vehicle; and
- (2) Damage to the "vehicle wrap"

Then the collision deductible will apply.

If the "vehicle wrap" is damaged in a collision the lesser of replacement cost or original purchase cost of the "vehicle wrap" will apply.

SECTION V. DEFINITIONS is amended to include the following additional definition.

"Vehicle Wrap" means self-adhesive vinyl decals or sheets applied to the exterior body or window of a covered "auto". Signs or other graphics painted or magnetically affixed to the vehicle are not considered vehicle wraps.

15. GARAGEKEEPERS

The most current version of endorsement CA 99 37 that is approved in your state is added to the policy on an Excess insurance basis with a maximum limit of \$10,000 and a \$500 deductible for each Customer's Auto for all perils. The limit is applicable on a blanket basis to all Insured owned locations.

16. ORIGINAL EQUIPMENT MANUFACTURER REPLACEMENT PARTS

SECTION III – PHYSICAL DAMAGE COVERAGE, C. Limits of Insurance, Paragraph 1. Is amended to include:

However, if the covered "auto" has less than 36,000 miles on its odometer, then the following condition will apply:

We will pay the cost to replace the damaged parts (excluding glass and mechanical parts) with new Original Equipment Manufacturer replacement parts if the damaged parts cannot be repaired.

17. FIRE DEPARTMENT SERVICE CHARGE

Paragraph A.4. Coverage Extensions of **SECTION III – PHYSICAL DAMAGE COVERAGE** is amended by adding the following:

c. Fire Department Service Charge

When a fire department is called to save or protect a covered "auto", its equipment, its contents, or occupants from a covered cause of loss, we will pay up to \$1,500 for your liability for fire department service charges:

- (1) Assumed by contract or agreement prior to loss; or
- (2) Required by local ordinance

No deductible applies to this additional coverage.

Previous Performance and Payment Bond



POWER OF ATTORNEY EVEREST REINSURANCE COMPANY DELAWARE

KNOW ALL PERSONS BY THESE PRESENTS: That Everest Reinsurance Company, a corporation of the State of Delaware ("Company") having its principal office located at 477 Martinsville Road, Liberty Corner, New Jersey 07938, do hereby nominate, constitute, and appoint: **Jessica L. Piccirillo**

its true and lawful Attorney-in-fact to make, execute, attest, seal and deliver for and on its behalf, as surety, and as its act and deed, where required, any and all bonds and undertakings in the nature thereof, for the penal sum of no one of which is in any event to exceed UNLIMITED, reserving for itself the full power of substitution and revocation.

Bond No.:

Principal:

Obligee:

Such bonds and undertakings, when duly executed by the aforesaid Attorney-in-fact shall be binding upon the Company as fully and to the same extent as if such bonds and undertakings were signed by the President and Secretary of the Company and sealed with its corporate seal.

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Board of Directors of Company ("Board") on the 28th day of July 2016:

RESOLVED, that the President, any Executive Vice President, and any Senior Vice President and Anthony Romano are hereby authorized by the Board as authorized to make, execute, seal and deliver for and on behalf of the Company, any and all bonds, undertakings, contracts or obligations in surety or co-surety with others and that the Secretary or any Assistant Secretary of the Company be and that each of them hereby is authorized to attest to the execution of any such bonds, undertakings, contracts or obligations in surety or co-surety and attach thereto the corporate seal of the Company.

RESOLVED, FURTHER, that the President, any Executive Vice President, and any Senior Vice President and Anthony Romano are hereby authorized to execute powers of attorney qualifying the attorney named in the given power of attorney to execute, on behalf of the Company, bonds and undertakings in surety or co-surety with others, and that the Secretary or any Assistant Secretary of the Company be, and that each of them is hereby authorized to attest the execution of any such power of attorney, and to attach thereto the corporate seal of the Company.

RESOLVED, FURTHER, that the signature of such officers named in the preceding resolutions and the corporate seal of the Company may be affixed to such powers of attorney or to any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be thereafter valid and binding upon the Company with respect to any bond, undertaking, contract or obligation in surety or co-surety with others to which it is attached.

IN WITNESS WHEREOF, Everest Reinsurance Company has caused their corporate seals to be affixed hereto, and these presents to be signed by their duly authorized officers this 28th day of July 2016.



Everest Reinsurance Company

Attest: Nicole Chase, Assistant Secretary

By: Anthony Romano, Vice President

On this 28th day of July 2016, before me personally came Anthony Romano, known to me, who, being duly sworn, did execute the above instrument; that he knows the seal of said Company; that the seal affixed to the aforesaid instrument is such corporate seal and was affixed thereto; and that he executed said instrument by like order.

LINDA ROBINS
Notary Public, State of New York
No 01R06239736
Qualified in Queens County
Term Expires April 25, 2023

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company, at the Liberty Corner, this _____ day of _____, 20____.

ES 00 01 04 16

Workload of the Firm

No.	Name of Project Owner	Total Contract Value	Contracted Date of Completion	Total Completed and Paid to Date - December 2020	% Completion	Comments
1	Bal Harbour Phase 3A Water Main Replacement	\$984,702.52	Piggyback Contract - No Dates	\$947,097.45	96%	Project has been completed. It is currently being closed out.
2	Bal Harbour Phase 4 - 16" Water Main Replacement	\$1,887,664.04	Piggyback Contract - No Dates	\$1,543,387.04	82%	Project is being coordinated with Phase 3B. Additionally, we will not be maximizin the contract value. We have approximately 400 LF to complete project.
3	Bal Harbour Phase 3B Water Main Replacement	\$1,090,617.72	Piggyback Contract - No Dates	\$450,474.59	41%	Construction Ongoing
4	Florida City Force Main 1 and 2 Replacement	\$647,744.00	3/15/21	\$371,445.00	57%	
5	Miami-Dade WASD Rehabilitation of 54-inch of PCCP Water Main	\$4,660,000.00	7/26/21	\$1,425,200.00	31%	Time Extension in process to be approved. Delay caused by COVID. We were unable to get permits in a timely matter.
6	City of Fort Lauderdale Victoria Park 'A & B' (NORTH & SOUTH) - Small Water Main Improvements	\$10,915,363.44	9/19/21	\$9,743,584.32	89%	
7	City of Fort Lauderdale North Redundant Sewer Force Main	\$27,913,506.19	8/16/21	\$22,942,877.33	82%	
8	The Standard	\$612,750.00	5/31/21	\$156,398.50	26%	Project is ongoing.

Firms Past Experience

#	Project	Gravity Sewer (linear feet)	Pressure Pipe (lf)		Trenchless Technologies (HDD, Pipe Bursting, Swagelining)	Office Location	Owner
			FM	WM			
1	Misc. City of Fort Lauderdale Projects (Numerous Projects)	22,400	48,440	96,926	Pipe Bursting, HDD, Swagelining	Broward	Fort Lauderdale, FL
2	Bal Harbour Phase 3A Watermain Improvements			10,710	Pipe Bursting, HDD	Broward	Bal Harbour, FL
3	Bal Harbour Phase 4 Watermain Improvements			5,384	Open Cut and, HDD	Broward	Bal Harbour, FL
4	Central Seacrest Corridor Drainage Improvements and WM Replacement			22,483	Pipe Bursting, HDD	Broward	Boynton Beach, FL
5	Florida City Force Main Phase 1 and 2		3,890		HDD	Broward	Florida City, FL
6	Wilton Drive watermain Improvements	-	-	5,870	Pipe Bursting, HDD	Broward	Wilton Manors, FL
7	City of Coral Gables Plaza Gravity Sewer Replacement	1,444			Pipe Bursting	Broward	Coral Gables, FL
8	Sanders Park Small Watermain Improvement Project			1,400	Pipe Bursting	Broward	Pompano Beach, FL
9	Arlington and Sherwood Water Main Replacement Phase 1-6			9,880	Pipe Bursting	Broward	Fort Wayne, IN
10	San Sebastian NEP - Pipe Bursting			11,090	Pipe Bursting	Broward	Altamonte Springs, FL
10	The Standard Gravity Pipe Bursting	559			Pipe Bursting	Broward	Coral Gables, FL
11	Miami-Dade WASD Rehabilitation of 54-Inch PCCP Force Main on W. Flagler Street Contract No. S-916		3,850		Swagelining	Broward	Miami-Dade WASD, FL
12	Neighborhood Program - District 4	-	-	4,600	Pipe Bursting	Broward	Lake Worth, FL

Qualifications of the Firm

#	Project	Gravity Sewer (linear feet)	Pressure Pipe (lf)		Trenchless Technologies (HDD, Pipe Bursting, Swagelining)	Office Location	Owner
			FM	WM			
13	NE 3rd Av. Watermain Improvements	-	-	1,500	Pipe Bursting	Broward	Wilton Manors, FL
14	NE 2nd Av. Watermain Improvements	-	-	1,500	Pipe Bursting	Broward	Wilton Manors, FL
15	Cypress Point Small Water Main Improvement Project			3,200	Pipe Bursting	Broward	Pompano Beach, FL
16	NE 6th Ave. watermain Improvements	-	-	1,750	Pipe Bursting	Broward	Wilton Manors, FL
17	NE 26th Street watermain Improvements	-	-	4,470	Pipe Bursting	Broward	Wilton Manors, FL
18	2018 Water Main Replacement			25,400	Pipe Bursting	Jacksonville	Arlington, Texas
19	Summit Drive Water Line Replacement			3,500	Pipe Bursting	Jacksonville	Mesquite, Texas
20	Brook Hollow & Village Brantley Pre-Chlorinated Pipe Bursting			7,700	Pipe Bursting	Broward	Altamonte Springs, FL
21	Independence Boulevard, Force Main		1,400		Pipe Bursting	Broward	Groveland, FL
22	Central Seacrest Corridor Drainage Improvements and WM Replacement			22,483	Pipe Bursting, HDD	Broward	Boynton Beach, FL
23	SSNOCWTA C-22 PVC Pipeline Replacement Project		18,015		Pipe Bursting	Broward	South Seminole, North Orange County Water Transmission Authority
24	Sanitary Sewer Gravity	524			Pipe Bursting	Broward	Coral Gables, FL
25	Water Distribution Upgrades			11,850	Pipe Bursting	Broward	Boynton Beach, FL
26	McKinney Texas Forrest Hills - Clublake Lakeside			8,400	Pipe Bursting	Jacksonville	McKinney, Texas

Qualifications of the Firm

#	Project	Gravity Sewer (linear feet)	Pressure Pipe (lf)		Trenchless Technologies (HDD, Pipe Bursting, Swagelining)	Office Location	Owner
			FM	WM			
27	Casselberry Emergency Services		550		Pipe Bursting	Broward	Casselberry, FL
28	2018 Water Main Replacement (Green Valley / Arborcrest)			1,554	Pipe Bursting	Jacksonville	Balch Springs, TX
29	Water Main Replacement Project			48,600	Pipe Bursting	Jacksonville	Harris County Municipal Utility District No. 5, TX
30	2017 Water Main Renewal Project No. WUWS17012			22,430	Pipe Bursting	Jacksonville	Arlington, Texas
31	Water Line Rehab Phase 2 Project			11,535	Pipe Bursting	Jacksonville	Killeen, TX
32	Northeast Watermain Improvements Project 125.018			5,545	Pipe Bursting	Broward	Wilton Manors, FL
33	TSTC Water & Sewer Improvements	15,500		14,700	Pipe Bursting	Broward	Texas State Technical College, Waco, TX
34	State Road A1A Water Main Improvements			3,400	Pipe Bursting	Broward	Pompano Beach, FL
35	Phillips Highway Force Main Replacement		2,300		Swagelining	Jacksonville	Jacksonville Electric Authority
36	University Drive Water Main Upgrade			4,059	Pipe Bursting	Broward	Tamarac, FL
37	City of Hollywood Pilot Project		675		Pipe Bursting	Broward	Hollywood, FL
38	East Sunrise Water Main Replacement			995	Pipe Bursting	Broward	Sunrise, FL
39	Sunrise Escape / Valencia Water Main Improvements			31,650	Pipe Bursting	Broward	Sunrise, FL
40	2017 Pipe Bursting Water Main Replacement			1,742	Pipe Bursting	Jacksonville	Balch Springs, TX
41	8" Water Main Replacement - Sunset Strip			1,000	Pipe Bursting	Broward	Sunrise, FL

Qualifications of the Firm

#	Project	Gravity Sewer (linear feet)	Pressure Pipe (lf)		Trenchless Technologies (HDD, Pipe Bursting, Swagelining)	Office Location	Owner
			FM	WM			
42	Gravity Sewer Main Rehab	286			Pipe Bursting	Broward	Pompano Beach, FL
43	San Castle Blvd. Water Main Replacement			5,274	Pipe Bursting	Broward	Boynton Beach, FL
44	NE 20th Avenue Water Main Replacement			1,620	Pipe Bursting	Broward	Boynton Beach, FL
45	Brown & Wilkinson Road Water Main Replacement			964	Pipe Bursting	Broward	Boynton Beach, FL
46	Rehabilitating with Pre-Chlorinated Pipe Bursting Project Phase 2			5,036	Pipe Bursting	Jacksonville	El Paso, TX
47	Dommerich Hills Pipe Bursting Project Phase 2			14,295	Pipe Bursting	Broward	Casselberry, FL
48	N Ector Drive Water Main Replacement			1,477	Pipe Bursting	Jacksonville	Euless, TX
49	FY 2016 Waterline Replacement Project			1,214	Pipe Bursting	Jacksonville	Euless, TX
50	Northport Water Main Replacement Phase 3			5,518	Pipe Bursting	Broward	Port St. Lucie, FL
51	Westside Water Main Loop			2,215	Pipe Bursting	Broward	Clermont, FL
52	2016 Pipe Bursting Water Main Replacement			1,554	Pipe Bursting	Jacksonville	Balch Springs, TX
53	Shaker Village Pipe Bursting Project UT-16C			8,500	Pipe Bursting	Broward	Tamarac, FL
54	Dommerich Hills Pipe Bursting Project Phase 1			12,386	Pipe Bursting	Broward	Casselberry, FL
55	Pre-Chlorinated Pipe Bursting Work Assignment 2			7,376	Pipe Bursting	Broward	Altamonte Springs, FL
56	2015 Trenchless Water Line Renewals			13,280	Pipe Bursting	Broward	Arlington, Texas
57	Spyglass Pipe Bursting Project			4,000	Pipe Bursting	Broward	Tamarac, FL

Qualifications of the Firm

#	Project	Gravity Sewer (linear feet)	Pressure Pipe (lf)		Trenchless Technologies (HDD, Pipe Bursting, Swagelining)	Office Location	Owner
			FM	WM			
58	Pre-Chlorinated Pipe Bursting Work Assignment 1			8,000	Pipe Bursting	Broward	Altamonte Springs, FL
59	Replacement of 6" Waterline Arlington National Cemetery Phase 1-6			53,640	Pipe Bursting	Broward	US Army, Arlington National Cemetery, Virginia
60	Phase 4 Eagles Nest Subdivision			9,950	Pipe Bursting	Broward	Round Rock, TX
61	Northport Water Main Replacement Phase 2			4,400	Pipe Bursting	Broward	Port St. Lucie, FL
62	2015 Water Main Replacement Program			4,300	Pipe Bursting	Jacksonville	Gross Pointe Farms, MI
63	Golden Shores Water Main Replacement Phase 2 and 3			7,800	Pipe Bursting	Broward	North Miami Beach, FL
64	Pump Station No. 10 Force Main Rehabilitation Project		2,000		Swagelining	Broward	Madison Metropolitan Sewerage District, WI
65	16" Transmission Main Rehabilitation Coolidge Highway		5,385		Swagelining	Jacksonville	Southeastern Oakland County Water Authority, Oakland County, MI
66	42" Force Main Rehabilitation		2,400		Pipe Bursting	Broward	New Orleans Water & Sewer Board, LA
67	36th Street Water Rehabilitation			1,250	Slip Lining	Jacksonville	MUD, Omaha, NE
68	NW 47th Terrace Pipe Bursting Project			2,830	Pipe Bursting	Broward	Tamarac, FL
69	Eagle Circle Force Main Replacement		8,016		Pipe Bursting	Broward	South Seminole, North Orange County Water Transmission Authority

Qualifications of the Firm

#	Project	Gravity Sewer (linear feet)	Pressure Pipe (lf)		Trenchless Technologies (HDD, Pipe Bursting, Swagelining)	Office Location	Owner
			FM	WM			
70	Golden Shores Water Main Replacement Phase 1			3,650	Pipe Bursting	Broward	North Miami Beach, FL
	TOTAL	40,713	96,921	587,835			

Qualifications of the Firm



RFP No. 12470-416 Re-Bid Design-Build Pump Station B-4
Redundant Force Main P12567

BidSync



2-27

CAM 21-0345
Exhibit 8
Page 55 of 156

Chen Moore and Associates Experience							
#	Project	Gravity Sewer (linear feet)	Pressure Pipe (lf)		Trenchless Technologies (HDD, Pipe Bursting, Swagelining)	Office Location	Owner
			FM	WM			
1	Southgate Blvd & Rock Island FM	-	5,850	-	HDD	Broward	City of Margate
2	18th Street Forcemain	-	2,760	-	HDD	Broward	City of Margate
3	2019 watermain improvements	-	-	7,250	HDD	Broward	City of Margate
4	Country Club Ranches	-	-	16,000	HDD	Broward	City of Miramar
5	Kyoto Gardens Forcemain Crossing;	-	1,100	-	HDD	Broward	Seacoast Utilities
6	Blue Heron Intracoastal Watermain	-	-	3,400	HDD	Broward	Riviera Beach
7	Blue Heron Intracoastal Forcemain	-	4,100	-	HDD	Broward	Riviera Beach
8	Eastside Watermain Commercial Boulevard	-	-	5,800	HDD	Broward	Tamarac
9	Eastside Watermain Prospect Road	-	-	4,800	HDD	Broward	Tamarac
10	Jenada Isles watermain Improvements	-	-	4,030	pipe bursting and HDD	Broward	Wilton Manors
11	Broward County UAZ 110/111	51,230	3,700	66,220	pipe bursting and HDD	Broward	Broward County
12	Broward County UAZ 113A	19,850	4,765	27,330	pipe bursting and HDD	Broward	Broward County
13	Broward County UAZ 113B	38,100	1,280	60,760	-	Broward	Broward County
14	Broward County UAZ 314/316/318	35,620	-	73,987	-	Broward	Broward County
15	Broadview Park BP2	36,708	15,660	-	-	Broward	Broward County
16	Broadview Park BP3	46,770	6,200	-	-	Broward	Broward County
17	Broadview Park BP1	-	-	105,140	-	Broward	Broward County
18	2017 Watermain Improvements	-	-	11,940	-	Broward	City of Margate
19	Neighborhood Program - District 4	-	-	4,600	pipe bursting	Broward	Lake Worth

Qualifications of the Firm

Chen Moore and Associates Experience							
#	Project	Gravity Sewer (linear feet)	Pressure Pipe (lf)		Trenchless Technologies (HDD, Pipe Bursting, Swagelining)	Office Location	Owner
			FM	WM			
20	NE 3rd Av. Watermain Improvements	-	-	1,500	pipe bursting	Broward	Wilton Manors
21	NE 2nd Av. Watermain Improvements	-	-	1,500	pipe bursting	Broward	Wilton Manors
22	Wilton Drive watermain Improvements	-	-	5,870	pipe bursting	Broward	Wilton Manors
23	NE 6th Ave. watermain Improvements	-	-	1,750	pipe bursting	Broward	Wilton Manors
24	NE 26th Street watermain Improvements	-	-	4,470	pipe bursting	Broward	Wilton Manors
25	Indian River Drive watermain improvements	-	-	4,540	pipe bursting	Palm Beach	Town of Jupiter Island
	TOTAL	228,278	45,414	410,887			

Qualifications of the Firm



Firms Past Experience

CITY OF WILTON MANORS WILTON DRIVE WATER MAIN REPLACEMENT

Owner

City of Wilton Manors
2020 Wilton Drive
Wilton Manors, FL 33305

David Archacki
Director, EM/Utilities
(954) 390-2129
darchacki@wiltonmanors.com

Engineer

Chen Moore & Associates
500 W. Cypress Creek Road, Suite 630
Fort Lauderdale, FL 33309
(954) 730-0707

Contract Amount

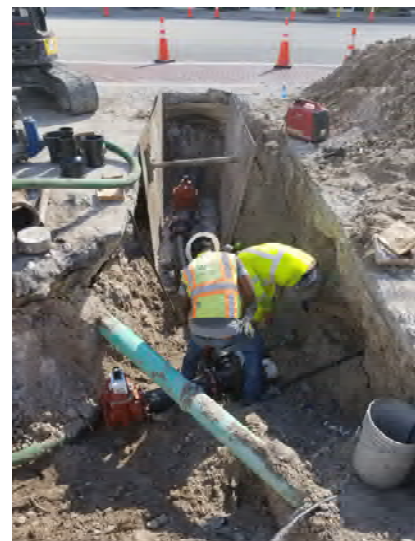
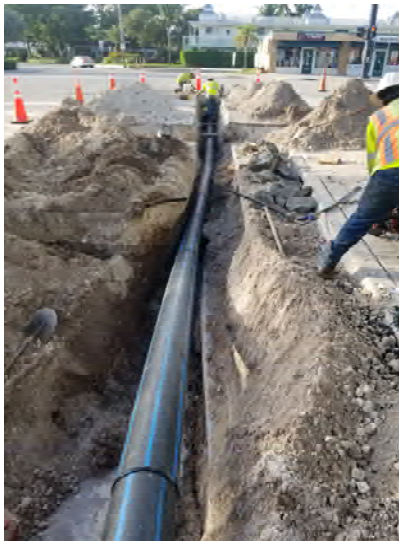
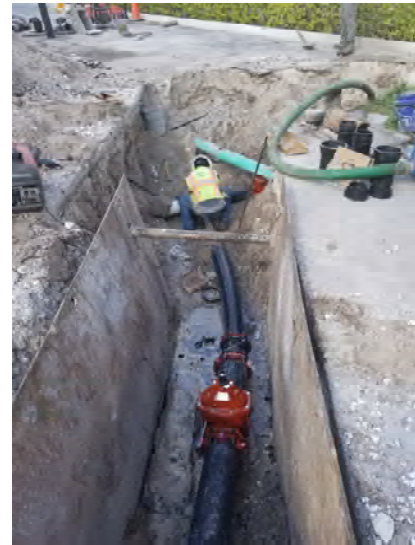
\$903,500.00

Key Staff

Andy Mayer, Principal
Richard Crow, Design-Build Manager
David Marin, Construction Manager

The project consisted of water main replacement along Wilton Drive between NE 19th Street and NE 26th Street and NE 21st Street between Wilton Drive and NE 3rd Avenue. Project included approximately 4800 LF of 8-Inch HDPE and 700 of 6-inch HDPE that was installed via pre-chlorinated pipe bursting. Additionally, the project included 15 interconnections along Wilton Drive, 8 new fire hydrants, 26 water services, 6 6-Inch Gate Valves, 17 8-Inch Gate Valves, and the permanent asphalt patch of the pits for approximately 2,500 SY. We performed 3 Directional Drills for the water main crossings at 20th Street and Wilton Drive; 7th Avenue and Wilton Drive; and, 6th Avenue and Wilton Drive.

Chen Moore was the Engineer of Record and DBE was the HDD Subcontractor.



Qualifications of the Firm

CITY OF BOYNTON BEACH CENTRAL SEACREST

Owner

City of Boynton Beach
124 East Woolbright Road
Boynton Beach, FL 33435

Joseph Paterniti, P.E.
Utilities Director
(561) 742-6423
paternitij@bbfl.us

Contract Amount

\$2,298,529.04

Key Staff

Andy Mayer, Principal
Richard Crow, Project Manager
Ernie Brown, Construction Manager

The proposed improvements are water main replacement, moving back yard water meters to front yards, storm water system upgrades, pavement overlay, roadside swales, driveway aprons, sidewalks and wastewater force main.

The Central Seacrest Corridor Utility Improvements Phase 2 project was further divided into two general areas. Phase 2a, the Forest Park neighborhood improvement area, is generally bordered on the north by SW 4th Avenue, on the east by the FEC Railroad, on the south by Woolbright Road, and on the west by SW 4th Street. Phase 2b, the proposed wastewater force main, begins from SW 3rd Street and generally goes southeast across Seacrest Boulevard, Woolbright Road, FEC Railroad, US-1 and the Intracoastal Waterway (ICWW), ending in Chickasaw Avenue.

Murphy Pipeline Contractors was a subcontractor to Ric-Man International to perform pipe bursting on the entire existing system. MPC replaced approximately 31,835 LF of 6-inch and 8-inch HDPE via pipe bursting or HDD. 8,672 LF of 8-Inch HDD was performed on the project including 364 rear service conversions.



Qualifications of the Firm

BAL HARBOUR VILLAGE PHASE 3A WATER MAIN REPLACEMENT

Owner

Bal Harbour Village
2020 Wilton Drive
Wilton Manors, FL 33305

Mike Alvarez
Utility Compliance Officer
(786) 566-3462

Engineer

Calvin, Giordano & Associates, Inc.
1800 Eller Drive, Suite 600
Fort Lauderdale, FL 33316
(954) 921-7781
Bob McSweeney
bmcsweney@cgasolutions.com

Contract Amount

\$1,887,664.04

Key Staff

Richard Crow, Design-Build Manager
Victor G. Menocal, Senior Project Manager
Aaron Pigna, Project Manager
David Marin, General Superintendent
John Underwood, Superintendent

The project entails the water main replacement of an existing 6-inch water main via pipe bursting and horizontal direction drill with a 8-inch and 10-inch HDPE water main. Approximately 1,100 LF of 10-Inch HDPE water main was pipe burst on Park Drive between Harbour Way north and Bal Bay Drive. Furthermore, we replaced approximately 1,400 LF of 8-Inch HDPE via Pipe Bursting from Bal Cross Drive from Bal Bay Drive to Harbour Way north. Project also included the rear service conversions of 36 properties.

Chen Moore was the Engineer of Record and DBE was the HDD Subcontractor.



Qualifications of the Firm

BAL HARBOUR VILLAGE PHASE 4 20-INCH WATER MAIN REPLACEMENT

Owner

Bal Harbour Village
2020 Wilton Drive
Wilton Manors, FL 33305

Mike Alvarez
Utility Compliance Officer
(786) 566-3462

Engineer

Chen Moore & Associates
500 W. Cypress Creek Road, Suite 630
Fort Lauderdale, FL 33309
(954) 730-0707
Greg Mendez
gmendez@chenmoore.com

Contract Amount

\$1,887,664.04

Key Staff

Richard Crow, Design-Build Manager
Victor G. Menocal, Senior Project Manager
Aaron Pigna, Project Manager
David Marin, General Superintendent
John Underwood, Superintendent

The Village utility system contains a sixteen-inch (16-Inch) diameter emergency water transmission line which is used to supply water from the City of North Miami Beach to the Village in the event the Miami-Dade County water service is disrupted. This water transmission line is critical to the Village since it serves as their main backup water source. Additionally, since it is connected as part of the water system loop, it serves to enhance the water pressure within the Village. The DIP constructed water transmission line in service since 1967, has been inspected and due to the identified asbestos concrete wrapping, requires replacement. The contracted increased in diameter the water main from 16-inches to 20-inches in diameter. We installed 4,690 LF of 20-Inch HDPE with numerous open cut interconnections to existing 4-Inch, 8-Inch, 10-Inch and 18-Inch water mains.

Chen Moore was the Engineer of Record and DBE was the HDD Subcontractor.



Qualifications of the Firm

CITY OF FLORIDA CITY PROJECT NOS. 10 & 11: FORCE MAIN 1 AND 2 REPLACEMENT

Owner

City of Florida City
404 West Palm Drive
Florida City, FL 33034

Pedro D. Gonzalez, P.E.
City Engineer for the City of Florida City
(305) 598-0199
pgonzalez@baljet.com

Engineer

Baljet Environmental, Inc.
10661 North Kendall Drive
Suite 218
Miami, FL 33176
(305) 598-0199

Contract Amount

\$642,744.00

Key Staff

Gustavo Rodriguez, Project Manager
David Marin, General Superintendent

The project consisted of the force main replacement along Krome Avenue from just south of West Palm Drive at Pump Station No. 8 to the interconnection at W. Davis Parkway. The project replaced 4" and 10" diameter force main using Horizontal Directional Drill method. The project replaced approximately 2,700 LF of 12" HDPE; 1,100 LF of 6-inch HDPE; 4 ARVs; and the interconnections to Pump Stations 8, 7 and 99-1073-A.



Qualifications of the Firm

Kyoto Gardens 24 in WM Crossing of the FEC Railroad and SR811 (R2086) Palm Beach Gardens, Florida

Start/Completion Dates

2020-ongoing

Original Budget/Final Cost

\$135,600/\$135,600 (fee)

Fee

\$135,600

Client

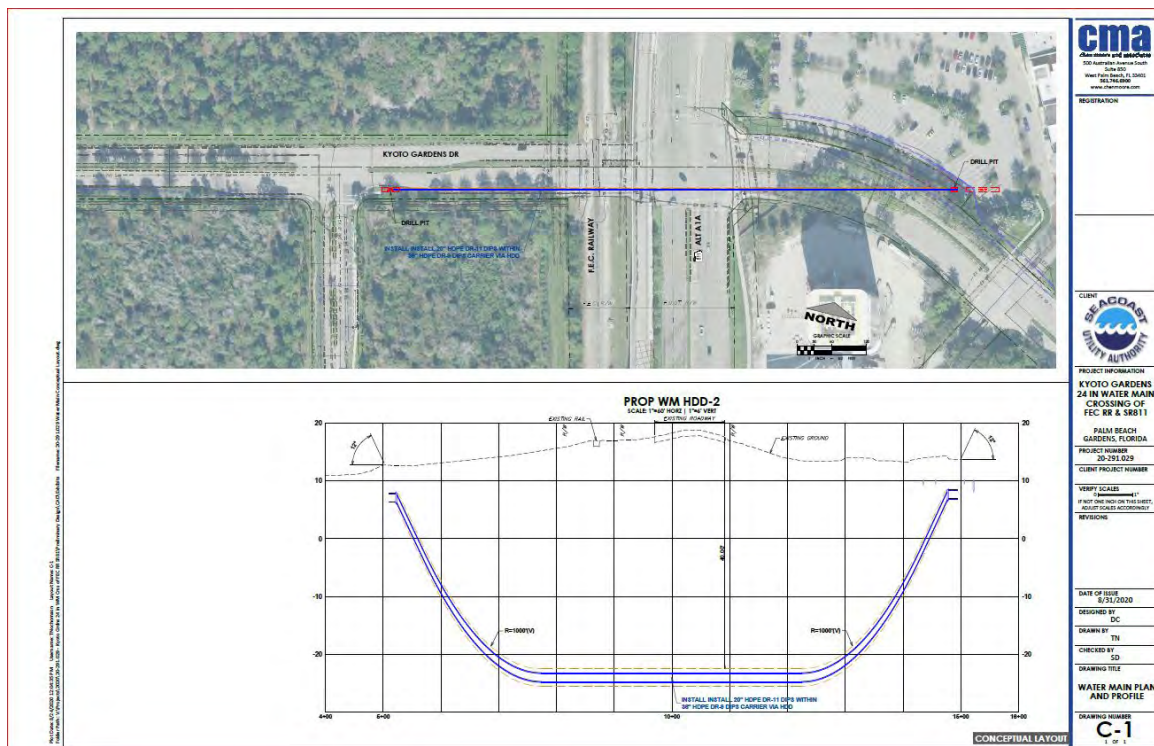
Seacoast Utility Authority
Brandon Selle, P.E.
4200 Hood Road
Palm Beach Gardens, FL 33401
(561) 627.2900 x 1316
bselle@sua.com

Present Status of Project

Ongoing

The project will include surveying and engineering services for the design and permitting of approximately 1,200 feet of 24-inch water main. The purpose of the water main is to serve a new Florida Power and Light development on the southwest corner of Kyoto Gardens Drive and SR 811. The proposed water main will connect on the west side of the project area to a proposed 24-inch water main at Kyoto Gardens Drive and the re-aligned RCA Center Drive and on the east to an existing 24-inch water main on the northeast corner of Kyoto Gardens Drive and SR 811. The water main will be horizontally directionally drilled under the Florida East Coast Railway (FEC) railroad tracks and SR 811. It is expected that the water main will be in a 36 to 40-inch HDPE casing.

Qualifications of the Firm



Intracoastal Waterway 16-in I.D. WaterMain Crossing - PO 20203255-01 Riviera Beach, Florida

Start/Completion Dates

2020-2022

Original Budget/Final Cost

\$362,743/\$362,743 (fee)

Fee

\$362,743

Client

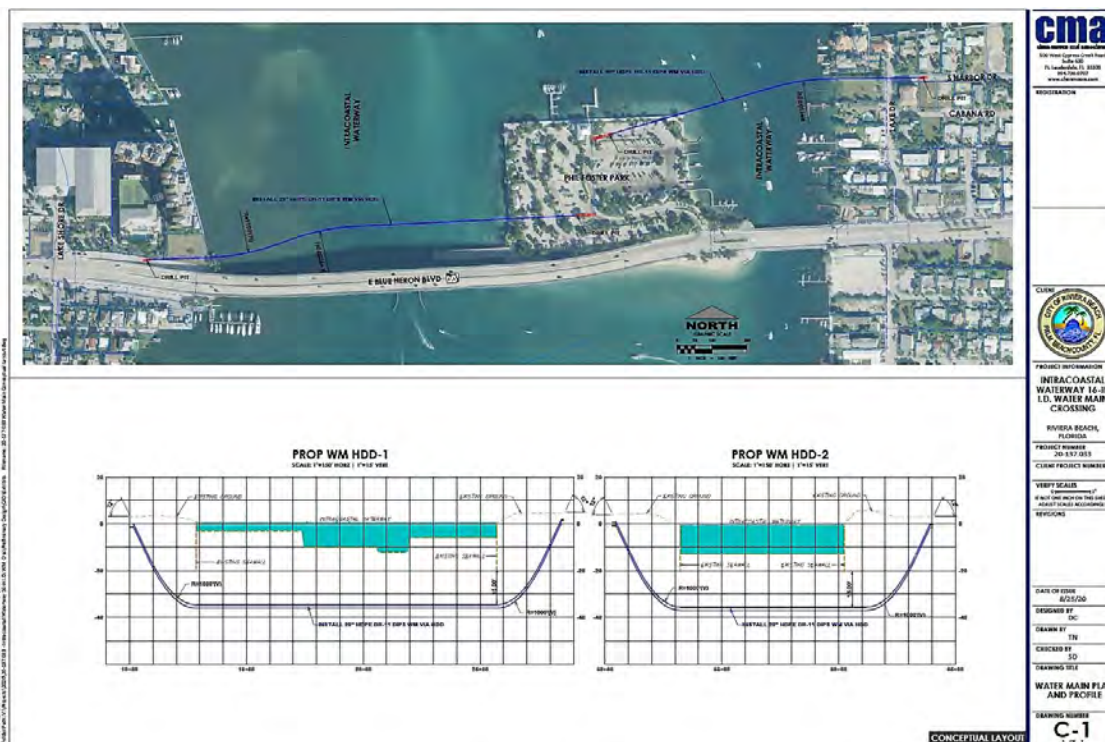
City of Riviera Beach Utility District
John Armstrong
600 W Blue Heron Blvd.
Riviera Beach, FL 33404
(561) 845-4185
JArmstrong@rivierabeach.org

Present Status of Project

Ongoing

The 2013 Water and Wastewater Master Plan identified the need for replacement of the existing 16-inch water main crossing the Intracoastal Waterway at Blue Heron Boulevard. It is estimated that the project will consist of approximately 4,000 LF of 16-inch I.D. water main installed via horizontal directional drill and 1,500 LF of 16-inch I.D. water main installed via open cut. The scope of services includes benthic, bathymetric and topographic survey, geotechnical investigation, subsurface utility exploration, and a Basis of Design Report to identify design parameters, property availability, route analysis, regulatory agency criteria, and construction considerations. The remaining scope of services includes design, permitting, bidding assistance and construction administration. Extensive permitting coordination is required through Army Corps of Engineers, Florida Department of Environmental Protection, South Florida Water Management District and Palm Beach County Land Development Division.

Qualifications of the Firm



Intracoastal Waterway 16-in I.D. Force Main Crossing - PO 20203354

Riviera Beach, Florida

Start/Completion Dates

2020-2021

Original Budget/Final Cost

\$617,204/\$617,204 (fee)

Fee

\$617,204

Client

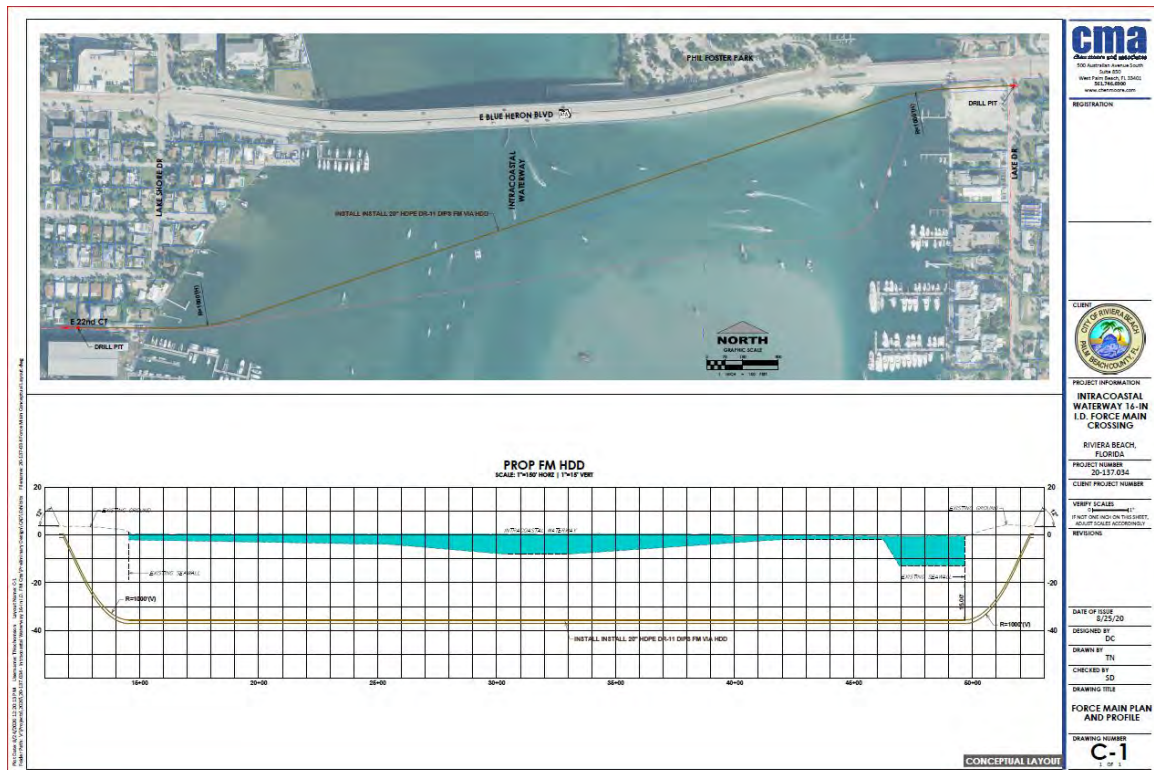
City of Riviera Beach Utility District
John Armstrong
600 W Blue Heron Blvd.
Riviera Beach, FL 33404
(561) 845-4185
JArmstrong@rivierabeach.org

Present Status of Project

Ongoing

The 2013 Water and Wastewater Master Plan identified the need for redundancy in the sewer system and recommended the installation of a 16-inch inside diameter (I.D.) force main crossing the Intracoastal Waterway. The design also proposes to interconnect two lift stations for redundancy. It is estimated that the project will consist of approximately 5,500 LF of 16-inch I.D. force main installed via horizontal directional drill and 6,300 LF of 16-inch I.D. force main installed via open cut. The scope of services includes benthic, bathymetric and topographic survey, geotechnical investigation, subsurface utility exploration, and a Basis of Design Report to identify design parameters, property availability, route analysis, regulatory agency criteria, and construction considerations. The remaining scope of services includes design, permitting, bidding assistance and construction administration. Extensive permitting coordination is required through Army Corps of Engineers, Florida Department of Environmental Protection, South Florida Water Management District and Palm Beach County Land Development Division.

Qualifications of the Firm



Country Club Ranches Water Main Project

Miramar, Florida

Start/Completion Dates

2019-ongoing

Original Budget/Final Cost

\$224,425/\$224,425

Fee

\$224,425

Client

City of Miramar
 Ronnie Navarro
 13900 Pembroke Road
 Bldg. L - 1st Floor
 Miramar, FL 33027
 (954) 883-6825
 rsnavarro@miramarfl.gov

Present Status of Project

Ongoing

CMA is providing professional engineering services for the Country Club Ranches Water Main Project. CMA is completing the design and construction of a new water distribution system to service the Country Club Ranches community. Country Club Ranches is a developed, semi-rural, residential community, and is primarily served by private water wells and septic tanks. The project includes new water distribution system to include fire hydrants, valves, water services, air release assemblies and required appurtenances throughout the Country Club Ranches community in order to supply municipal water service to the residents.

The scope of services includes planning, engineering reporting, engineering design, technical specifications, contract preparation, permitting and construction management.

Qualifications of the Firm



Improvements to Force Main Crossing Intercoastal Waterway at Hillsboro Blvd (Horizontal Directional Drill) Deerfield Beach, Florida

Start/Completion Dates

2011-2014

Original Budget/Final Cost

\$426,050/\$426,050

Fee

\$80,834

Client

City of Deerfield Beach
Keven Klopp
City of Hallandale Beach
Development Services Department
400 South Federal Highway
Hallandale Beach, FL 33009
(954) 457-1376
KKlopp@hallandalebeachfl.gov

Present Status of Project

Complete

CMA designed the Subaqueous Forcemain Crossing for the City of Deerfield Beach. The forcemain was over 500 LF long and approximately 60 feet deep with 14 inch diameter HDPE. It crosses the intercoastal waterway at Hillsboro Boulevard to replace an existing force main. The project included the design of a directional drill under the intercoastal. Extensive permitting with FDEP, USACE and FDOT, as well as bidding assistance and construction administration services were also performed.



Qualifications of the Firm

FCAA Cudjoe Regional Wastewater Collection

Key West, Florida

Start/Completion Dates

2012-2016

Original Budget/Final Cost

\$90 million/\$90 million

Fee

\$3,023,960

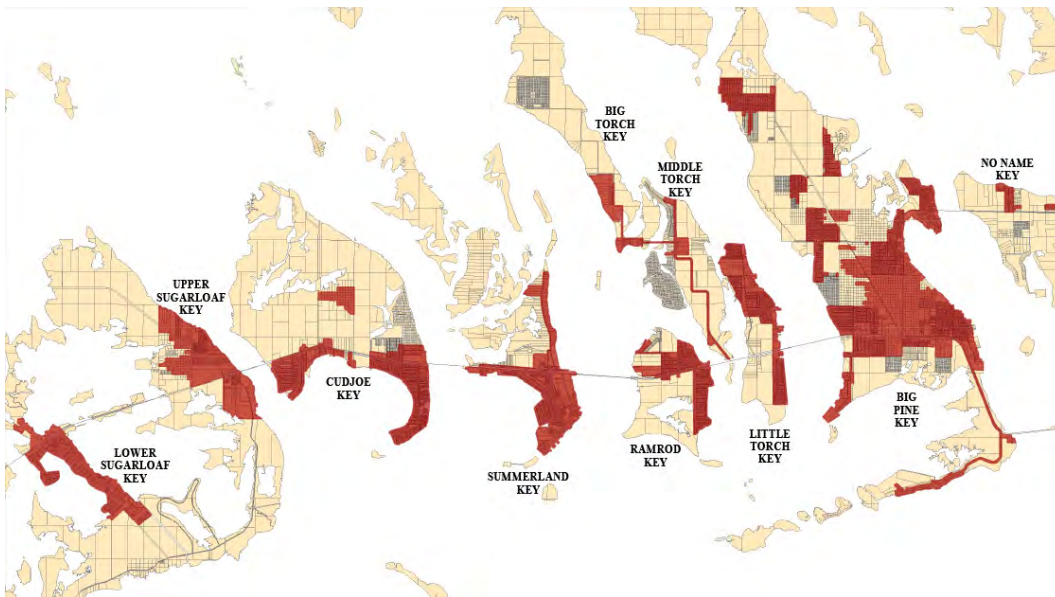
Client

Reynolds Construction LLC
Wesley Self, PE
2003 Bluestone Circle
Birmingham, AL 35242
(770) 696-4040
wesley.self@reynoldscon.com

Present Status of Project

Complete

CMA was the prime consultant responsible for the design, permitting, and construction under this \$90 million design-build utility project. The proposed utility improvements included the replacement of existing water mains and the installation of new sanitary sewer collection systems that will convey sewage from four of the Lower Keys to a transmission force main and/or master lift station located along US1/Overseas Highway. The project includes replacement of 35,579 LF of 4" C-900 water main, 21,831 LF of 6" C-900 water main and 205 LF of 8" C-900 water main. This project was the single largest in terms of value and number of customers served ever undertaken by Monroe County. The utility improvements consisted of wastewater service and water replacement to the islands of Ramrod Key, Lower Sugarloaf Key, Little Torch Key, and Big Pine Key. The wastewater collection system includes approximately 500,000 linear feet of gravity sewer and low-pressure grinder sewer with over 62 neighborhood lift stations that serve approximately 4,500 customers. The transmission system consists of four master pump stations and PVC and HDPE pipeline laid along US Highway 1. The project requires close coordination with the local, state and federal permitting agencies. Chen Moore participated in neighborhood meetings to explain the proposed improvements.



Qualifications of the Firm

Flamingo Road Reclaimed Water Main Design Build (Horizontal Directional Drill)

Miramar, Florida

Start/Completion Dates

2015-2017

Original Budget/Final Cost

\$1,298,990/1,298,990

Fee

\$123,680

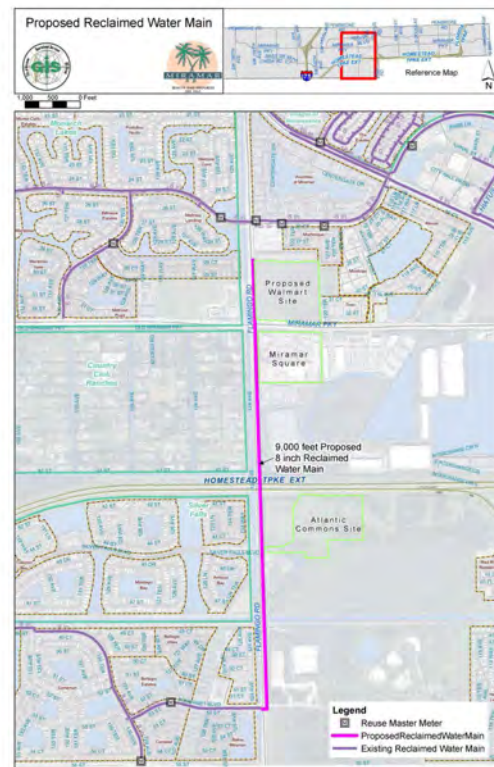
Client

Southern Underground Industries
Juan Barrenche
3075 NW South River Dr
Miami, FL 33142
(954) 650-4699
juanb@southernui.com

Present Status of Project

Complete

The City of Miramar retained Southern Underground Industries, Inc and CMA for a design build of the directional drill of a reclaimed water main. The project is located along Flamingo Road, bounded to the south by Somerset Boulevard and to the north by Miramar Boulevard. The project included the directional drill of approximately 7,700 linear feet of 8-inch reclaimed water main, including under the FDOT Turnpike and SFWMD Canal. The project included 15 connections to service both existing and future property owners and irrigation connections to the Broward County medians. CMA coordinated with the City and Contractor to design, permit and provide limited construction engineering, inspection and administration services for the directional drill of the reclaimed watermain.



Qualifications of the Firm

Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B Lauderdale Lakes, Florida

Start/Completion Dates

2016-2019

Fee

\$3,544,729

Client

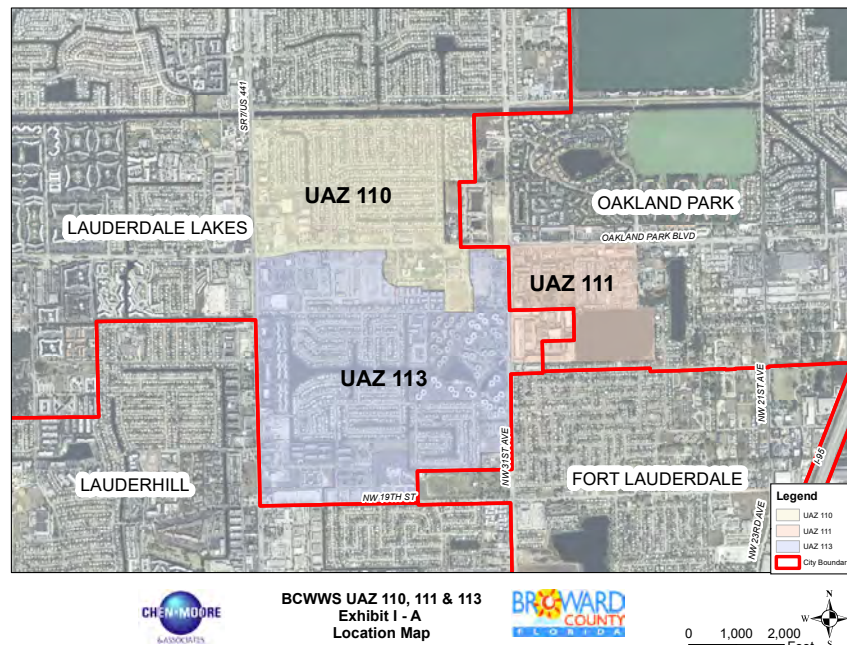
Broward County
Patrick MacGregor
2555 West Copans Road
Pompano Beach, FL 33069-1233
(954) 831-0904
pamacgregor@broward.org

Present Status of Project

Constructon Design

The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Project will include the improvements to the existing water distribution system, sanitary sewer system, and transmission systems within the project area along with the restoration of surface areas disturbed for the construction of said improvements. The existing system being replaced consists of approximately 168,100LF of water mains, 122,100 LF of sanitary sewer mains and 23,600 LF force main. The existing water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, polyvinyl chloride pipe ranging from 2" - 24" in diameter size. The sanitary sewer consists of vitrified clay, fold and form liner, cured in place liner and ductile iron pipe ranging from 8" - 15" in diameter size. The force main consists of asbestos cement, cured in place liner, ductile iron and polyvinyl chloride pipe ranging from 6" - 16" in diameter size. There are 8 Broward County lift stations in these UAZ areas and 1 private lift station which sanitary sewer systems will need to connect to. Two of these stations will need rehabilitation/replacement, the extent of rehabilitation of existing stations will be determined. The restoration of roadways, sidewalks, driveways, and landscape areas will need to be performed as needed for water and sanitary sewer improvement construction.

Qualifications of the Firm



Broadview Park Neighborhood Improvement Program

Broward County, Florida

Start/Completion Dates

2000-2013

Original Budget/Final Cost

\$45 million/\$45 million

Fee

\$8.9 million

Client

Broward County
Patrick MacGregor
2555 West Copans Road
Pompano Beach, FL 33069-1233
(954) 831-0904
pamacgregor@broward.org

Present Status of Project

Complete

The Broadview Park Neighborhood Improvement Program (BPNIP) was the last of the Neighborhood Infrastructure Improvements projects to be carried out by Broward County in the unincorporated areas. Chen Moore and Associates was selected as the prime consultant for the Basis of Design Report (BODR) and to design and administer the construction of improvements to subsequent bid packages. The three Bid Packages addressed water, sanitary sewer and drainage improvements, while introducing sidewalks and enhancing the community's roadway and landscape.

The basis of design report included population projections, an analysis of water source and sewage discharge points and a hydraulic model of the water, wastewater and stormwater systems.

The first bid package included the replacement of the entire water distribution system within the neighborhood, which was previously owned and maintained by a private utility. This project was designed utilizing digital orthography and aerial maps to fast track the replacement.

The second and third bid packages included conversion of the entire area from septic to gravity collection, the installation of a backbone forcemain network and connection into an inline booster station, installation of a positive drainage system, sidewalks, hardscape and landscape improvements.

An added fourth bid package was the design of a 20" water main to serve as the transmission source water for the area. Also change ordered into the project was the installation of a 20" raw water main for future use. The project was complicated by groundwater contamination, proximity to a wellfield, the existence of a fire station and elementary school in the neighborhood and the existence of rock in the area. All of the projects were completed on budget and on or ahead of schedule.



Qualifications of the Firm

BC UAZ 303, 314 & 318 Bid Pack 1

Broward County, Florida

Start/Completion Dates

2008-2016

Original Budget/Final Cost

\$1,470,424/\$1,470,424

Fee

\$1,002,449

Client

Broward County
Patrick MacGregor
2555 West Copans Road
Pompano Beach, FL 33069-1233
(954) 831-0904
pamacgregor@broward.org

Present Status of Project

Complete

The Broward County Utility Analysis Zone (UAZ) 303, 314 and 318 Utility Improvement Project was Phase 1 of what was projected to be an \$8.8 million project for replacing the existing water main system and providing sanitary sewer for County Service Areas in urban neighborhoods within the City of Dania Beach, just east of State Road 7, north and south of Griffin Road. The main technical components included replacing 7,550 LF of 12-inch water mains on County roads, replacing 26,350 LF of 8-inch residential water distribution systems, providing sanitary sewer systems to eliminate existing septic tanks, and rehabilitating or installing new lift stations. In order to obtain the necessary information, site visits concentrated on contacting residents to determine the location of existing tanks. A great deal of coordination was required to accommodate developer projects, tie into County projects and obtain easements for crossing private properties. GIS was used to keep track of all ongoing projects, log pertinent site information, determine the projected flow rates, track questions from residents of the area and track responses from utility companies regarding their existing facilities.



Qualifications of the Firm

BC UAZ 316 Bid Pack 2

Broward County, Florida

Start/Completion Dates

2008-2016

Original Budget/Final Cost

\$1,470,424/\$1,470,424

Fee

\$903,416

Client

Broward County
Patrick MacGregor
2555 West Copans Road
Pompano Beach, FL 33069-1233
(954) 831-0904
pamacgregor@broward.org

Present Status of Project

Complete

The Broward County UAZ 316 project is part 2 of the estimated \$8.8 million project servicing Broward County utility zones in the City of Dania Beach which includes replacing existing water and providing sanitary sewer just east of State Road 7, and south of Griffin Road. The main technical components include replacing 12-inch water mains on County Roads, replacing the residential water distribution system, providing sanitary sewer systems to eliminate existing septic tanks and rehabilitating or installing new lift stations. In order to obtain the necessary information, site visits concentrated on contacting residents to determine the location of existing tanks. A great deal of coordination was required to accommodate developer projects, tie into County projects and obtain easements for crossing private properties. GIS was used to keep track of all ongoing projects, determine the projected flow rates, track questions from residents of the area and track responses from utility companies regarding their existing facilities. This project is currently under construction.



Qualifications of the Firm



RFP No. 12470-416 Re-Bid Design-Build Pump Station B-4
Redundant Force Main P12567

BidSync



2-45

CAM 21-0345
Exhibit 8
Page 73 of 156

Broward County BCWS WWED UAZ 307/315 Utilities

Broward County, Florida

Start/Completion Dates

2006-2012

Original Budget/Final Cost

\$8,378,598/\$8,378,598

Fee

\$1,078,598

Client

Broward County
Patrick MacGregor
2555 West Copans Road
Pompano Beach, FL 33069-1233
(954) 831-0904
pamacgregor@broward.org

Present Status of Project

Complete

Broward County Water and Wastewater's Utility Analysis Zone (UAZ) 307 / 315 Utilities project included replacing existing undersized water main and providing sanitary sewer for County Service Areas in an urban neighborhood within the City of Dania Beach, near Griffin Road and Ravenswood Road. The main technical components included replacing a 1,900 LF of 12-inch water main on Ravenswood Road, replacing 10,961 LF of 8-inch of residential water mains, including services, providing sanitary sewer to connect existing septic tanks and rehabilitating and installation of new lift stations and force main. In order to achieve the necessary information, site visits concentrated on contacting residents to determine the location of existing tanks. A great deal of coordination was required to accommodate developer projects, tie into County projects, and obtain easements for crossing private properties. GIS was used to keep track of all ongoing projects and determine/update projected utility flow rates. A total of 12,800 LF of water main replacement, three lift stations and 14,000 LF of sanitary sewer, which will tie in over 400 parcels, were designed for this project. Chen Moore and Associates also performed construction administration for this project.

The project had a significant Public Outreach Program which included several meetings with homeowners, included doorhangers and construction notices through the entire construction phase.

Qualifications of the Firm



Financials

Murphy Pipeline Contractors, LLC (MPC) being a private held company will not be including its Financial Statement. This information will be available to the City of Fort Lauderdale if required after initial Bid Package is reviewed. MPC identifies Florida Statutes 815.045 – Trade Secret information and 119.071.3 (c) as the statutes that authorizes the exemption from the Public Records Law.

- CONFIDENTIAL – Contains trade secrets. Must be kept confidential pursuant to Florida Statute
 - s 815.045 – Exempt from Public Records Act
- Financial Statements are exempt from Florida Public Records requirements, as noted in Florida Statute Chapter 119: Exemption: 119.071.3 (c). Any financial statement that and agency requires a prospective bidder to submit in order to prequalify for bidding or for responding to a proposal for a road or any other public works project is exempt from s. 119.07(1) and 24(a), Art. I of the State Constitution.

Concerning Suibconsultants, Suppliers, and Others

Murphy Pipeline Contractors, LLC shall perform at least 40% of the total dollar amount of the work to be performed under the agreement.

Qualifications of the Firm





January 19, 2021

Murphy Pipeline Contractors, LLC
12235 New Berlin Road
Jacksonville, FL 32226

RE: Workers' Compensation

To Whom It May Concern:

Please be advised that the Interstate Experience Modification Factor (NCCI) applicable to the above referenced entity for the following year is as shown below:

2019	0.70	2/1/19
2020	0.68	2/1/20
2021	0.82	2/1/21

Best Regards

A handwritten signature in blue ink that reads "L. Lewis".

Lorraine Lewis
Account Executive

3. Qualifications of the Team



3. QUALIFICATIONS OF THE TEAM

For a complete profile of our team members, please refer to our resumes at the end of this section.

Name	Title	Years Exp.	Area of Responsibility	Firm / Location	Education	Registration/ Licenses	Other - Pressure Pipe FM/WM and HDD or Pipe Bursting
Richard Crow	Director of Engineering and Special Projects	18	Design Build Project Manager	Murphy/ Davie	BS/Civil Engineering	N/A	X
Victor Menocal	Senior Project Manager	22	Project Quality Control Manager	Murphy/ Davie	BS	N/A	X
Aaron Pigna	Project Manager	6	Scheduler/ Project Control Specialist	Murphy/ Davie	BS/Biology	N/A	X
Angelo Furno	Project Manager	10	Scheduler/ Project Control Specialist	Murphy/ Davie		N/A	X
David Marin	General Superintendent	22	General Superintendent	Murphy/ Davie	N/A	N/A	X
Rowynna Ribeiro	Project Coordinator	6	Public Information Officer	Murphy/ Davie	N/A	N/A	X
Mike Alvarez	Construction Manager	35	Project Health and Safety Manager	Murphy/ Davie	N/A	N/A	X
Rico Filippelli	President	20	Project Surveyor/ Layout	Filippelli Surveying/	N/A	LS4901 and LB7822	X
Dustin Ertle	President	N/A	HDD Project Manager	DBE Utilit/y	N/A	CUC1224256	X

Qualifications of the Team

Name	Title	Years Exp.	Area of Responsibility	Firm / Location	Education	Registration/ Licenses	Other - Pressure Pipe FM/WM and HDD or Pipe Bursting
Peter Moore, P.E., F.ASCE, ENV SP, LEED AP	President	23	Principal-in-Charge	CMA/Fort Lauderdale	MS/Civil Engineering/ 2004; BS/Civil Engineering/ 1997	PE 58709	X
Daniel Davila, P.E.	Sr. Engineer/ FTL Branch Manager	22	Sr. Engineer	CMA/Fort Lauderdale	BS/Civil Engineering/ 2000	PE 63014	X
Suzanne Dombrowski, P.E., ENV SP	Sr. Engineer/ WPB Branch Manager	17	QA/QC Design	CMA/Fort Lauderdale	BS/Civil Engineering/ 2005	PE 69918	X
David Castro, P.E.	Sr. Engineer	8	Project Engineer	CMA/Fort Lauderdale	BS/Civil Engineering/ 2014	PE 85558	X
Todd Nochomson	Sr. Designer	32	Design	CMA/Fort Lauderdale	AS/General Drafting/ 1989	N/A	X
Carlos Tijerino	Associate Engineer	13	Permitting	CMA/Fort Lauderdale	BS/Civil Engineering/ 2008	N/A	X
Matt O'Rourke	Sr. Construction Specialist	19	Construction Engineering Inspection	CMA/Fort Lauderdale	N/A	N/A	X
Manuel Caamano	Construction Specialist	18	Construction Engineering Inspection	CMA/Fort Lauderdale	N/A	N/A	X
Lee Reumann, PLS	Regional Survey Manager	8	SUE Services	InfraMap Corp/	BS/ Geomatics	PSM 7222	X

Qualifications of the Team

Name	Title	Years Exp.	Area of Responsibility	Firm / Location	Education	Registration/ Licenses	Other - Pressure Pipe FM/WM and HDD or Pipe Bursting
Andres Garcia	Utility Location Manager	22	SUE Services	InfraMap Corp/	AS/Science	N/A	X
Mark Meyers	Owner	24	MOT Planning Services	MOT Plans/Fort Lauderdale	BA/Business Admin.	N/A	X
Sattya Sukhu	Co-Owner	23	MOT Planning Services	MOT Plans/Fort Lauderdale	BS/Finance	N/A	X

Qualifications of the Team

Subconsultants

Chen Moore and Associates



Fort Lauderdale



Miami



West Palm Beach



Orlando (Maitland)



Gainesville



Tampa



Jacksonville

Founded in 1986, Chen Moore and Associates (CMA) specializes in civil engineering, water resources, water and sewer, landscape architecture, transportation, planning and irrigation, environmental and construction engineering services. The firm commits to providing responsive quality services while meeting the schedules and specific project needs of our clients. The firm has its headquarters in Fort Lauderdale, FL. CMA has regional offices in Miami, West Palm Beach, and Orlando (Maitland). CMA has project offices in Gainesville, Tampa, Sarasota and Jacksonville. The work performed for this contract will be based out of our Fort Lauderdale office.



At CMA, we best describe ourselves, our approach, and our priorities with these five words: Leadership, Excellence, Philanthropy, Community and Culture. CMA embraces the history and legacy of the firm set by Dr. Ben Chen, P.E. and is empowered by the vision set by its leadership team, led by President Peter Moore, P.E., F. ASCE, LEED AP, ENV SP. The firm continues to grow by striving for excellence in design, innovation, project management, and quality.

CMA continues to be focused on community through its commitment to philanthropy at all levels of the firm. Every office utilizes time and treasure to attend, contribute and lead in community and profession-related events throughout CMA's geographic reach. The CMA family culture is about quality and excellence in our professional work, while contributing as a leader in our community in a fun working environment.

The firm is currently working on and has successfully completed projects involving the planning, design and construction of a wide range of projects in a multitude of disciplines including:

- Infrastructure Master Planning
- Pump Station Design and Rehabilitation
- Water Supply, Treatment, and Distribution Design
- Stormwater Management System Design and Master Plans
- Environmental Engineering
- Roadway Design and Streetscape
- Government Permitting
- Land Development
- Site Development
- Site Planning
- Landscape Architecture
- Hardscape Design
- Irrigation Design
- Park Design
- GIS Analysis and Mapping
- Project and Program Management
- Sustainable Design and LEED Solutions
- Value Engineering
- Utility Rate and Infrastructure Valuation Studies
- Resident Coordination and Stakeholder Meetings

CMA employs 71 full time staff, including 18 registered professional engineers, 6 registered landscape architects, 2 certified planners and a certified irrigation designer. With our highly experienced technical design staff, the CMA team has the capabilities to address the smallest to the most challenging civil, environmental and transportation engineering, planning, landscape architecture and construction administration tasks required for many types of public, semi-public and private sector projects. The City can be assured that the CMA team can handle all components of the projects performed under this contract.



Licenses. Please refer to Section 2 and page 2-5 for licenses.

Location of Business: 500 West Cypress Creek Road, Suite 630, Fort Lauderdale, FL 33309

Ownership/Education and Experience. Chen Moore and Associates is a Corporation with 12 owners who are employees of the firm.

Please refer to the chart on page 3-1 of this section for our team's educational background and disciplines and page 2-36 for our experience.

References. The following clients can be contacted as references:

SunTrust Bank
1601 S Federal Highway
Fort Lauderdale, FL 33316
Contact: Philip Studer
(561) 400-2518

Stoner & Associates Inc.
4341 SW 62 Avenue
Davie FL 33314
(954) 585-0997

Qualifications of the Team

DBE Utility

DBE specializes in large scale, horizontal directional drilling as well as pipeline construction. DBE has drilled in virtually all of the geological and geotechnical conditions one may encounter within our service area, and with all material types. This includes subaqueous & terrestrial crossings in sand, clay, granite, karst, gneiss and everything in between. DBE operates a fleet of 12 drill rigs with ability to pull back pipe up to 54" in diameter and shots up to 5,200 linear feet. Where other drillers have failed, DBE is often called upon to remedy the site and save the project. This is due to out-of-the-box thinking, in-house engineering expertise and skillful operators who are thoroughly trained and competent to execute their tasks.



Location of Business: 13387 Bryan Road, Loxahatchee, FL 33470

Licenses. Certified Underground Utility Contractor License No. CUC1224256

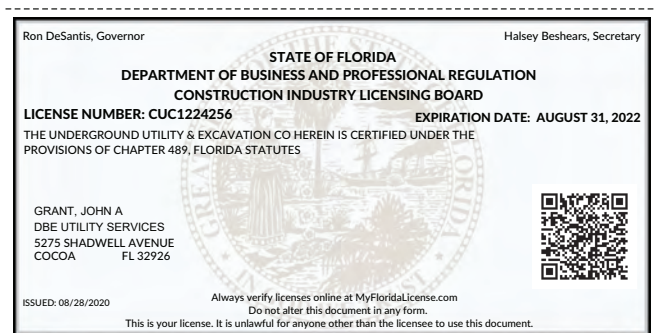
Ownership/Education and Experience. DBE Utility Services is a Florida Corporation with 1 owner who is the President of the firm.

Please refer to the chart on page 3-1 of this section for our team's educational background and disciplines and page 3-10 of this section for our experience.

References. The following clients can be contacted as references:

David Mancini and Sons, Inc.
David Mancini
2601 Wiles Road, Pompano Beach, FL 33073
(954) 977-3556

Reynolds Construction (Formerly Layne Heavy Civil)
Oscar Bello
12535 Orange Drive, Suite 603, Davie, FL 33330
(954) 301-4964



Qualifications of the Team

Filippelli Surveying

Filippelli Surveying, Inc. is a Florida Corporation which was established in 2011. However, the Principal of the firm has been working as a PLS since 1991. Filippelli Surveying, Inc. has been working strictly with Utility Contractors for the last 20 years for some of the largest utility contractors in South Florida.

Location of Business: 17831 Orange Grove Boulevard, Loxahatchee, FL 33470

Licenses. Professional Surveyor and Mapper LS4901 and LB7822

Ownership/Education and Experience. Filippelli Surveying, Inc. is a Florida Corporation with one owner who is the President of the company as well as their head surveyor.

Please refer to the chart on page 3-1 of this section for our team's educational background and disciplines and page 3-10 of this section for our experience.

References. The following clients can be contacted as references:

Ric-Man International, Inc.
Rene Castillo, President
1545 NW 27th Avenue, Pompano Beach, FL 33069
(954) 605-6990

Gianentti Contracting
Richard Gibbs
1801 NW 18th Street, Pompano Beach, FL 33069
(954) 999-2680



RAFAEL ANTHONY FILIPPELLI
17831 ORANGE GROVE BLVD, LOXAHATCHEE, FL 33470-3553

License Type
Surveyor and Mapper
Surveyor of Record For

License#
LS4901
LB7822

Issued
02/11/91
03/31/10

Expires
02/28/21
02/28/21

Status
Active
Active

[Complaints 0](#)
[Print](#)

Qualifications of the Team

Infra Map Corp

InfraMap is a leading provider of Utility Infrastructure Mapping and Subsurface Utility Engineering (S.U.E.) services. They collect utility infrastructure data in the field using sophisticated geophysical techniques and instrumentation (including GPR), with automated data collection gear and state of the art survey equipment.



Founded in 1987, InfraMap is a utility infrastructure mapping specialist. Their clients are State and Local Transportation Departments, Airports, Port Authorities and Utilities. They have performed some of the largest utility mapping projects ever undertaken by any firm. They have the resources to perform and deliver multiple large scale projects on time, throughout the United States, as evidenced by our past and recent performance.

Location of Business: 17831 Orange Grove Boulevard, Loxahatchee, FL 33470

Licenses: LB6666

Ownership/Education and Experience. InfraMap Corp is an S Corporation with 1 owner who is an employee of the firm.

Please refer to the chart on page 3-1 of this section for our team's educational background and disciplines and page 3-10 of this section for our experience.

References. The following clients can be contacted as references:

Biscayne Engineering
Mike Bartholomew
529 W Flagler St
Miami, FL 33130
(305) 324-7671
MikeB@biscayneengineering.com

FDOT, District 4
Jeff Smith
District Surveyor
3400 West Commercial Boulevard
Fort Lauderdale, FL 33309
(954) 777-4579
Jeffrey.smith@dot.state.fl.us



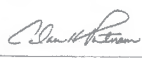
Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500

License No.: **LB6666**
Expiration Date February 28, 2021

Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

INFRAMAP CORP
1860 OLD OKEECHOBEE ROAD #201
WEST PALM BEACH, FL 33409


ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

Qualifications of the Team

MOT Plans

MOT Plans provides MOT (maintenance of traffic) plans quickly and cost effectively so our clients can break ground on time. The team includes ATSSA certified supervisors who can handle any situation. The firm is a full-service barricade company providing complete temporary traffic control for any situation. MOT Plans is a certified DBE and SBE with the Florida Department of Transportation.

Licenses. N/A

Ownership/Education and Experience. MOT Plans is an LLC Corporation with 2 owners who are employees of the firm.

Please refer to the chart on page 3-1 of this section for our team's educational background and disciplines and page 3-10 of this section for our experience.

References. The following clients can be contacted as references:

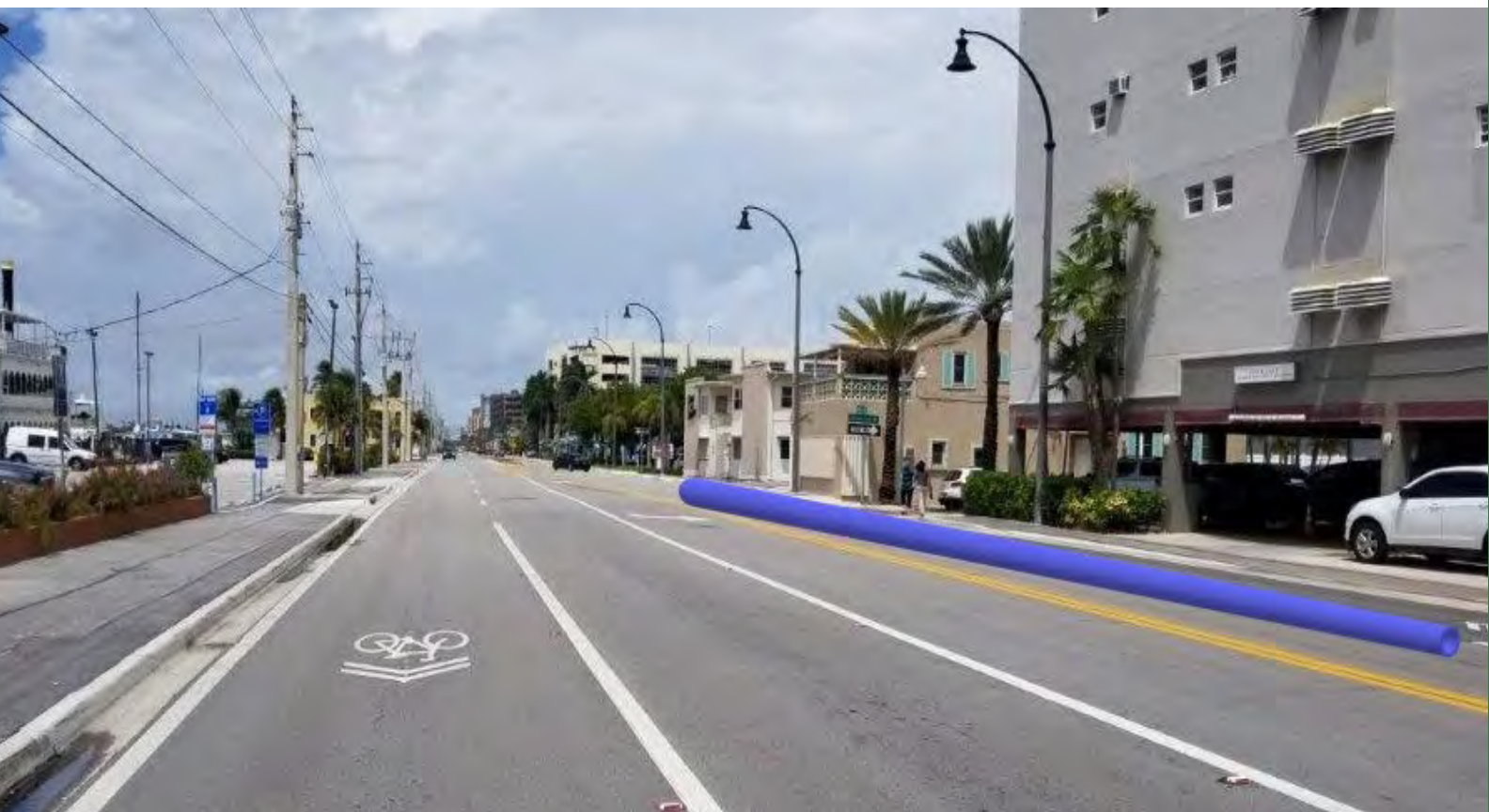
Bud Alvarez
Estimator/Project Manager
Hardrives Paving
2101 S Congress Avenue
Delray Beach, FL 33445
(561) 278-0456
bud@hardrivespaving.com

Paul Knight
The Ryan Companies
1700 S. Powerline Road, Suite H
Deerfield Beach, FL 33442
(954) 427-5599



Qualifications of the Team

4. Project Manager's Experience



Section 4

4. PROJECT MANAGER'S EXPERIENCE

Richard Crow holds a Bachelor of Science in Civil Engineering from Florida Atlantic University. He has over 20 years of experience managing \$400 million in utility infrastructure in South Florida and 5 years with Murphy Pipeline. Throughout his career he has worked as an engineering consultant for both government entities as well as private contractors, providing a unique opportunity to understand all parties involved and provide viable solutions. Richard is a former regional construction manager for a global water management company and was a critical component in delivering sustainable solutions to both government agencies and industrial clients. He has extensive experience in overseeing the design and construction of vital water and wastewater treatment facilities, and his expertise and leadership ensured both a cost-effective design and aggressive production goals being met. Richard currently works with Murphy Pipeline Contractors, Inc and has been instrumental in educating and implementing trenchless technology strategies within municipalities in South Florida.

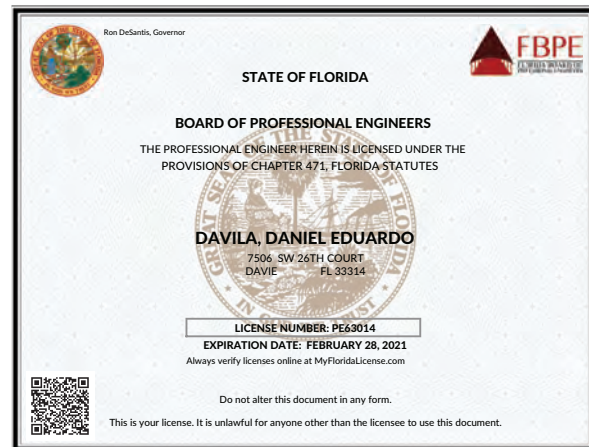


Please refer to Mr. Crow's resume supplied at the end of this section for detailed qualification information.

Daniel Davila, P.E. has over 20 years of civil engineering experience and nearly 10 years with CMA. His experience includes water and wastewater facilities, facilities planning, utilities master planning, infrastructure renewal, construction management and rate and financial studies. Mr. Davila has assisted numerous clients that range from municipalities, counties, federal agencies, healthcare districts, residential developers and commercial developers to educational institutions. He has been the contract manager for small projects as well as large complex projects managing millions of dollars in design fees and several subconsultants. Mr. Davila has been the contract manager for several government agencies including St. Lucie County; City of Plantation; St Lucie County School Board; Memorial Healthcare System; Village of Wellington; City of West Palm Beach; and Palm Beach County.



Mr. Davila has served nearly 10 years with Chen Moore and Associates. Please refer to Mr. Davila's resume at the end of this section for related work experience and detailed qualification information.



Daniel Davila, P.E.

Qualifications of the Team

Example Projects For Design Build Team

Merrick Manor Sanitary Sewer Ph I Coral Gables, Florida

Start/Completion Dates

2017-2017

Fee

\$24,900

Client

Murphy Pipeline Contractors Inc
Richard Crow
18503 Pines Blvd Ste 315
Pembroke Pines, FL 33029
(954) 842-4771

CMA is providing preliminary civil engineering and related services for the Merrick Manor Sanitary Sewer project for Coral Gables. The project consists of the design, permitting and construction administration effort for the replacement and upsizing of just under 1,600 LF of existing gravity sewer (8"/10" VCP per City of Coral Gables Asbuilts to 12") in an existing commercial district in the City of Coral Gables in support of a development located on the corner of Altara Avenue and LeJeune Road by the Astor Companies.

CMA is providing Land Surveying and Geotechnical Engineering, Subsurface Utility Engineering Services; Utility Coordination and Preliminary Design; Final Engineering; Government Permitting; and Construction Observation and Administration Assistance.



Qualifications of the Team

Merrick Manor Sanitary Sewer Ph II Coral Gables, Florida

Start/Completion Dates

2017-Ongoing

Fee

\$71,260

Client

Murphy Pipeline Contractors Inc
Richard Crow
18503 Pines Blvd Ste 315
Pembroke Pines, FL 33029
(954) 842-4771

CMA is working with Murphy Pipeline inside a popular commercial area in the City of Coral Gables in collaboration with several developers who need an upsizing of the existing sanitary sewer system to accommodate their upcoming developments in the area called Merrick Manor. CMA is providing civil engineering services for the design, permitting and construction administration effort for the replacement and upsizing of just under +/- 1,265 LF of existing gravity sewer. CMA is providing final engineering; government permitting; and construction observation and construction administration services.



Qualifications of the Team

Wilton Drive Water Main Replacement Wilton Manors, Florida

Start/Completion Dates

2016-2018

Fee

\$96,175

Client

City of Wilton Manors
David Archacki
2020 Wilton Drive
Wilton Manors, FL 33305
(954) 390-2190

CMA provided site investigation, topographic survey, utility coordination, design services, regulatory permitting, bidding assistance, and limited construction administration for the water main replacement along Wilton Drive between NE 19th Street and NE 26th Street and NE 21st Street between Wilton Drive and NE 3rd Avenue. CMA designed the interconnections to the existing water main to remain at intersections along Wilton Drive, which includes approximately 15 interconnections; the reconnection of the existing fire hydrants to the new water main or the replacement of the existing fire hydrants as necessary to ensure appropriate fire coverage, which included approximately 7 fire hydrants; and the reconnection of the existing water services to the new water main or the replacement of the existing water service, included approximately 13 water services.

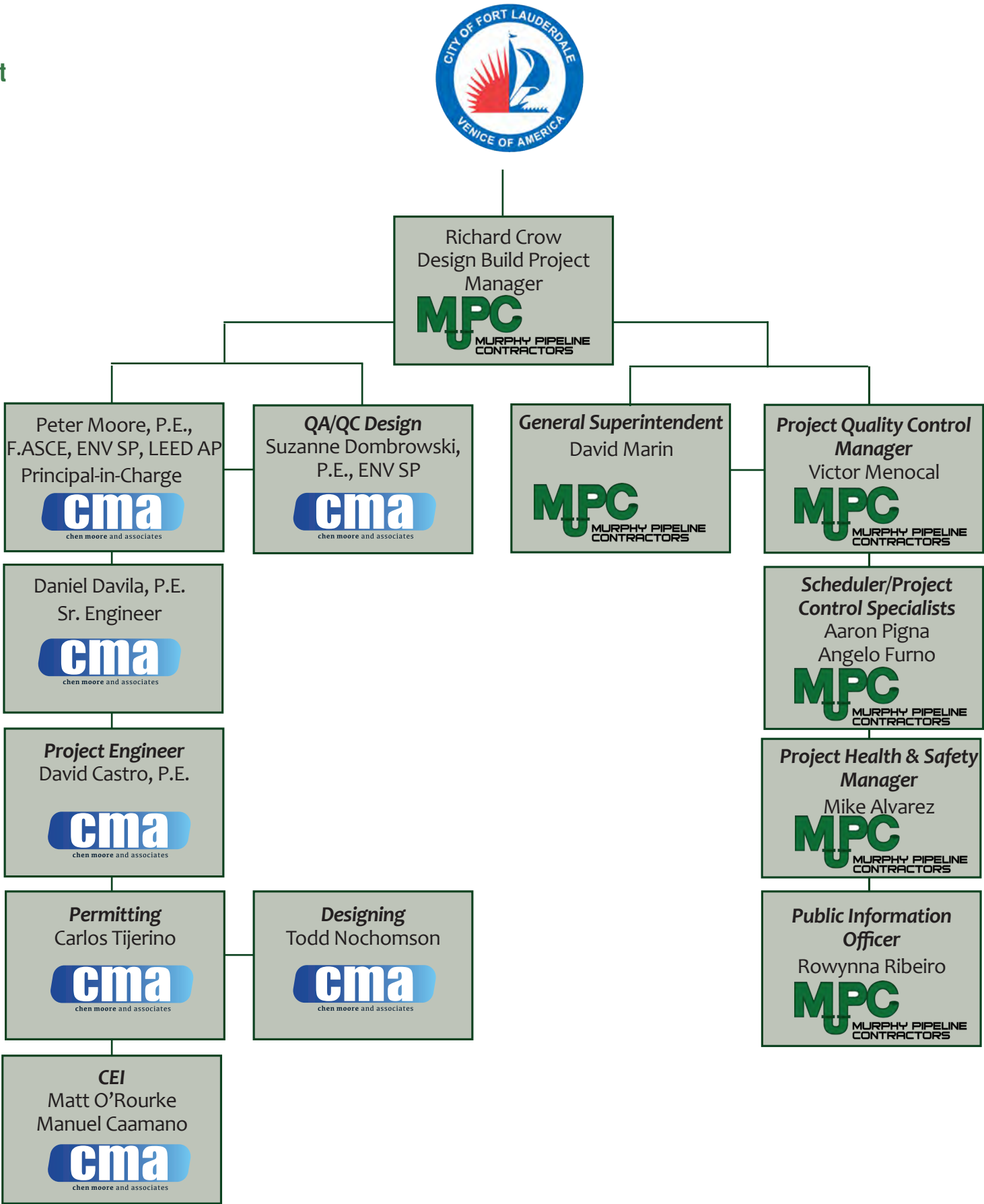
CMA provided site investigation including a topographic survey and utility verification; design services including regulatory permit submittal; and construction administration including bidding assistance, document review, and construction oversight.

Murphy Pipeline Contractors served as the contractor.

Qualifications of the Team



Organizational Chart



Subconsultants

cma
chen moore and associates

DBE

Filippelli Surveying

InfraMap
CORP

MOT .COM
P A N S

Resumes

RICHARD CROW DESIGN BUILD PROJECT MANAGER

Total Years of Experience
18

Project Role
MPC Design-Build Manager

Education
Bachelor of Science Civil Engineering
Florida Atlantic University

Training & Certifications

- Confined Space Training
- Work Zone Traffic Control – MOT Advanced Level Certification
- CPR/Medical First Aid
- OSHA 10-hour
- Competent Person Excavation Certification

Mr. Crow has managed over \$347 million in utility infrastructure projects in the Florida area within the last 12 years. He is currently the Director of Engineering and Special Projects for Murphy Pipeline Contractors, Inc. primarily serving the role of Design Build Manager. Prior to that, he has years of experience in consulting engineering and governmental construction management enabling him to be well rounded and communicate with all parties. Mr. Crow has devised, executed and approved strategic and tactical action plans focused on improving financial performance, establishing long-term business growth, and building top performing teams to drive achievement of objectives.

Key Projects

Project: City of Fort Lauderdale North Redundant Sewer Force Main Emergency Project

Description: Design-build manager for new 48-inch line consisting of more than four miles of new pipe installed via 11 horizontal directional drills (HDD) that range between 1,700 and 3,000 lf each to a depth of up to 70 feet. The new force main is 48-inch HDPE and DIP with 30-inch DIP branch sections installed by open cut. The entire project route is through complex urban areas with residential, entertainment and business districts. The project route includes sensitive ecosystems including the crossing of South Middle River which require Benthic surveys for the subaqueous crossing, dewatering calculations and permitting for construction within a quarter mile of contaminated areas with high-water table being close to the coastline. Crossing of the intracoastal requires permitting through the US Army Corps of Engineers and the Department of Environmental Protection. There is a total of nine jurisdictional agencies for this project. **Cost:** \$24,500,000.00; **Role:** Design/Build Manager.

Project: City of Fort Lauderdale Emergency Design-Build 30-inch Force Main Replacement

Description: Design-build manager for four phases within the City. These nearly 20,000 lf of pipeline were replaced through a combination of CompressionFit, directional drilling, and traditional open cut installation. DBE Utility Services was the team's partner for HDD. Environmental compliance, subaqueous crossing, public involvement, maintenance of traffic and congested utility corridors in the busy Sistrunk and Himmarshee Business Districts were some of the additional project complexities. Dewatering permitting and groundwater modeling due to contaminated sites within a quarter mile of the projects were required. **Cost:** \$17,000,000; **Role:** Design/Build Manager.

Project: Miami-Dade Water & Sewer Dept, Rehabilitation Design/Build of 54-Inch PCCP Force Main on W. Flagler Street from SW 78th Place to Meter Station East of SW 72nd Ave – Contract No. S-916

Description: This is a Design/Build project in conjunction with our design partners WSP. The project consists of the rehabilitation through CompressionFit of approximately 3,850 LF of underground PCCP 54" force main that commences at the intersection of West Flagler Street and SW 78th Place proceeding east along Flagler Street to the location of Pump Station 187 just prior to the canal crossing west of NW 72nd Avenue. Additionally, the project includes the performance evaluation of the 54-inch canal crossing upon deactivation of the force main. **Cost:** \$4,660,000; **Role:** Principal.

Project: Florida Keys Aqueduct Authority CUDJOE Wastewater Improvements

Description: The project consisted of 500,000 linear feet of gravity sewer and low-pressure grinder sewer with over 62 neighborhood lift stations. In addition to the sewer components, the project included over 55,000 lf of water main replacement of 6-inch, 8-inch and 12-inch by open cut. **Cost:** \$97,000,000; **Role:** Design/Build Manager.

Project: Design-Build-Operate for the Village of Islamorada Wastewater Collection System

Description: The DBO scope generally includes the following: 4 vacuum pump stations; 1 master pump station; 7 Ocean Channel Creek HDD crossings from 8-inch to 18-inch; 400,000 LF of 3" and 10" PVC / HDPE for vacuum/low pressure grinder collection system; 100,000 LF of 8" and 18" transmission main and 550 residential grinder pumps. **Cost:** \$104,950,279; **Role:** Design/Build Manager.

Qualifications of the Team

VICTOR G. MENOCAL

PROJECT QUALITY CONTROL MANAGER

Total Years of Experience
22

Project Role
Senior Project Manager

Education
Bachelor of Science, Florida
International University - 2002

Training & Certifications

- Confined Space Training
- Work Zone Traffic Control – MOT
Advanced Level Certification
- CPR/Medical First Aid
- OSHA 10-hour
- OSHA 30-hour
- OSHA 3015 Excavation, Trenching
& Soil Mechanics Certification
- Competent Person Excavation
Certification
- Army Corps of Engineers – CQM for
Contractors

Mr. Menocal has over 20 years' experience in the construction industry. This career includes experience overseeing projects up to \$177 million, with over 13 years of Design/Build experience working for Giannetti, Ric-Man, A² Group and Condotte America. The project scopes range from water main, irrigation main, gravity sewer, force mains, drainage, drainage pump stations, sanitary sewer pump station/lift stations, directional drilling, streetscape improvements, lighting, traffic signal improvements, ITS, neighborhood improvements and bridges. His experience includes 13 major neighborhood improvement projects averaging 700 homes each. Mr. Menocal has experience in the installation of water, sewer and storm mains ranging from 4- to 120-inch diameter.

Key Projects

Project: Miami-Dade Water & Sewer Dept, Rehabilitation Design/Build of 54-Inch PCCP Force Main on W. Flagler Street from SW 78th Place to Meter Station East of SW 72nd Ave – Contract No. S-916

Description: This is a Design/Build project in conjunction with our design partners WSP. The project consists of the rehabilitation through CompressionFit of approximately 3,850 LF of underground PCCP 54" force main that commences at the intersection of West Flagler Street and SW 78th Place proceeding east along Flagler Street to the location of Pump Station 187 just prior to the canal crossing west of NW 72nd Avenue. Additionally, the project includes the performance evaluation of the 54-inch canal crossing upon deactivation of the force main. **Cost:** \$4,660,000; **Role:** Senior Project Manager.

Project: Section 5 Project Installation of 48-Inch PCCP

Description: This project was performed as a subcontractor for Condotte/CAC/DeMoya, J.V. and it was located on NW 72nd Avenue from NW 8th Street thru NW 12th Street. The project consisted of 48" PCCP including restrained pipe, fittings, closures and connections to existing 48" PCCP. The work involved critical demolition of existing PCCP, removing sewage from existing pipe, sheeting and shoring, extensive de-watering, deep excavations, installation of access manholes and air releases, dealing with heavy traffic, working on weekends, nights and multiple crews. **Cost:** \$450,000. **Role:** Senior Project Manager.

Project: FDOT District 6 Section 2 Project, FDOT District 6

Description: This was a design/build/finance project for the Florida Department of transportation District IV. The work consisted of the addition of one general use lane in each direction, auxiliary lanes between all interchanges; interchange improvements and, operation safety improvements long the SR826 mainline and ramps. The Interchanges that will be improved with this project are the SR826 Interchanges at SW 56 Street/Miller Drive, Sr874/Don Shula Expressway and SW 40 Street/Bird Road. The other interchange bridges are design with concrete beams (AASHTO Type IV, Mod. Bulb Tee, Florida I Beams). This project also includes a new pedestrian bridge, new drainage, lighting, landscaping, ITS and signalization improvements. **Cost:** \$177 Million **Role:** Design/Build Project Manager.

Project: Town of Surfside Utility Upgrade Project

Description: The project consisted of water, drainage, and roadway infrastructure improvements to a neighborhood composed of 770 residences and 35 businesses. Water construction included installing 34,000 feet of new 8-inch DIP including rear service conversions from the rear to the front of homes. Drainage construction included installing 17,000 feet of 18- to 54-inch RCP; connecting over 250 structures and 6 pump stations. Roadway construction included 134,000 SY of roadwork, 6,000 SY of sidewalks and driveways, 2,500 LF of curb & gutter, 24,000 SY of swale reconstruction. **Cost:** \$18.3 Million. **Role:** Senior Project Manager.

Project: Broadview Park BP 2 NIP, Broward County WWSS

Description: The project consisted of sewer and drainage infrastructure improvements to a neighborhood of 760 homes. Sewer installation included 36,500 feet of 6- to 20-inch PVC and DIP gravity sewer with 150 manholes, 3 sewer lift stations, and 14,500 feet of 6- to 12-inch force main. Drainage installation included 16,700 feet of 15- to 24-inch RCP and HDPE pipe and 170 structures. The project required the full reconstruction of 100,000 SY of asphalt including two 1-1/2 inch lifts. **Cost:** \$17.2 Million. **Role:** Project Manager.

AARON PIGNA

SCHEDULER / PROJECT CONTROL SPECIALIST

Total Years of Experience
6

Project Role
Project Manager

Training & Certifications

- OSHA 40 Hr. HAZMAT
- OSHA's Supervisor / Management
- OSHA's Asbestos Contractor / Supervisor Course
- FDOT Temporary Traffic Control Intermediate Course.
- AHERA Contractor/Supervisor

Mr. Pigna is currently a project manager with 5 years of construction experience. He has proven successful in planning, executing, and spearheading a wide variety of construction projects. Mr. Pigna's strong analytical and leadership skills, as well as his ability to anticipate business needs, has enabled him to forge strong and lasting partnerships across multiple organizational levels.

Key Projects

Project: City of Fort Lauderdale Victoria Park Phase A & B – Small Water Main Improvements

Description: The project is located in the Victoria Park neighborhood and is bound by Sunrise Boulevard to the north, Broward Boulevard to the South, Federal Highway to the west and Victoria Park Road to the east. The project will replace existing 2-inch cast iron water main with approximately 60,000 linear feet of 6-inch polyvinyl chloride and ductile iron water main by pipe bursting method. The project also includes the installation of new fire hydrants, installation of new water meters and boxes, reconnecting all service lines, relocation of rear alley services to the front of the property, installation of air release valves, and restoration of all affected areas. **Cost:** \$10,915,363.44; **Role:** Project Manager.

Project: City of Fort Lauderdale Las Olas Phase II Force Main

Description: The project will connect Pump Station D-37 on Lido Drive to the recently installed 16-inch force main that crosses under the Intracoastal Waterway. This includes the installation of 16-inch high density polyethylene (HDPE) pipe under Las Olas Boulevard to connect Pump Station D-37 and Pump Station D-38 to the force main under the Intracoastal Waterway. The Project consists of the following scope of work: a) Approximately 3,000 LF of 16-inch HDPE force main along Las Olas Boulevard via horizontal directional drilling (HDD). This included three pulls of 1,600 LF, 900 LF and 500 LF. These three pulls were connected via open cut. b) Connect proposed piping on the east end to the existing 16-inch nominal diameter force main that extends under the Intracoastal Waterway. c) Connect proposed piping to the 10-inch discharge force main at Pump Station D-38 at SE 25th Avenue. d) Connect proposed piping to the existing 16-inch HDPE piping on Las Olas Boulevard at Lido Drive. e) Install 10-inch HDPE with valve and plug for future connection at Seven Isles Drive via open cut crossing Las Olas Boulevard. **Cost:** \$10,915,363.44; **Role:** Project Manager.

Project: City of Boynton Beach Central Seacrest Phase II – Water Main Replacement

Description: Project consisted of 42,191 feet of 6-inch and 8-inch water main replaced with pre-chlorinated pipe bursting, directional drill and open cut. **Cost:** \$5,058,579.60. **Role:** Project Manager.

Project: The City of Wilton Manors Water Main Replacement

Description: Design-Build for 5,500 LF 8" and 6" WM Replacement within a major FDOT right-of-way. Mr. Pigna was responsible for the submittal and application process of all MOT and FDOT permitting and ensuring compliance with all criteria. Mr. Pigna was also responsible for the coordination of multiple subcontractors in conjunction with managing all components of the project. Mr. Pigna established systems to maximize profitability and ensure all milestones were met in a timely manner while coordinating all processes with the owner. **Cost:** \$903,000; **Role:** Project Manager.

Project: City of Arlington (TX) Water Main Replacement

Description: Design-Build for 10,000 LF of 8" and 6" WM Replacement. Mr. Pigna was responsible for managing all elements of the project execution and coordinating all processes throughout several locations throughout Arlington. Mr. Pigna also was responsible for the coordination and oversight of several subcontractors while implementing systems to maximize the profitability. **Cost:** \$2.6 Million; **Role:** Project Manager.

Qualifications of the Team

ANGELO FURNO SCHEDULER / PROJECT CONTROL SPECIALIST

Total Years of Experience
10

Project Role
Project Manager

Training & Certifications

- Work Zone Traffic Control MOT Intermediate Level
- Site Safety/OSHA Compliance
- OSHA 30 Hour
- CPR

Mr. Furno has over 10 years of experience in the utility construction industry. He has worked as a project estimator, project manager, superintendent and construction manager and supervised many neighborhood improvement projects ranging from \$2 Million to \$100 Million, with multiple Design-Builds. These projects include water main, sanitary sewer mains, storm water drainage, force mains, directional drill, jack and bores, roadways, and streetscape improvements.

Key Projects

Project: City of Fort Lauderdale Victoria Park Phase A & B – Small WM Improvements

Description: The project is located in the Victoria Park neighborhood and is bound by Sunrise Boulevard to the north, Broward Boulevard to the South, Federal Highway to the west and Victoria Park Road to the east. The project will replace existing 2-inch cast iron water main with approximately 60,000 linear feet of 6-inch polyvinyl chloride and ductile iron water main by pipe bursting method. The project also includes the installation of new fire hydrants, installation of new water meters and boxes, reconnecting all service lines, relocation of rear alley services to the front of the property, installation of air release valves, and restoration of all affected areas. **Role:** Construction Manager. **Cost:** \$10,915,363.44 Million

City of Hollywood Water Main Replacement Replacement Program (Johnston Street to Taft Street from N 76th Terrace to N 66th Ave). The work to be performed involves the replacement and upgrades of approximately 106,000 linear feet of water mains, 1200 service connections, addition of fire hydrants, 7,500 linear feet of reuse main for future connection and 50 linear feet of force main to be installed within the project area of Johnson St to Taft St from N 76th Terr to N 66th Ave in the City of Hollywood. This project consists of the replacement of Asbestos/Cast Iron pipes of various sizes with 4" to 12" (C-900) PVC water mains, installation of 6" DI hydrant piping with new fire hydrants, relocation of existing meter from back to front of houses and new water service connections on private property and public right of way. Also, the installation of a 12" reuse main along Johnson Street and N 72nd Ave., and 50 linear feet of force main to be installed at the intersection of Taft St. and 72nd Avenue. Some of the key construction activities include survey, permitting, location and protection of existing utilities, preparation and submittal of shop drawings, installation of storm water pollution prevention systems, maintenance of traffic, milling and resurfacing, pavement marking and signage, pipe trench excavation and restoration, pipe installation, valves installation, appurtenances. **Role:** Project Manager. **Contract Amount:** \$13,485,230.0.

City of Fort Lauderdale GTL WWTP Rehabilitation of Pre-Stressed Concrete Pipe (PCCP). The Work includes design, labor, material, and equipment to by-pass pump, shore, dewater, protect, drain, temporarily support and relocate conflicting utilities, remove, replace, test, dispose, and restore disturbed areas for the prestressed concrete cylinder pipe conveying pretreated raw sewage from the pretreatment building to reactor two inlet box; and prestressed concrete cylinder pipe from reactor one outlet box conveying clarifier influent wastewater to battery 3 clarifier splitter box. The prestressed concrete cylinder pipe (PCCP) will be replaced with ductile iron pipe (DIP). Some of the PCCP will be removed, but not replaced. There are approximately 1,245 linear feet of 42-inch and 48-inch diameter to be removed and replaced with approximately 410 linear feet of new ductile iron pipe. There is approximately 1,200 linear feet of 6-inch diameter fiberglass pipe conveying odor control chlorine solution originating from the chlorine building's west exterior and terminating at the pretreatment building's east exterior; the replacement pipe material shall be schedule 80 polyvinyl chloride. **Role:** Project Manager. **Contract Amount:** \$3,758,000.00.

Design-Build Services for Wastewater System: Village of Islamorada, Islamorada, FL – Superintendent for the extension of sanitary sewer service to the incorporated islands of Plantation Key (North Plantation Key, (NPK), and South Plantation Key (SPK)), Windley Key (WK), and Upper and Lower Matecumbe Keys (UMK and LMK). **Role:** Construction Manager. **Contract Amount:** \$104,950,279.

Qualifications of the Team

DAVID MARIN

GENERAL SUPERINTENDENT

Total Years of Experience
22

Project Role
Quality Control & Quality Assurance

- Training & Certifications**
- QA/QC/Field Engineering Course Work
 - CSP
 - Confined Space, Fall Protection, Scaffolding, and Trenching & Excavation
 - DOT Maintenance of Traffic Intermediate Certification
 - Construction Safety and First Aid/ CPR
 - Site Safety/OSHA Compliance
 - Road, Bridge and Utility Construction Supervision
 - Environmental Remediation

Mr. Marin has made a career in the construction industry over the past 22 years, with the past 12 in utility construction. This experience includes working at Fountain Engineering and Redland Company focused on water/sewer installations, both Florida companies. He performed at every level within the industry including laborer, operator, foreman, superintendent, project manager and now safety officer for Murphy Pipeline. He has been responsible for and managed multimillion-dollar projects overseeing teams with a determined focus on safety

Key Projects

Project: City of Fort Lauderdale Emergency Design-Build 30-inch Force Main Replacement
Description: Design-build manager for four phases within the City. These nearly 20,000 lf of pipeline were replaced through a combination of CompressionFit, directional drilling, and traditional open cut installation. DBE Utility Services was the team's partner for HDD. Environmental compliance, subaqueous crossing, public involvement, maintenance of traffic and congested utility corridors in the busy Sistrunk and Himmarshee Business Districts were some of the additional project complexities. Dewatering permitting and groundwater modeling due to contaminated sites within a quarter mile of the projects were required. **Cost:** \$17,000,000; **Role:** QC/QC and Construction Manager.

Project: Miami-Dade Water & Sewer Dept, Rehabilitation Design/Build of 54-Inch PCCP Force Main on W. Flagler Street - Contract No. S-916

Description: This is a Design/Build project in conjunction with our design partners WSP. The project consists of the rehabilitation through CompressionFit of approximately 3,850 LF of underground PCCP 54" force main that commences at the intersection of West Flagler Street and SW 78th Place proceeding east along Flagler Street to the location of Pump Station 187 just prior to the canal crossing west of NW 72nd Avenue. Additionally, the project includes the performance evaluation of the 54-inch canal crossing upon deactivation of the force main. **Cost:** \$4,660,000; **Role:** QC/QC and General Superintendent.

Project: Florida Keys Aqueduct Authority CUDJOE Wastewater Improvements

Description: The project consisted of 500,000 linear feet of gravity sewer and low-pressure grinder sewer with over 62 neighborhood lift stations. In addition to the sewer components, the project included over 55,000 lf of water main replacement of 6-inch, 8-inch and 12-inch by open cut. **Cost:** \$97,000,000; **Role:** QC/QC and Construction Manager.

Project: Design-Build-Operate for the Village of Islamorada Wastewater Collection System

Description: The DBO scope generally includes the following: 4 vacuum pump stations; 1 master pump station; 7 Ocean Channel Creek HDD crossings from 8-inch to 18-inch; 400,000 LF of 3" and 10" PVC / HDPE for vacuum/low pressure grinder collection system; 100,000 LF of 8" and 18" transmission main and 550 residential grinder pumps. **Cost:** \$104,950,279; **Role:** QC/QC and Construction Manager.

Project: City of Wilton Manors – WM Replacement along NE 6th Street and NE 26th Ave

Description: consisted of 12,640 feet of 6-inch and 8-inch water main replaced with pre-chlorinated pipe bursting, directional drill and open cut. **Cost:** \$1,201,745.25. **Role:** Operations Manager.

Project: The City of Wilton Manors Water Main Replacement

Description: Design-Build for 5,500 LF 8" and 6" WM Replacement within a major FDOT right-of-way. Mr. Pigna was responsible for the submittal and application process of all MOT and FDOT permitting and ensuring compliance with all criteria. Mr. Pigna was also responsible for the coordination of multiple subcontractors in conjunction with managing all components of the project. Mr. Pigna established systems to maximize profitability and ensure all milestones were met in a timely manner while coordinating all processes with the owner. **Cost:** \$903,000; **Role:** Construction Manager.

Qualifications of the Team

MICHAEL ALVAREZ

PROJECT HEALTH AND SAFETY MANAGER

Total Years of Experience
35

Project Role
Superintendent

Training & Certifications

- OSHA 10 Hour
- OSHA 30 Hour
- Competent Person
- FDOT MOT Advanced
- Confined Space
- Trenching and Excavating
- Emergency Responder
- Master Certified Diver and Rescue

Mr. Alvarez is a results-oriented, hands-on Construction Manager with over 35 years of underground construction experience. He has proven success in executing and managing a wide variety of construction projects. Mr. Alvarez effectively oversees the complete construction process to maximize quality, cost control, and efficiency on each job site. He prioritizes a client focused approach to ensure owner satisfaction and to maintain project schedule and to finish within budget.

Key Projects

Project: Miami-Dade Water & Sewer Dept, Rehabilitation Design/Build of 54-Inch PCCP Force Main on W. Flagler Street from SW 78th Place to Meter Station East of SW 72nd Ave – Contract No. S-916

Description: This is a Design/Build project in conjunction with our design partners WSP. The project consists of the rehabilitation through CompressionFit of approximately 3,850 LF of underground PCCP 54" force main that commences at the intersection of West Flagler Street and SW 78th Place proceeding east along Flagler Street to the location of Pump Station 187 just prior to the canal crossing west of NW 72nd Avenue. Additionally, the project includes the performance evaluation of the 54-inch canal crossing upon deactivation of the force main. **Cost:** \$4,660,000; **Role:** Superintendent.

Project: City of Bal Harbour Phase 3A Water Main Improvements Project

Description: The project consisted of the replacement of the water main and services in Phase 3A which is from Bal Bay Drive to Harbour Way from Park Drive to Bal Cross Drive. The project included the pipe bursting of approximately 1,100 LF of 10-Inch HDPE; HDD of 1,400 LF of 6 and 8-Inch HDPE; and 36 Rear Conversions. **Cost:** \$984,702.52; **Role:** Superintendent.

Project: City of Bal Harbour Phase 4 – 20-Inch Water Main Replacement

Description: The project consisted of the new installation of 20-Inch Water Main in the City of Bal Harbour along Park Avenue from Collins Avenue to Bal Bay Drive. The project includes the replacement of 4,700 LF of 20-Inch HDPE via Horizontal Directional Drilling.

Cost: \$1,887,664.04; **Role:** Superintendent.

Project: City of Boynton Beach Central Seacrest Corridor Utility Improvement Project Phase 2

Description: The proposed improvements are water main replacement, moving back yard water meters to front yards, storm water system upgrades, pavement overlay, roadside swales, driveway aprons, sidewalks and wastewater force main. The Central Seacrest Corridor Utility Improvements Phase 2 project was further divided into two general areas. Phase 2a, the Forest Park neighborhood improvement area, is generally bordered on the north by SW 4th Avenue, on the east by the FEC Railroad, on the south by Woolbright Road, and on the west by SW 4th Street. Phase 2b, the proposed wastewater force main, begins from SW 3rd Street and generally goes southeast across Seacrest Boulevard, Woolbright Road, FEC Railroad, US-1 and the Intracoastal Waterway (ICWW), ending in Chickasaw Avenue. **Cost:** \$13 Million; **Role:** Superintendent.

Qualifications of the Team

Daniel Davila, P.E.

Design Manager

Education

Bachelor of Science, Civil Engineering, University of Florida, 2000

Registration

Professional Engineer, Florida, 63014, 2005

Professional Affiliations

American Academy of Environmental Engineers

American Society of Civil Engineers

Florida Engineering Society

Florida Healthcare Engineers Association

Certifications

Stormwater Management Inspector

Mr. Davila has experience on numerous private and public clients that range from residential developers, industrial developers, municipalities, federal agencies, hospitals, universities, and educational institutions. His experience includes planning and design of stormwater systems, water and wastewater facilities, facilities planning, utilities master planning, infrastructure renewal, roadway design, and construction management. He has been the contract manager for small projects as well as large complex projects managing millions of dollars in design fees and several subconsultants.

Project Experience

Country Club Ranches Water Main Project with City of Miramar - RFQ 19-10-03, City of Miramar, FL. CMA is providing professional engineering services for the Country Club Ranches Water Main Project. CMA is completing the design and construction of 20,000 linear feet of a new water distribution system to services the Country Club Ranches community. Country Club Ranches is a developed, semi-rural, residential community, and is primarily served by private water wells and septic tanks. The project includes new water distribution system to include fire hydrants, valves, water services, air release assemblies and required appurtenances throughout the Country Club Ranches community in order to supply municipal water service to the residents.

The scope of services includes planning, engineering reporting, engineering design, technical specifications, contract preparation, permitting and construction management.

Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B, Lauderdale Lakes, FL. The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Project includes the improvements to the existing water distribution system, sanitary sewer system, and transmission systems within the project area along with the restoration of surface areas disturbed for the construction of said improvements. The existing system being replaced consists of approximately 168,100LF of water mains, 122,100 LF of sanitary sewer mains and 23,600 LF force main. The existing water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, polyvinyl chloride pipe ranging from 2" - 24" in diameter size. The sanitary sewer consists of vitrified clay, fold and form liner, cured in place liner and ductile iron pipe ranging from 8" - 15" in diameter size. The force main consists of asbestos cement, cured in place liner, ductile iron and polyvinyl chloride pipe ranging from 6" - 16" in diameter size.

Qualifications of the Team



There are 8 Broward County lift stations in these UAZ areas and 1 private lift station which sanitary sewer systems will need to connect to. Two of these stations will need rehabilitation/replacement, the extent of rehabilitation of existing stations will be determined. The restoration of roadways, sidewalks, driveways, and landscape areas will need to be performed as needed for water and sanitary sewer improvement construction.

Ft Lauderdale FM Rehab, HDD & Swageline (1-4). CMA was the prime consultant for the 30" Emergency Force Main Rehabilitation project in the City of Fort Lauderdale. This innovative design-build project, led by Murphy Pipeline Contractors (MPC), was undertaken to provide both mainline force main replacement for aging infrastructure and to provide additional redundancy in case of future issues.

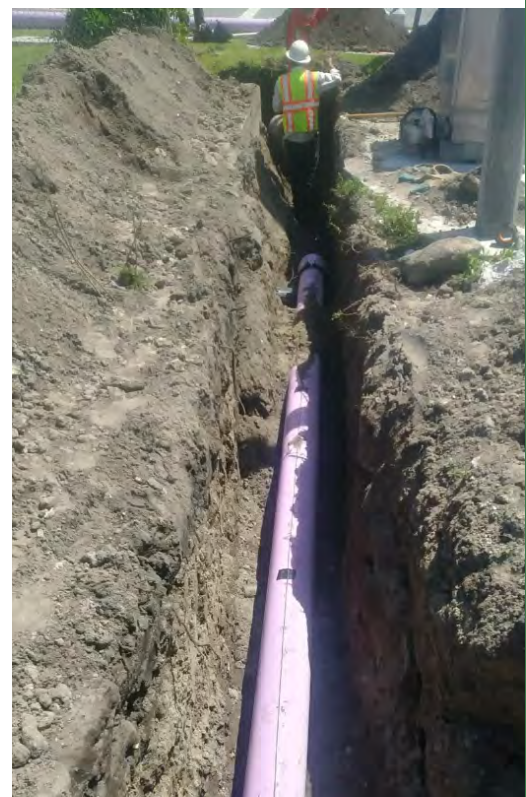
The contract was divided into four (4) phases within the City of Fort Lauderdale. The nearly 20,000 linear feet of pipeline was rehabilitated through a combination of swagelining, directional drilling, and traditional open cut installation over these four phases. CMA provided planning, design, permitting, and engineering services during construction. Environmental compliance, subaqueous crossing, public involvement, and maintenance of traffic in the busy Sistrunk and Himmarshee Business Districts were some of the additional project complexities. CMA also provided dewatering permitting and groundwater modeling due to contaminated sites within quarter mile of the projects. This project was awarded the 2019 Project of the Year by the ASCE Broward Branch.

BC-Potable Water Storage Tanks - Ph II & III, Fort Lauderdale, Florida. BCWWS – Potable Water Storage Tank and Pumping System District 3A. This project is part of the City of Fort Lauderdale Consent Order with the Florida Department of Environmental Protection and it entails the design-build of approximately 3,000 linear feet of HDPE forcemain pipe on Las Olas Boulevard. The pipe was installed via horizontal directional drilling (HDD) and the site has various challenging conditions including installation in the east part of the City which is a network of islands connected by one of the most important City Streets, Las Olas Boulevard. The project required design of three horizontal directional drills, open cut sections and connection to an existing lift station. Chen Moore also prepared the detailed dewatering plans, permit and MOT plans. The project was design, permitted and constructed in less than on year.

BCWWS – Potable Water Storage Tank and Pumping System District 1B1. CMA is a subconsultant to Carollo Engineers for Civil Engineering, Site Planning, and Landscape Architecture Services for the Broward County 1B1 Tank and Pumping facility. The project consists of a 5.70 acre site located in the City of Fort Lauderdale. As part of this project, Broward County expanded the facility to add a 1.5 million gallon potable water storage tank and a High Service Pump Station (HSPS). CMA provided design and permitting for the yard piping which included 24", 16", 12", and 10" ductile iron pipeline for the tank and pump. CMA was also responsible for the water and sewer facilities which included the relocation of a 16" forcemain, a new lift station, potable water lines, and fire lines. It also included a new stormwater system for the site which included a dry detention system with a network of exfiltration trenches and storm inlets. In addition, CMA was responsible for all landscape architecture, site planning, and DRC approvals and variances through the City.

BCWWS – Potable Water Storage Tank District 2A. CMA is a subconsultant to Carollo Engineers for Civil Engineering, Site Planning, and Landscape Architecture Services for the Broward County 2A Tank. The project consists of a 14.50 acre site located in the City of Pompano Beach. As part of this project, Broward County expanded the facility to add a 5.0 million gallon potable water storage tank. CMA provided design and permitting for the yard piping which included 54", 48", 42", and 16" ductile iron pipeline for the new tank. CMA was also responsible for the water and sewer facilities which included a new 6" forcemain a new dry detention area, regrading of the site and storm drain inlets, and permitting through FDEP and EPGMD. CMA was responsible for all landscape architecture, site planning, and DRC approval through the City.

5. Project Methodology & Approach



5. PROJECT METHODOLOGY & APPROACH

I. BACKGROUND

The Pump Station B-4 Redundant Force Main project consists of the design, permitting and construction of the following:

1. One new 24-inch nominal internal diameter force main along Bayview Drive utilizing high-density polyethylene pipe installed by horizontal directional drilling (HDD) and ductile iron pipe for connections via open-cut installation as required.
2. Connect proposed piping on the southern end to the discharge piping of Pump Station B-4.
3. Connect proposed piping to the 24-inch stub out near NE 21st Street and Bayview Drive.
4. Interconnection with existing 10-Inch force main between NE 18th Street and NE 17th Street
5. Restore work area including City park area damaged by work as required.
6. Relocate water main and reconnect services in conflict as required.

Our team has identified several important aspects that will be discussed in the following pages and in our Project Approach. Murphy Pipeline Contractors (MPC) and Chen Moore and Associates (CMA) have been working with the City of Fort Lauderdale for over 20 years and together we bring the construction experience, engineering expertise and key relationships to bring maximum value to the City for this important project. The MPC/CMA team has previously worked for the City as a Design-Build team delivering successful high-profile projects such as Las Olas Phase II Force main Replacement (City Project P12390), the 30" Emergency Forcemain Replacement (City Project P12319) and currently working on the North Redundant Sewer Force Main Project (City Project P12566). We understand the importance of this project and various challenges that need to be addressed. This team brings the local knowledge, expertise, and local relationships to make sure this project is a success for the City.

In addition, we are the only team that is actively working in Bayview Drive, an important City Collector street, which has very specific conditions such as challenging soil conditions, high water table, high traffic flow, and a high visibility residential area. This unique knowledge makes the MPC/CMA team the most experienced and qualified for this project. We have eliminated any learning curve on the job which will be key to expedite this important project and meet the City's needs.



Figure #1: Project Area

II. APPROACH METHODOLOGY

As previously indicated, our team has successfully designed, permitted, and constructed several projects in South Florida and the City of Fort Lauderdale. Our approach is simple but efficient and it will allow us to provide the City with sound efficient design and construction within budget and ahead of schedule.

Our Project Approach typically is comprised of 4 key steps:

1. Data Gathering and Preliminary Investigations
2. Construction Documents
3. Regulatory Agency Permitting
4. Approach During Construction

Data Gathering and Preliminary Investigations (Completed)

This step of the project is an important part of the project. It requires detailed attention, experience, organization, and substantial coordination. This is the step of our project approach in which we learn everything about the project, where we learn the limitations, existing conditions and where we coordinate with most stakeholders.

We start this project by conducting an internal kick-off meeting with subconsultants. At the meeting, details of the project are shared with subconsultants, internal milestones are established, and key items are discussed. Typically, topographic surveys, environmental, site visits, surveys and assessments, and geotechnical engineering will be performed under this phase. However, prior to sending our team to the field, we make sure they have all available information such as as-builts and previous surveys for their use.

The following are the tasks performed under this phase:

- a. Call for design tickets (811)
- b. Review as-builts, GIS and existing information (utilities)
- c. Perform survey, test holes, underground utility exploration and designations (GPR)
- d. Review environmental permits and address concerns
- e. Release Geotechnical Engineer as applicable
- f. Research and study right-of-way lines; research jurisdictions
- g. Review traffic reports and previous assessments. Begin MOT coordination
- h. Identify contaminated sites and or sensitive sites
- i. Contact permitting agencies, request previous permits for project area and adjacent areas as applicable. Review permits
- j. Meet with regulatory agencies as necessary and discuss project
- k. Meet with City staff, including maintenance and operation staff

It is imperative that design tickets (811 calls), coordination with utility providers, as-built review and site visits are thoroughly performed to understand the constraints and determine the best options for the design. Our team has in-house procedures and checklists to make sure we do not miss a step in the critical Data Gathering phase. We also keep a log for all utility coordination which we continue to update as information is made available to us. This Utility Tracking Log will be shared with City staff during the course of the project. Below is an example of a tracking log which shows agencies contacted, utilities encountered, dates of latest information received and contact person.

5	Public Involvement	Our team will work with the City and meet with residents as necessary. Our team can organize meetings, prepare exhibits and attend workshops as necessary
6	Safety of local residents	Careful MOT plans, proper signalization, a clean job site and safety controls will be implemented and monitored daily to ensure safety is a priority
8	Utility Impacts	Minimize impacts as much as possible by being proactive and contacting utility owners. For unavoidable impacts coordinate utility impacts early in design and develop utility work schedules for all utilities

Regulatory Agency Permitting

As previously indicated, our team will begin coordination with regulatory agencies within days of receiving an NTP. Coordination with regulatory agencies is performed during the entire Project duration. It begins prior to the kickoff meeting with our initial as-built investigation and existing permits research; and ends with the project close-out and final certifications. It is of the upmost importance that the regulatory agencies are approached and engaged from the beginning to avoid any surprises. We will attend pre-application meetings with all the regulatory agencies prior to initiating the design.

Our team has excellent relationships with the regulatory agencies that will be engaged under this contract. Our team has years of experience in dealing with the local agencies including utility providers, SFWMD, EPGMD, BCTED and FDEP. *For this project we have already contacted the regulatory agencies and we plan to expedite permitting to deliver the project early.*

Permits and/or coordination for this project will be required for:

- Force Main construction
- Dewatering during construction within contaminated areas
- NPDES – Stormwater Pollution Prevention
- Pavement markings and signage
- Municipal permitting

Our Team anticipates the following agencies that will be part of this project:

- Broward County Environmental Protection & Growth Management Department (EPGMD)
- Broward County Traffic Engineering Division (BCTED)
- Florida Department of Environmental Protection (FDEP)
- Utility Providers



Approach During Construction



The MPC team has reviewed the scope of the project and fully understands the unique elements. During the preconstruction phase, our team is prepared to meet with the City staff to develop a preconstruction plan with milestones to keep the project on time and within budget. Our team can provide value engineering ideas throughout the pre-construction phase. Our team is prepared to meet the needs of the City, in order, to provide a quality project to the City

of Fort Lauderdale and its stakeholders. The MPC team has reviewed the scope of the project and fully understands the unique elements

Long lead items are a major facet of any construction project. We will work diligently to provide all stakeholders and permitting agencies with product submittals in a timely and efficient manner. We are also cognizant of the standard review times for the different agencies thus a submittal schedule will be tracked throughout each project. Due to the short design timeframe, the following items will need to be considered in the preconstruction phase:

- Dewatering Permit;
- NPDES plan;
- Maintenance of Traffic Plan;
- 30-Inch HDPE Release

One critical component of this project that may become a problem without adequate planning during the preconstruction phase relates to existing utilities. Often, based on our professional experience, as-built's are not truly representative of in place utility systems. Our team believes in verifying the existing as-built's with actual in place investigation during the preconstruction phase in an effort minimize any problems during the construction phase.

A local office for this project is extremely important due to the unique elements of this project. Our design partner's office is located at 500 West Cypress Creek Road, Suite 630, Fort Lauderdale, FL 33309. This is an ideal location since it is approximately 8 miles from City Hall and approximately 5 miles from the project site.

At our local office, weekly meetings will be conducted with the project team to review the project followed by site visits. Two – Week look ahead schedules will be provided on a weekly basis. Also, our firm believes in fast track construction. MPC has an extensive subcontractor database covering all the diverse scopes of work items posed with this project.

The MPC team has established the following project items that will contribute to the success of the project:

- Public Outreach
- Environmental Protection
- Maintenance of Traffic and Public Safety
- Quality Control and Assurance
- Project Schedule
- Available Resources and Current Workload



Public Outreach

Public outreach is an important part of the project in design and construction. Our team understands the significance of a well-design public outreach program. Through the team's local relationships and outreach expertise, we are able to successfully implement the required public outreach tasks on any given contract such as collateral development, public meeting, mass mailers, stakeholder briefings, media outreach and meeting coordination.

Our team would be available to meet with neighborhood associations, community groups, businesses, elected officials and administrators during design as directed by the City of Fort Lauderdale. If requested, we would prepare informative displays and power point presentations for meetings illustrating key ideas and concepts developed by our team in close coordination with City staff.

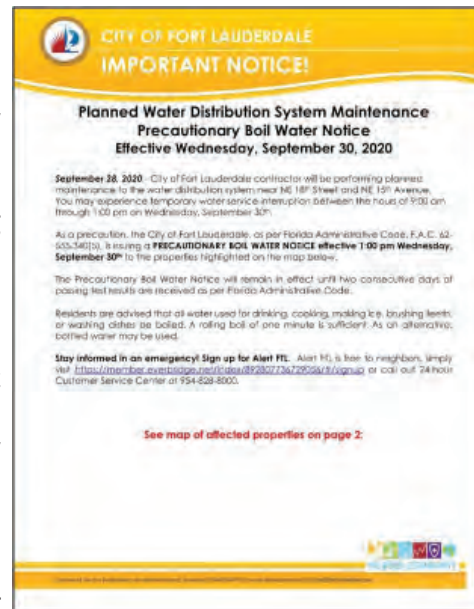
We consider that public involvement is a two-way communication aimed at providing information to the public and incorporating input from the public in the decision-making process. Residents play an integral role in shaping decisions that will affect their communities. We recognize the importance of involving the public as early as possible.

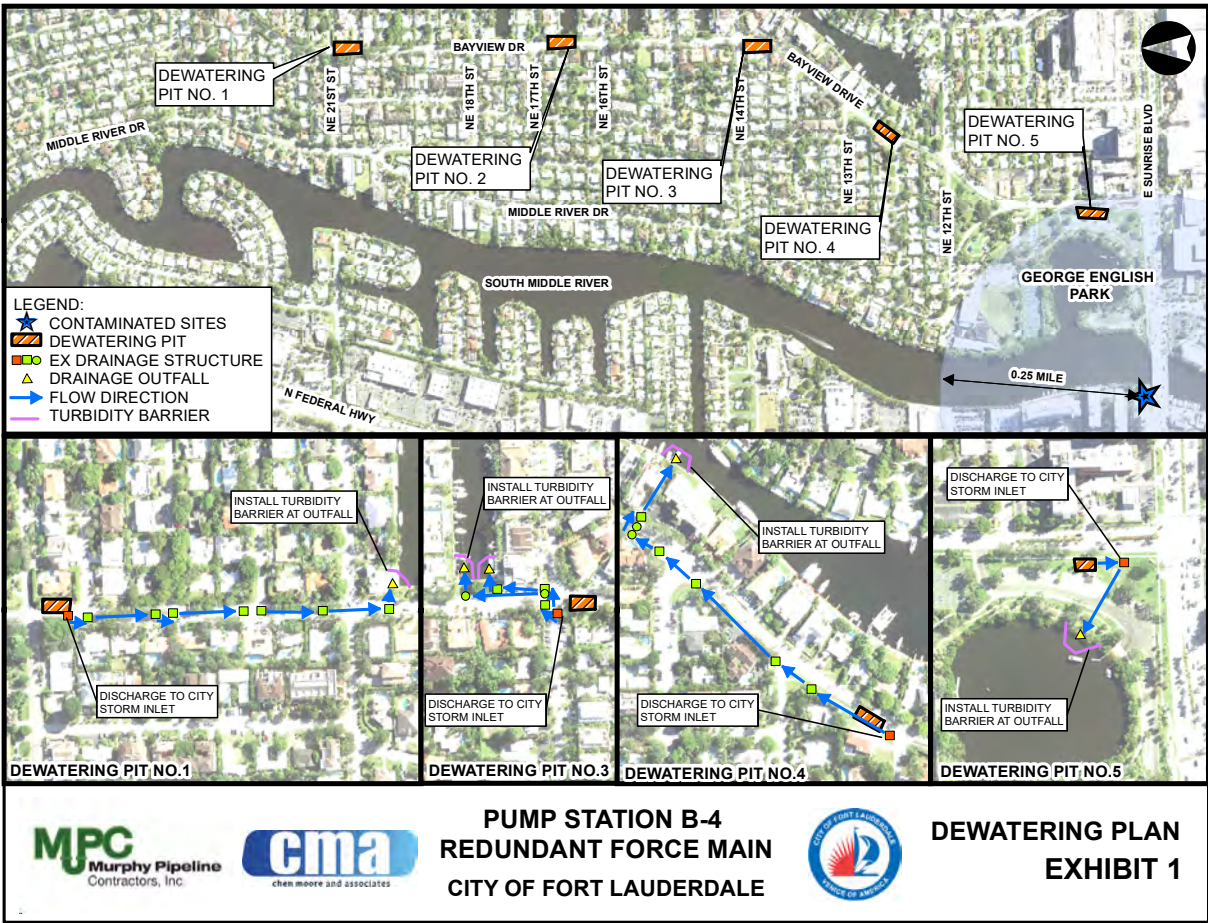
Even the most seasoned design and construction professionals are not pleased when construction occurs in front of their own homes and this fact is not lost on the MPC Team. The key to minimizing the shock of impacts to the local property owners and businesses is by sharing schedule details with the impacted parties early and often. The public information phase of this project is key to the overall success of the job. Our team specializes in client support for community meetings, listening to resident requests and adjusting where feasible to make the construction as seamless as possible and mitigate any disturbances.

Our public liaison is headed by Ms. Rowynna Ribeiro who is currently working on the North Redundant Sewer Force Main project and is quite familiar with this neighborhood already. Ms. Ribeiro will be responsible for creating and implementing our public outreach program. Ms. Ribeiro will provide two-week construction notices along with the 48-hour notices to keep the residents informed. She will log all communications in our tracking system, categorized by a general question, to its resolution. The MPC Team documents all correspondences and tracks until the items are addressed or closed out.

Environmental Protection

The MPC Team has developed a plan based on the geotechnical findings, knowledge of the local conditions and regulatory environment and best practices from past projects within the City of Fort Lauderdale. A search of the Florida Department of Environmental Protection (FDEP) database has found one potential contamination site within vicinity of the project. We have provided below our dewatering plan where it shows that 3 out of the 4 pits do not encounter any potential contamination and Dewatering Pit No. 4 will require further investigation to determine whether remediation will be necessary. The exhibit below also shows our SWPP plan identifying the storm drainage system, inlets to be protected, floating turbidity barriers at outfalls and sedimentation protection to be implemented for each one of the proposed open cut sections.





Since this project will be done via HDD, this will minimize the need for dewatering. We anticipate specifically the pits to the north will be done thru open pumping rather than well points thereby minimizing the dewatering efforts. Additionally, MPC is prepared to install the pipe underwater, if necessary, having two certified divers within our team that are capable of doing this work.

Our team has reviewed the area and noted the outfalls that will be required to be monitored during construction. For the success of the project, SWPP Plan will be created prior to construction and adhered to on a daily basis. SWPPP Inspection Reports and Turbidity Monitoring Logs will be maintained by our Design partner CMA so we can have an independent party perform these inspections. Once MPC has been identified of any potential deficiencies, they will be resolved immediately. If site conditions change, our proposed plan will be modified / adjusted. It is essential to maintain the environmental ecosystem of the area and to withhold our construction efforts from disturbing the environment.



Maintenance of Traffic and Public Safety

At the design stage, a vital goal of our team will be to develop a Traffic Control Plan (TCP) or MOT Plan to:

- Minimize disruptions and inconveniences to residential and business owners and maintain access to properties at all times.
- Minimize Disruptions to Bus Routes.
- Minimize/Eliminate disruptions to driveways.
- Ensure safety of drivers, pedestrians and workers.
- All corrective work on private property that may have occurred during construction activities, including but not limited to the restoration of landscaping, driveways, sidewalks, and utility connection will be completed in an expeditious manner.
- Provide access for emergency vehicles at all times to all homes and businesses. Excavation will be back-filled or barricaded at the end of each workday to prevent hazardous conditions. If a trench or pit is to be left open, it will be covered with a steel plate and made accessible to residents and businesses at the end of each workday or when work will be suspended for more than eight (8) hours.
- Provide access provisions for handicapped or disabled residents if construction prevents access to their homes.

MOT Design has been Completed (1 of 2)



At the Construction stage, MPC will, at all times, conduct the construction work in a manner that will insure the least obstruction to traffic as possible and practical. Convenience of the general public and area residents and businesses shall be of primary concern and provided for in a satisfactory manner. The MPC

team will at all-times provide clear and sufficient traffic control devices and personnel to insure the safe and efficient flow of vehicular, pedestrian, mass transit, school and special needs traffic. Proper advanced notification will be made to residents, County and Cities Departments and local business.

MOT Design has been Completed (2 of 2)



6. Incentive Program to encourage works to adopt a proactive approach to safety
7. Conduct weekly safety audits
8. As work progresses, modify safety plan as necessary

Quality Control and Assurance

Through design and engineering to the installation of infrastructure, our team delivers an outstanding product by documenting all comments and providing a thorough list of what has been addressed. During installation, the MPC field team records daily activities from the installation crew to the CEI staff of Chen Moore working together to provide a quality product for the City of Fort Lauderdale.

MPC's QA/QC plan establishes the basic guidelines in which MPC will operate during construction for this project. MPC will provide the necessary supervision, inspection and testing of all items of work, including that of subcontractors and suppliers to ensure compliance with plans and specifications. This will be accomplished using MPC's Daily Construction Checklist which is performed twice a day by the Superintendent to confirm to compliance with project requirements such as active locate tickets, latest plans/specifications, approved shop drawings for work being performed, resident notified for work being performed today, survey laid out, NPDES compliance, daily project upkeep / maintenance, etc. This daily construction checklist is specifically designed on a per project basis to make sure that it meets the specific needs of that neighborhood and project. This checklist cannot be handled for the entire project but rather will be done on a per work zone basis. This is the only way to truly verify the compliance since one work zone can be in compliance and another may not be in compliance.

MPC Daily Construction Checklist					
Project Name: Phase II Las Olas Force Main			Contractor: Murphy Pipeline Contractors, Inc.		
Sr. Project Manager: Paul Seidenberg			Construction Manager: David Mann		
Permit Number: 06-0785-W			Permit Expiration Date: January 24, 2022		
Work Hours: 8:00am to 5:00pm			Special Permit:		
Locate Ticket Number: 07000488 (DBE)			Ticket Expiration Date: 4/17/20		
Location: East Las Olas Blvd. from SE 23rd Avenue to Lido Drive					
Locate Ticket Number: 08000449 (Foster Marine)			Ticket Expiration Date: 4/20/20		
Location: NE 25th Avenue Connection					
Locate Ticket Number: 08000481 (Foster Marine)			Ticket Expiration Date: 4/20/20		
Location: S.E. 25th Avenue Connection					
Locate Ticket Number: 08000462 (Foster Marine)			Ticket Expiration Date: 4/20/20		
Location: West Connection at Park					
Locate Ticket Number: 08000413 (Foster Marine)			Ticket Expiration Date: 4/20/20		
Location: West Connection just East of Lido					
Requirements	First Check		Second Check		
1. Plans, permits, and inspection card on site	Yes	No	N/A	Yes	No
2. Approved Shop Drawings for Work Being Performed	x			x	
3. Proper Construction Work Hours Observed	x			x	
4. Resident's Notified of Work Performed Today	x			x	
5. Confirm Active Locate Tickets for Work Areas	x			x	
6. Confirm Subcontractor Active Locate Ticket for Work Areas	x			x	
7. Work Streets Located? Marked? Pictures Taken?	x			x	
8. Was Gas Company Contacted? Located?	x			x	
9. Survey Layout	x			x	
10. NPDES Compliance	x			x	
11. City, native, and historical trees protected and screened		x			x
12. Public right-of-way is maintained and kept clean	x			x	
13. Open excavations inspected	x			x	
14. City noise ordinance observed	x			x	
15. Excess Construction Material removed from site	x			x	
16. Construction debris removed/maintained in a safe manner		x			x
17. Excess Trash Removed from Jobsite		x			x
18. Job site secured during non-construction hours	x			x	
19.					

Comments:
 QAOE: Paul Seidenberg
 Met with Jacobs Inspector Philip to review daily work was in progress.
 DBE drill down. New drill brought on site. New drill blow pump, DBE swapped pump drilled 265LF
 Total drilling 1265 LF
 No hoing today
 MDT in place and nothing exceptional to remark on.

Senior Project Manager Signature First Check
 Date: 3/30/2020 Time: 10:30 AM *Paul Seidenberg*

Senior Project Manager Signature Second Check
 Date: 3/30/2020 Time: 4:45 PM *David Mann*

Project Schedule

MPC will provide a detailed schedule that will conform to the agreed upon milestone schedule. These activities shall have sufficient detail to ensure an appropriate basis for monitoring and evaluating the sequence of the work and shall include major constraints including long lead items such as design stage documents, design stage document reviews by City, Shop Drawings, Fabrication, Delivery, and the individual Installation of work.

The initial baseline schedule preparation of the project schedule will be done by understanding the objectives, requirements, sequencing, and constraints that will impact the schedule. The Critical Path will be determined by those activities with the least amount of total float. Critical path activities control the overall duration of the project. An activity with less than 10 days' total float is critical and will require thorough monitoring on a regular basis to ensure timely completion of the project.

To ensure an expedited schedule, it is critical to engage the permit agencies early on with a kickoff meeting to inform them of the permit submittals that are forthcoming. This will also have the potential to reduce the reviewers' time by having a discussion upfront of their typical requests and reviewing items. One of the quickest ways to accelerate the project schedule, is to make sure that the design and permitting are completed as quickly as possible to make sure that construction can commence.

By working an aggressive design schedule in conjunction with early permitting, the design phase is proposed

to be accomplished only months after NTP. By breaking the project into Open Cut and HDD phases, this allows those two items of work to occur concurrently, which again shortens the project schedule.

Our team is anticipating completing this project in 120 calendar days to the submittal of the certification package. MPC Team can deliver this expedited schedule with no sacrifice for safety or quality. We anticipate providing two HDD crews and two open cut crews to expedite this work and complete this work by September 2021 with an anticipated start date of May/June 2021.

Once selected, the MPC Team can have further discussion with the City on means and methods and materials that could further advance the constructability and possibly earlier completion of the work.

Available Resources and Current Workload

Below is our chart with our current workload. We have 8 projects that are currently open; however, two are currently at project closeout. We are anticipating construction commencing in May/June 2021. Based on that anticipated start date, all projects will either be closed or in the closeout phase. We will have more than sufficient crews to perform this work, potentially even adding multiple crews for the HDD and Open Cut to complete the project quicker.

No	Project Name	Anticipated Completion Date	Percent Complete	Status
1	Bal Harbour Phase 3a Water Main Replacement	February 2021	96%	Project Closeout.
2	Bal Harbour Phase 4 20-Inch Water Main Installation	February 2021	82%	Construction Ongoing.
3	Bal Harbour Phase 3B Water Main Replacement	March 2021	41%	Construction Ongoing.
4	City of Fort Lauderdale (North) Redundant Sewer Force Main Project (Design/Build)	June 2021	83%	Construction Ongoing.
5	Miami-Dade WASD Rehabilitation of 54-Inch PCCP Force Main on W. Flagler Street Contract No. S-916 (Design/Build)	September 2021	31%	Construction Ongoing.
6	City of Fort Lauderdale Victoria Park	September 2021	89%	Project Closeout.
7	Florida City Force Main Replacement Phase 1 and 2	March 2021	57%	Construction Ongoing.
8	The Standard Gravity Sewer Replacement (Design/Build)	May 2021	26%	Construction Ongoing.

Each available crew typically brings a backhoe, loader, skidsteer, fusing machine, pipe bursting rig, generator, compressor and foreman truck with all of the necessary hand tools. MPC's fleet allows us the ability to be self-sufficient on most of our projects. However, should the need arise, we have accounts with the major equipment rentals in order to complete any project.

6. References



RFP NO. 12470-416 Re-Bid Design-Build Pump Station B-4
Redundant Force Main P12567



6. REFERENCES

Client Name	Project	Description of work self-performed	Year Completed	Constructon Cost
David J. Archacki EM / Utilities Director City of Wilton Manors 2020 Wilton Drive Wilton Manors, FL 33305 darchacki@wiltonmanors.com (954) 390-2190	Northeast Water Main Improvements - 125.018	5,545lf pre-chlorinated pipe bursting with temporary services	2016	\$443,075.00
Joseph Paterniti, P.E. Interim Utility Director City of Boynton Beach 124 E. Woolbright Road Boynton Beach, FL 33435 paternitij@bbfl.us (561) 742-6423	The City of Boynton Beach Operations Contract; Watermain Replacment	Ongoing contract with the City of Boynton Beach for watermain rehabilitation	Ongoing	\$3,000,000.00
John Doherty Assistant Director PWD City of Tamarac 7525 NW 88th Avenue Tamarac, FL 33321 john.doherty@tamarac.org (954) 597-3570	The City of Tamarac Drainage Improvements- The Boulevards	Rehabilitation of 2600 LF of 24" drainage system	2018	Original Contract - \$1,507,445 Actual Cost \$1,298,034
Tim Welch Utilities Director City of Sunrise 777 Sawgrass Corporate Parkway Sunrise, FL 33325 utilitiesdirector@sunrisefl.gov (954) 888-6000	The City of Sunrise Escape/ Valencia Watermain Improvement Project	Replacement of 31,650 LF of 4", 6", 8" watermain with approximately 725 service connections within established community	2018	Original Contract - \$4,521,500 Actual Cost - \$4,113,433

References

7. Price Proposal Form



7. PRICE PROPOSAL FORM

Price Proposal Form





PRICE PROPOSAL FORM

RFP #12470-416 RE-BID DESIGN-BUILD SERVICES FOR PUMP STATION B-4 REDUNDANT FORCE MAIN P12567

DESIGN

1. Design Development	\$ <u>166,000.00</u>
2. Construction Administration	\$ <u>41,000.00</u>
SUB-TOTAL DESIGN COSTS	\$ <u>207,000.00</u>

CONSTRUCTION

GENERAL

3. Mobilization/Demobilization	\$ <u>182,000.00</u>
4. Maintenance of Traffic	\$ <u>8,100.00</u>
5. Restoration	\$ <u>61,400.00</u>

FORCEMAIN

6. 24-Inch Opencut Piping <i>(Includes labor, material, fittings, valves, ARV's, manholes, testing, connection to existing force mains, connections to existing pump stations, reducers, etc.)</i>	\$ <u>238,600.00</u>
7. 24-Inch HDPE Pipeline – Directional Drill	\$ <u>1,980,889.00</u>
SUBTOTAL CONSTRUCTION COSTS	\$ <u>2,470,989.00</u>

PERMIT ALLOWANCE

8. Permitting <i>(For both Design and Construction)</i>	\$ <u>10,000.00</u>
--	---------------------

TOTAL PROPOSAL – Design, Construction, and Permit Allowance Costs (proposed “Contract Price”). Enter this figure in Bidsync, Item Response Form, to indicate your total price.

Two Million Six Hundred Eighty Seven Thousand Nine-Hundred Eighty Nine and Zero Cents
(IN WORDS)

\$ 2,687,989.00
(FIGURES)

1. The prices listed in the Price Proposal Form shall include the total cost to complete the Work including but not limited to materials, labor, equipment, profit, bonds, insurances, etc., as necessary to ensure proper execution of the design-build services and product requested by the City of Fort Lauderdale. Any pricing, quantities, costs or services that are not listed above, and are known to be required, must be added by the Proposer and listed on a separate sheet and included in the total.
2. I hereby certify that I am authorized to act on behalf of the firm, individual, partnership, corporation or association making this proposal and that all statements made in this document are true and correct to the best of my knowledge. I agree to hold this proposal open for a period of one hundred and eighty (120) days from the deadline for receipt of proposals.
3. I understand and agree to be bound by the conditions contained in the Request for Proposal and shall conform with all requirements of the Request for Proposal.

Andy Mayer

Name:

(Please Print)

President 02/17/21

Proposer Signature

Title:

Date:

Schedule of Values

Contractor's Name & Address:

Murphy Pipeline Contractors, LLC.
5400 S. University Drive, Suite 301
Davie, Florida 33328

City Proj./Imp.No.: **P12443-916**

FDOT Fin. Proj. No. _____

Periodic Est No.: **000**

SCHEDULE OF VALUES

Name of Project: **Pump Station B-4 Redundant Force Main**Work Completed From: _____ To: _____
(Date) (Date)

CONTRACT ITEMS						APPROVED CHANGE ORDER WORK				COST OF WORK COMPLETED TO DATE											
Item no.	Description of Item	Unit Qty.	Unit	Cost per unit.	Total cost of item.	CONTRACT ADJUSTMENTS				PREVIOUSLY BILLED			CURRENT BILLING PERIOD			WORK COMPLETED TO DATE			UNCOMPLETED WORK		
						C.O. #1		Adj. Qty.		Qty.	%	Cost	Qty.	%	Cost	Qty.	%	Cost	Qty.	%	Cost
	DESIGN					Qty.	\$	Qty.	\$												
1a	60% Design Phase	1	LS	\$90,000.00	\$90,000.00	\$	-	\$	-	0.00%	\$ -	0.00%	\$	-	-	0.00%	\$	-	-	0.00%	\$ -
1b	90% Design Phase	1	LS	\$44,000.00	\$44,000.00	\$	-	\$	-	0.00%	\$ -	0.00%	\$	-	-	0.00%	\$	-	-	0.00%	\$ -
1c	100% Design Phase	1	LS	\$17,000.00	\$17,000.00	\$	-	\$	-	0.00%	\$ -	0.00%	\$	-	-	0.00%	\$	-	-	0.00%	\$ -
1d	Permitting	1	LS	\$15,000.00	\$15,000.00	\$	-	\$	-	0.00%	\$ -	0.00%	\$	-	-	0.00%	\$	-	-	0.00%	\$ -
2	Construction Administration	1	LS	\$41,000.00	\$41,000.00	\$	-	\$	-	0.00%	\$ -	0.00%	\$	-	-	0.00%	\$	-	-	0.00%	\$ -
	CONSTRUCTION																				
3	Mobilization/Demobilization	1	LS	\$182,000.00	\$182,000.00	\$	-	\$	-	0.00%	\$ -	0.00%	\$	-	-	0.00%	\$	-	-	0.00%	\$ -
4	General Conditions	1	LS	\$22,000.00	\$22,000.00	\$	-	\$	-	0.00%	\$ -	0.00%	\$	-	-	0.00%	\$	-	-	0.00%	\$ -
5	Restoration																				
5a	Milling & Resurfacing	1400	SY	\$25.00	\$35,000.00	\$	-	\$	-	0.00%	\$ -	0.00%	\$	-	-	0.00%	\$	-	-	0.00%	\$ -
5b	Sod Replacement	5000	SY	\$2.50	\$12,500.00	\$	-	\$	-	0.00%	\$ -	0.00%	\$	-	-	0.00%	\$	-	-	0.00%	\$ -
6a	Open Cut Section 1 - Tie-in at Pump Station at George English Park	1	EA	\$71,600.00	\$71,600.00	\$	-	\$	-	0.00%	\$ -	0.00%	\$	-	-	0.00%	\$	-	-	0.00%	\$ -
6b	Open Cut Section 2 - Tie in at NE 12th Court	1	EA	\$25,000.00	\$25,000.00	\$	-	\$	-	0.00%	\$ -	0.00%	\$	-	-	0.00%	\$	-	-	0.00%	\$ -
6c	Open Cut Section 3 - NE 14th Street	1	EA	\$25,000.00	\$25,000.00	\$	-	\$	-	0.00%	\$ -	0.00%	\$	-	-	0.00%	\$	-	-	0.00%	\$ -
6d	Open Cut Section 4 - Tie in between NE 17th and 18th Street	1	EA	\$62,000.00	\$62,000.00	\$	-	\$	-	0.00%	\$ -	0.00%	\$	-	-	0.00%	\$	-	-	0.00%	\$ -
6e	Open Cut Section 5 - Tie in at NE 21st Street	1	EA	\$55,000.00	\$55,000.00	\$	-	\$	-	0.00%	\$ -	0.00%	\$	-	-	0.00%	\$	-	-	0.00%	\$ -
7a	24-Inch HDD Piping - HDD Drill 1	1	EA	\$594,266.70	\$594,266.70	\$	-	\$	-	0.00%	\$ -	0.00%	\$	-	-	0.00%	\$	-	-	0.00%	\$ -
7b	24-Inch HDD Piping - HDD Drill 2	1	EA	\$396,177.80	\$396,177.80	\$	-	\$	-	0.00%	\$ -	0.00%	\$	-	-	0.00%	\$	-	-	0.00%	\$ -
7c	24-Inch HDD Piping - HDD Drill 3	1	EA	\$574,457.81	\$574,457.81	\$	-	\$	-	0.00%	\$ -	0.00%	\$	-	-	0.00%	\$	-	-	0.00%	\$ -
7d	24-Inch HDD Piping - HDD Drill 4	1	EA	\$415,986.69	\$415,986.69	\$	-	\$	-	0.00%	\$ -	0.00%	\$	-	-	0.00%	\$	-	-	0.00%	\$ -
	PERMIT ALLOWANCE																				
8	Permitting	1	LS	\$10,000.00	\$10,000.00	\$	-	\$	-	0.00%	\$ -	0.00%	\$	-	-	0.00%	\$	-	-	0.00%	\$ -
Subtotal Construction Costs (Contract Items):					\$2,687,989.00	\$	-	\$	-	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$	-	0.00%	\$	-		

Additional Items by Change Order (if applicable)					C.O. #1		Adj. Qty.		PREVIOUSLY BILLED			CURRENT BILLING PERIOD			WORK COMPLETED TO DATE			UNCOMPLETED WORK		
Item No.	Description of Item	Cost per unit	Unit		Qty.	\$	Qty.	\$	Qty.	%	Cost	Qty.	%	Cost	Qty.	%	Cost	Qty.	%	Cost
						\$ -		\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -
						\$ -		\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -
						\$ -		\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -
						\$ -		\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -
						\$ -		\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -
						\$ -		\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -
Subtotal Construction Costs (Additional Items):						\$ -		\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -
TOTAL CONSTRUCTION COSTS:						\$ -		\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -		0.00%	\$ -

8. Contract Forms



RFP NO. 12470-416 Re-Bid Design-Build Pump Station B-4
Redundant Force Main P12567



8. CONTRACT FORMS

Contract Forms



STATEMENT OF QUALIFICATION CERTIFICATION

Please Note: It is the sole responsibility of the bidder to ensure that his bid is submitted electronically through www.BidSync.com prior to the bid opening date and time listed. Paper bid submittals will not be accepted. All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the Department of State, in accordance with Florida Statute §607.1501 (visit <http://www.dos.state.fl.us/>).

Company: (Legal Registration) Murphy Pipeline Contractors LLC

Address: 5400 S. University Road, Suite 301

City: Davie State: FL Zip: 33328

Telephone No. 954-842-4771 FAX No. 904-379-6193 Email: rcrow@teamipr.com

Check box if your firm qualifies for MBE / SBE / WBE: ☐

ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in the proposal:

Addendum No.	Date Issued	Addendum No.	Date Issued	Addendum No.	Date Issued

VARIANCES: TIME IS OF THE ESSENCE, NO EXCEPTIONS TO ANY ELEMENT OF THE SOLICITATION DOCUMENTS INCLUDING BUT NOT LIMITED TO THE RFP, DCP, DRAWINGS, CONSTRUCTION TIME FRAME, SAMPLE AGREEMENT, GENERAL TERMS AND CONDITIONS, ETC. SHALL BE CONSIDERED.

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, that in no event shall the City's liability for respondent's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

Andy Mayer

Name (printed)

02/17/21

Date:



Signature

President

Title:

NON-COLLUSION STATEMENT:

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3.


3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

<u>NAME</u>	<u>RELATIONSHIPS</u>
Murphy Pipeline Contractors, LLC	None

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.


Authorized Signature

Andy Mayer
Name (Printed)

President
Title

02/17/21
Date

CONTRACT PAYMENT METHOD

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to credit card payments via MasterCard or Visa as part of this program.

This allows you as a vendor of the City of Fort Lauderdale to receive your payments fast and safely. No more waiting for checks to be printed and mailed.

In accordance with the contract, payments on this contract will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, bidders must presently have the ability to accept these credit cards or take whatever steps necessary to implement acceptance of a card before the start of the contract term, or contract award by the City.

All costs associated with the Contractor's participation in this purchasing program shall be borne by the Contractor. The City reserves the right to revise this program as necessary.

By signing below you agree with these terms.

Please indicate which credit card payment you prefer:

☐ MasterCard

☒ Visa

Murphy Pipeline Contractors, LLC
Company Name

Andy Mayer
Name (Printed)

02/17/21
Date

Signature



President
Title



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

01/20/2021

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

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

PRODUCER Alliant Insurance Services Houston, LLC 5444 Westheimer, Suite 900 Houston, TX 77056	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">CONTACT NAME: Brett Sauer</td> </tr> <tr> <td>PHONE (A/C, No, Ext): 602-707-1931</td> <td>FAX (A/C, No): 602-707-1932</td> </tr> <tr> <td colspan="2">E-MAIL ADDRESS: Brett.Sauer@alliant.com</td> </tr> <tr> <td colspan="2" style="text-align: center;">INSURER(S) AFFORDING COVERAGE</td> </tr> <tr> <td>INSURER A: Greenwich Insurance Company</td> <td>NAIC # 22322</td> </tr> <tr> <td>INSURER B: Starr Indemnity & Liability Company</td> <td>NAIC # 38318</td> </tr> <tr> <td>INSURER C: XL Specialty Insurance Company</td> <td>NAIC # 37885</td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </table>	CONTACT NAME: Brett Sauer		PHONE (A/C, No, Ext): 602-707-1931	FAX (A/C, No): 602-707-1932	E-MAIL ADDRESS: Brett.Sauer@alliant.com		INSURER(S) AFFORDING COVERAGE		INSURER A: Greenwich Insurance Company	NAIC # 22322	INSURER B: Starr Indemnity & Liability Company	NAIC # 38318	INSURER C: XL Specialty Insurance Company	NAIC # 37885	INSURER D:		INSURER E:		INSURER F:	
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INSURER D:																					
INSURER E:																					
INSURER F:																					
INSURED Murphy Pipeline Contractors, LLC 12235 New Berlin Road Jacksonville, FL 32226																					

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

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR VWD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY			CGD740922007	04/01/2020	04/01/2021	EACH OCCURRENCE \$ 1,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000
							MED EXP (Any one person) \$ 10,000
							PERSONAL & ADV INJURY \$ 1,000,000
	GENL AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE \$ 2,000,000
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC						PRODUCTS-COMP/OP AGG \$ 2,000,000
	OTHER:						\$
A	AUTOMOBILE LIABILITY			CAD740922107	04/01/2020	04/01/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> OWNED AUTOS ONLY						BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS ONLY						PROPERTY DAMAGE (Per accident) \$
	<input type="checkbox"/> SCHEDULED AUTOS						\$
	<input type="checkbox"/> NON-OWNED AUTOS						\$
B	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR			1000585633201	04/01/2020	04/01/2021	EACH OCCURRENCE \$ 4,000,000
	<input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE						AGGREGATE \$ 4,000,000
	DED <input type="checkbox"/> RETENTION \$						\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			CWD740921907	04/01/2020	04/01/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N						E.L. EACH ACCIDENT \$ 1,000,000
	(Mandatory in NH)						E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Murphy Pipeline Contractors, LLC added to the program effective 09/30/2020.

CERTIFICATE HOLDER**CANCELLATION**

Murphy Pipeline Contractors, LLC
12235 New Berlin Road
Jacksonville, FL 32226

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

AUTHORIZED REPRESENTATIVE

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ACORD 25 (2016/03)

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**CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH
NON-DISCRIMINATION PROVISIONS OF THE CONTRACT**

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to City Ordinance Sec. 2-187(c), bidders must certify compliance with the Non-Discrimination provision of the ordinance.

The Contractor shall not, in any of his/her/its activities, including employment, discriminate against any individual on the basis of race, color, national origin, religion, creed, sex, disability, sexual orientation, gender, gender identity, gender expression, or marital status.

1. The Contractor certifies and represents that he/she/it will comply with Section 2-187, Code of Ordinances of the City of Fort Lauderdale, Florida, as amended by Ordinance C-18-33 (collectively, "Section 2-187").
2. The failure of the Contractor to comply with Section 2-187 shall be deemed to be a material breach of this Agreement, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.
3. The City may terminate this Agreement if the Contractor fails to comply with Section 2-187.
4. The City may retain all monies due or to become due until the Contractor complies with Section 2-187.
5. The Contractor may be subject to debarment or suspension proceedings. Such proceedings will be consistent with the procedures in section 2-183 of the Code of Ordinances of the City of Fort Lauderdale, Florida.


Authorized Signature

Andy Mayer, President
Print Name and Title

02/17/21
Date

TRENCH SAFETY

Bidder acknowledges that included in the appropriate bid items of his bid and in the Total Bid Price are costs for complying with the Florida Trench Safety Act, Florida Statutes 553.60 – 553.64. The bidder further identifies the costs of such compliance to be summarized below:

Trench Safety Measure (Description)	Units of Measure (LF/SF)	Unit (Quantity)	Unit Cost	Extended Cost
A. Trench Box	400	LF	\$ 5.00	\$ 2,000.00
B.			\$	\$
C.			\$	\$
D.			\$	\$

Total: \$ 2,000.00

The bidder certifies that all trench excavation done within his control in excess of five feet (5') in depth shall be in accordance with the Occupational Safety and Health Administration's excavation safety standards, C.F.R. s. 1926.650 Subpart P., and the Florida Trench Safety Act, Florida Statutes 553.60-553.64.

Failure to complete the above may result in the bid being declared non-responsive.

DATE: 02/17/21

(SIGNATURE)

STATE OF: Florida

COUNTY OF: Broward

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

(Name of Individual Signing)

on this 17th day of February 2021, Andy Mayer who, after first being duly sworn by me, affixed his/her signature in the space provided above



NOTARY PUBLIC

My Commission Expires:

CITY OF FORT LAUDERDALE
PUBLIC WORKS DEPARTMENT

MINORITY BUSINESS ENTERPRISE (MBE) - WOMEN BUSINESS ENTERPRISE (WBE)

PRIME CONTRACTOR IDENTIFICATION FORM

In order to assist us in identifying the status of those companies doing business with the City of Fort Lauderdale, this form must be completed and returned with your bid package.

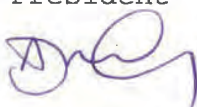
Name of Firm: Murphy Pipeline Contractors LLC

Address of Firm: 5400 S. University Drive, #301, Davie, FL

Telephone Number: 954-842-4771

Name of Person Completing Form: Andy Mayer

Title: President

Signature: 

Date: 02/17/21

City Project Number: P12567

City Project Description: RFP 12470-416

Please check the item(s) which properly identify the status of your firm:

- ☒ Our firm is not a MBE or WBE.
- ☐ Our firm is a MBE, as at least 51 percent is owned and operated by one or more socially and economically disadvantaged individuals.
- ☐ American Indian ☐ Asian ☐ Black ☐ Hispanic
- ☐ Our firm is a WBE, as at least 51 percent is owned and operated by one or more women.
- ☐ American Indian ☐ Asian ☐ Black ☐ Hispanic

MBE/WBE CONTRACTOR INFORMATION

The City, in a continuing effort, is encouraging the increased participation of minority and women-owned businesses in Public Works Department related contracts. Along those lines, we are requiring that each firm provide documentation detailing their own programs for utilizing minority and women-owned businesses.

Submit this information as a part of this bid package and refer to the checklist, to ensure that all areas of concern are covered. The low responsive bidder may be contacted to schedule a meeting to discuss these objectives. It is our intention to proceed as quickly as possible with this project, so your cooperation in this matter is appreciated.

CONTRACTOR CHECKLIST

☒ List Previous City of Fort Lauderdale Contracts

Project No. P12319, P10850, P11901
P12391, P12390, P12566, P12180

☒ Number of Employees in your firm 85

--Percent (3.4 %) Women

--Percent (65 %) Minorities

--Job Classifications of Women and Minorities

Managers, Administrative, Operators, Laborers

☐ Use of minority and/or women subcontractors on past projects.

We have used minorities and / or women owned subcontractors on the majority of our projects such as our paving and concrete subcontractors.

☒ Nature of the work subcontracted to minority and/or women-owned firms.

Asphalt, Trucking, DOT Base Material, Concrete

☒ How are subcontractors notified of available opportunities with your firm?

Emails, phone calls, sometimes advertisements

☒ Anticipated amount to be subcontracted on this project.

To be determined.



Anticipated amount to be subcontracted to minority and/or women-owned businesses on this project.

This is an unknown at this time since schedule will dictate selection of paving, trucking, concrete and landscape subcontractors.

RFP NO. 12470-416 / PROJECT NO. 12567 SPECIFIC REFERENCES FORM

The DBF shall have previous experience in the design, permitting, construction aspects of Pump Station Redundant Force Main work and shall have previous construction experience in underground water and wastewater piping installation as described in this RFP, in the State of Florida within the last ten (10) years. DBF shall submit project experience for a minimum of three (3) projects of similar scope and scale (or larger) and shall, for each project listed, identify location; dates of construction; project name and overall scope; scope of work that was self-performed by Contractor; and client's name, address, telephone number and e-mail address. **DBF's are expected to provide information on each project by including these forms in their bid submittals.** If these forms are not utilized, the DBF's must provide identical information to the City for evaluation purposes.

Note: Do not include proposed team members or parent/subsidiary companies as references in your submittals.

A. PRIME BIDDER'S NAME: Murphy Pipeline Contractors LLC

CLIENT NO.1 - Name of firm to be contacted: City of Sunrise

Address: 777 Sawgrass Corporate Parkway, Sunrise, FL 33325

Contact Person: Tim Welch

Phone No: (954) 888-6000

Contact E-Mail Address: utilitiesdirector@sunrisefl.gov

Project Performance Period: 2018 Dates should be in mm/yy format to 2018

Project Name: Escape and Valencia Water Main Improvement Project

Location of Project: Sunrise, FL

Overall Construction Cost: \$4,609,442.72

Description of the overall scope: The Escape and Valencia Water Main

Improvement project replaces the community water systems,

additional water valves and additional fire hydrants.

Description of work that was self-performed by Bidder:

MPC self performed the pipe bursting of 31,650 LF of 4-inch,

6-inch, and 8-inch water main with approximately 725 water

services within Escape / Valencia neighborhood.

BID NO. 12470-416 / PROJECT NO. 12567 SPECIFIC REFERENCES FORMCLIENT NO.2 - Name of firm to be contacted: City of Boynton BeachAddress: 124 East Woolbright Road, Boynton Beach, FL 33435Contact Person: Joseph Paterniti, P.E.Phone No: (561) 742-6423Contact E-Mail Address: paternitij@bbfl.usProject Performance Period: 2018 to 2020
Dates should be in mm/yy formatProject Name : Central Seacrest Corridor Drainage Improvement & WM ReplacementLocation of Project: Central Seacrest NeighborhoodOverall Construction Cost: \$4,513,511.80Description of the overall scope: The improvements consisted of water main
replacement, backyard water meters to front yards, storm water
system upgrades, pavement overlay, swales, driveway aprons,
sidewalks, and force main.

Description of work that was self-performed by Bidder:

MPC self performed the pipe bursting and HDD of LF of water main
including water services transfers to the front yards.

BID NO. 12470-416 / PROJECT NO. 12567 SPECIFIC REFERENCES FORMCLIENT NO.3 - Name of firm to be contacted: City of Wilton ManorsAddress: 2020 Wilton Drive, Wilton Manors, FL 33305Contact Person: David J. ArchackiPhone No: (954) 390-2129Contact E-Mail Address: darchacki@wiltonmanors.comProject Performance Period: 2018 to 2018
Dates should be in mm/yy formatProject Name: Wilton Drive Water Main ImprovementsLocation of Project: Wilton Drive between NE 26 and 21st Street; and, NE 21 Street
between Wilton Drive and NE 3rd AvenueOverall Construction Cost: \$903,500.00

Description of the overall scope: Project consisted of the water main replacement
of approximately 4,800 LF of 8-inch water main including 15
interconnections of existing fire hydrants, 8 new fire hydrants
26 water services and approximately 2,500 SY of permanent patch
restoration. We performed 3 HDD for crossing Wilton Manors Drive.

Description of work that was self-performed by Bidder:

MPC self performed the pipe bursting, interconnections, fire
hydrants, and water services. Additionally, MPC performed the
restoration of the road.

E-VERIFY AFFIRMATION STATEMENT

RFP/Bid /Contract No: RFP 12470-416 / Project P12567

Re-Bid Design Build Pump Station

B-4 Redundant Force Main P12567

Project Description:

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

- (a) all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,
- (b) all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: Murphy Pipeline Contractors LLC

Authorized Company Person's Signature:



Authorized Company Person's Title: Andy Mayer, President

Date: 02/17/21

9/15/2020



City of Fort Lauderdale • Procurement Services Division
100 N. Andrews Avenue, 619 • Fort Lauderdale, Florida 33301
954-828-5933 Fax 954-828-5576
purchase@fortlauderdale.gov

ADDENDUM NO. 1

RFP No. 12470-416

TITLE: RE-BID Design Build pump Station B-4 Redundant Force Main

ISSUED: February 9, 2021

This addendum is being issued to make the following change(s):

1. Section 4, Submittal Requirements, 4.2.2 *Qualifications of the Firm*,

Business Structure

CHANGE FROM:

Corporations, Joint Ventures, LLC or Partnerships – submit a copy indicating when the corporation was organized as a legal entity in the State of Florida, corporation number. ~~Shall be a minimum of ten (10) years to do business in the State of Florida.~~

CHANGE TO:

Corporations, Joint Ventures, LLC or Partnerships – submit a copy indicating when the corporation was organized as a legal entity in the State of Florida, corporation number.

All other terms, conditions, and specifications remain unchanged.

Penelope Burger,
Procurement Administrator

Company Name: Murphy Pipeline Contractor, LLC
(please print)

Bidder's Signature: _____

Date: 02/09/21

Document A310™ – 2010

Conforms with The American Institute of Architects AIA Document 310

Bid Bond**CONTRACTOR:***(Name, legal status and address)*

Murphy Pipeline Contractors, LLC
 12235 New Berlin Rd
 Jacksonville, FL 32226

SURETY:*(Name, legal status and principal place of business)*

Everest Reinsurance Company
 P.O. Box 830
 Liberty Corner, NJ 07938-0830
Mailing Address for Notices

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

OWNER:*(Name, legal status and address)*

City of Fort Lauderdale
 100 North Andrews Avenue
 Fort Lauderdale, FL 33301

BOND AMOUNT: 5% Five Percent of Amount Bid

PROJECT:*(Name, location or address, and Project number, if any)*

RFP 12445-916 Design Build Pump Station B-4 Force Main - P12567

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 10th day of February, 2021.


 (Witness)

Murphy Pipeline Contractors, LLC

*(Principal)**(Seal)*By: *(Title)*

Everest Reinsurance Company

*(Surety)**(Seal)*By: *(Title)* Jessica L. Piccirillo, Attorney-in-Fact


 (Witness) Jody A. Piccirillo



S-0054/AS 8/10



**POWER OF ATTORNEY
EVEREST REINSURANCE COMPANY
DELAWARE**

KNOW ALL PERSONS BY THESE PRESENTS: That Everest Reinsurance Company, a corporation of the State of Delaware ("Company") having its principal office located at 477 Martinsville Road, Liberty Corner, New Jersey 07938, do hereby nominate, constitute, and appoint: **Jessica L. Piccirillo**

its true and lawful Attorney-in-fact to make, execute, attest, seal and deliver for and on its behalf, as surety, and as its act and deed, where required, any and all bonds and undertakings in the nature thereof, for the penal sum of no one of which is in any event to exceed UNLIMITED, reserving for itself the full power of substitution and revocation.

Bond No.: Bid Bond

Principal: Murphy Pipeline Contractors, LLC

Obligee: City of Fort Lauderdale

Such bonds and undertakings, when duly executed by the aforesaid Attorney-in-fact shall be binding upon the Company as fully and to the same extent as if such bonds and undertakings were signed by the President and Secretary of the Company and sealed with its corporate seal.

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Board of Directors of Company ("Board") on the 28th day of July 2016:

RESOLVED, that the President, any Executive Vice President, and any Senior Vice President and Anthony Romano are hereby appointed by the Board as authorized to make, execute, seal and deliver for and on behalf of the Company, any and all bonds, undertakings, contracts or obligations in surety or co-surety with others and that the Secretary or any Assistant Secretary of the Company be and that each of them hereby is authorized to attest to the execution of any such bonds, undertakings, contracts or obligations in surety or co-surety and attach thereto the corporate seal of the Company.

RESOLVED, FURTHER, that the President, any Executive Vice President, and any Senior Vice President and Anthony Romano are hereby authorized to execute powers of attorney qualifying the attorney named in the given power of attorney to execute, on behalf of the Company, bonds and undertakings in surety or co-surety with others, and that the Secretary or any Assistant Secretary of the Company be, and that each of them is hereby authorized to attest the execution of any such power of attorney, and to attach thereto the corporate seal of the Company.

RESOLVED, FURTHER, that the signature of such officers named in the preceding resolutions and the corporate seal of the Company may be affixed to such powers of attorney or to any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be thereafter valid and binding upon the Company with respect to any bond, undertaking, contract or obligation in surety or co-surety with others to which it is attached.

IN WITNESS WHEREOF, Everest Reinsurance Company has caused their corporate seals to be affixed hereto, and these presents to be signed by their duly authorized officers this 28th day of July 2016.



Everest Reinsurance Company

Attest: Nicole Chase, Assistant Secretary

By: Anthony Romano, Vice President

On this 28th day of July 2016, before me personally came Anthony Romano, known to me, who, being duly sworn, did execute the above instrument; that he knows the seal of said Company; that the seal affixed to the aforesaid instrument is such corporate seal and was affixed thereto; and that he executed said instrument by like order.

LINDA ROBINS
Notary Public, State of New York
No 01R06239736
Qualified in Queens County
Term Expires April 25, 2023

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company, at the Liberty Corner, this 10th day of February 2021.

ES 00 01 04 16

**Bond Number: SFL21205232****Contractor Information****Principal:** Murphy Pipeline Contractors, Inc.**Address:** 12235 New Berlin Rd Jacksonville Florida 32226 United States**Owner/Obligee Information****Bond Form:** Bid Bond in accordance with Contract Specifications**Owner/Obligee:** City of Fort Lauderdale**Address:** 100 North Andrews Ave Fort Lauderdale Florida 33301 United States**Bond Information****Surety:** Everest Reinsurance Company**Bid Date:** 2/19/2021**Estimated Contract Price:** 3000000**Time For Completion:****Liquidated Damages:****Estimated Work On Hand:****Amount of Bid Security:** 5**Contract # or IFB #:** P12567**Description of Job:** RFP 12445-916 Design Build Pump Station B-4 Force Main**Job Breakdown:****Electronic Bidding Information****Bid Security Percentage:** 5**Bid Security Maximum:****Owner Assigned Contractor Number:**59-3688714**Primary Agency:**

Alliant Insurance Services, Inc.

Power of Attorney Limited to: Unlimited

Executed**Entered By:** Jessica L. Piccirillo - 2/10/2021 11:09:57 AM ET**Approved & Executed By:***Jessica L. Piccirillo*

Jessica L. Piccirillo (Signed: 10-Feb-2021 11:10 AM EST (UTC-05:00))

[Signature Information](#)

Know all men by these presents that Everest Reinsurance Company, a Corporation duly organized under the laws of the State of Delaware, are held and firmly bound unto the

above owner/obligee by this transmission. The surety agrees to waive the Statute of Fraud defense and further agrees that the owner/obligee is a third party beneficiary of the waiver for the purposes of enforcing this bid bond.

© S2000, Inc.

Document ID: [S2000-1001087565](#)



Corporate Office

12235 New Berlin Road
Jacksonville FL 32226
+1 (904) 764-6887

Regional Offices

South Florida Office

5400 S. University Drive Ste #301
Davie, Florida, 33328
Telephone: +1 (954) 842-4771
Mobile : +1 (305) 776-8181

Feasibility Support Office

P.O. Box 14366 Milwaukee WI 53214
Telephone: +1 (414) 321-2247
Mobile: +1 (414) 687-2145



Corporate Office

Fort Lauderdale
500 West Cypress Creek Road, Suite 630
Fort Lauderdale, FL 33309
Telephone: +1 (954) 730-0707

Regional Offices

Miami

2103 Coral Way, Suite 401
Miami, FL 33145
Telephone: +1 (786) 497-1500

West Palm Beach

500 Australian Ave. South, Suite 850
West Palm Beach, FL 33401
Telephone: +1 (561) 746-6900

Orlando (Maitland)

341 North Maitland Ave., Suite 346
Maitland, FL 32751
Telephone: +1 (407) 536-7970

Project Offices

Gainesville

2233 Northwest 41st Street, Suite 400
Gainesville, FL 32606
Telephone: +1 (352) 374-1997

Tampa

401 East Jackson Street, Suite 2340
(SunTrust Financial Center)
Tampa, FL 33602
Telephone: +1 (813) 345-5965

Jacksonville

9424 Baymeadows Road, Suite 250
Jacksonville, FL 32256
Telephone: +1 (904) 712-1002

Sarasota

2520 North Tamiami Trail, Suite 15
Nokomis, FL 34275
Telephone: +1 (941) 529-1907

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.

"Sub-contractor" - 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 ensure 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 - SUB-CONTRACTOR - 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 Sub-contractors. No Work shall be done by any Sub-contractor until such Subcontractor has been officially approved by the Public Works Director. A sub-contractor 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 Sub-contractors and the Sub-contractor 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 sub-contractor, 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 Sub-contractors 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 sub-contractor 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 sub-contractor 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 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, conflictions, or discrepancies shall not relieve the Contractor of full responsibility for unsatisfactory Work, faulty construction, or improper operation resulting therefrom nor from rectifying such condition at its 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 a 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 bodily injury and property damage insurance in amounts satisfactory to the Florida East Coast Company. This insurance requirement shall be verified by the contractor with the Florida East Coast Company prior to commencing work, and maintained during the life of the Contract.

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, 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 its 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 its Work and dispose of his materials so as to not interfere with the operation of other contractors engaged upon adjacent work and to join its Work to that of others in a proper manner and to perform its 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 it or its 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 - As to any contract for goods or services of \$1 million or more and as to the renewal of any contract for goods or services of \$1 million or more, 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, and that it does not have business operations in Cuba or Syria, as provided in section 287.135, Florida Statutes (2019), as may be amended or revised. As to any contract for goods or services of any amount and as to the renewal of any contract for goods or services of any amount, the Contractor certifies that it is not on the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2019), and that it is not engaged in a boycott of Israel. 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 (2019), 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 (2019), 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 (2019), 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 agents, against any loss or damages incurred by any person or entity as a result of the City's treatment of records as public records. In addition, the proposer agrees to defend, indemnify, and hold harmless the City and the City's officers, employees, and agents, against any loss or damages incurred by any person or entity as a result of the City's treatment of records as exempt from disclosure or confidential. Proposals purporting to be subject to copyright protection in full or in part will be rejected. The proposer authorizes the City to publish, copy, and reproduce any and all documents submitted to the City bearing copyright symbols or otherwise purporting to be subject to copyright protection.

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, Florida 33301-1016

E-mail: **prcontract@fortlauderdale.gov**

Contractor shall:

1. Keep and maintain public records 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 (2019), 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.

Rev. 5/8/2020

NON-COLLUSION STATEMENT:

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

<u>NAME</u>	<u>RELATIONSHIPS</u>
Murphy Pipeline Contractors LLC	None

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.

Andy Mayer Authorized Signature	President Title
Andy Mayer Name (Printed)	02/17/21 Date

CONTRACT PAYMENT METHOD

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to credit card payments via MasterCard or Visa as part of this program.

This allows you as a vendor of the City of Fort Lauderdale to receive your payments fast and safely. No more waiting for checks to be printed and mailed.

In accordance with the contract, payments on this contract will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, bidders must presently have the ability to accept these credit cards or take whatever steps necessary to implement acceptance of a card before the start of the contract term, or contract award by the City.

All costs associated with the Contractor's participation in this purchasing program shall be borne by the Contractor. The City reserves the right to revise this program as necessary.

By signing below you agree with these terms.

Please indicate which credit card payment you prefer:

☐ MasterCard

☒ Visa

MurphyMurphy Pipeline Contractors LLC

Company Name

Andy Mayer

Name (Printed)

02/17/21

Date

Andy Mayer

Signature

President

Title

**CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH
NON-DISCRIMINATION PROVISIONS OF THE CONTRACT**

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to City Ordinance Sec. 2-187(c), bidders must certify compliance with the Non-Discrimination provision of the ordinance.

The Contractor shall not, in any of his/her/its activities, including employment, discriminate against any individual on the basis of race, color, national origin, religion, creed, sex, disability, sexual orientation, gender, gender identity, gender expression, or marital status.

1. The Contractor certifies and represents that he/she/it will comply with Section 2-187, Code of Ordinances of the City of Fort Lauderdale, Florida, as amended by Ordinance C-18-33 (collectively, "Section 2-187").
2. The failure of the Contractor to comply with Section 2-187 shall be deemed to be a material breach of this Agreement, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.
3. The City may terminate this Agreement if the Contractor fails to comply with Section 2-187.
4. The City may retain all monies due or to become due until the Contractor complies with Section 2-187.
5. The Contractor may be subject to debarment or suspension proceedings. Such proceedings will be consistent with the procedures in section 2-183 of the Code of Ordinances of the City of Fort Lauderdale, Florida.

Andy Mayer
Authorized Signature

Andy Mayer, President
Print Name and Title

02/17/21
Date

TRENCH SAFETY

Bidder acknowledges that included in the appropriate bid items of his bid and in the Total Bid Price are costs for complying with the Florida Trench Safety Act, Florida Statutes 553.60 – 553.64. The bidder further identifies the costs of such compliance to be summarized below:

Trench Safety Measure (Description)	Units of Measure (LF/SF)	Unit (Quantity)	Unit Cost	Extended Cost
A. Trench Boxes	LF	400	\$5.00	\$2,000.00
B.			\$	\$
C.			\$	\$
D.			\$	\$

Total: **\$2,000.00**

The bidder certifies that all trench excavation done within his control in excess of five feet (5') in depth shall be in accordance with the Occupational Safety and Health Administration's excavation safety standards, C.F.R. s. 1926.650 Subpart P., and the Florida Trench Safety Act, Florida Statutes 553.60-553.64.

Failure to complete the above may result in the bid being declared non-responsive.

DATE: **02/17/21**

Andy Mayer
(SIGNATURE)

STATE OF: **Florida**COUNTY OF: **Broward**

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Andy Mayer
(Name of Individual Signing)

Andy Mayerwho, after first being duly sworn by me,
Andy Mayeraffixed his/her signature in the space provided above on this **17th**day of **February** , 20**2021**.

Victor Garcia-Menocal GG343681
NOTARY PUBLIC

My Commission Expires: **06/11/2023**

CITY OF FORT LAUDERDALE
PUBLIC WORKS DEPARTMENT

MINORITY BUSINESS ENTERPRISE (MBE) - WOMEN BUSINESS ENTERPRISE (WBE)

PRIME CONTRACTOR IDENTIFICATION FORM

In order to assist us in identifying the status of those companies doing business with the City of Fort Lauderdale, this form must be completed and returned with your bid package.

Name of Firm: **Murphy Pipeline Contractors, LLC**

Address of Firm: **5400 S. University Drive**

Telephone Number: **9548424771**

Name of Person Completing Form: **Andy Mayer**

Title: **President**

Signature: **Andy Mayer**

Date: **02/17/21**

City Project Number: **P12567**

City Project Description: **RFP12470-416**

Please check the item(s) which properly identify the status of your firm:

- ☒ Our firm is not a MBE or WBE.
- ☐ Our firm is a MBE, as at least 51 percent is owned and operated by one or more socially and economically disadvantaged individuals.
- ☐ American Indian ☐ Asian ☐ Black ☐ Hispanic
- ☐ Our firm is a WBE, as at least 51 percent is owned and operated by one or more women.
- ☐ American Indian ☐ Asian ☐ Black ☐ Hispanic

MBE/WBE CONTRACTOR INFORMATION

The City, in a continuing effort, is encouraging the increased participation of minority and women-owned businesses in Public Works Department related contracts. Along those lines, we are requiring that each firm provide documentation detailing their own programs for utilizing minority and women-owned businesses.

Submit this information as a part of this bid package and refer to the checklist, to ensure that all areas of concern are covered. The low responsive bidder may be contacted to schedule a meeting to discuss these objectives. It is our intention to proceed as quickly as possible with this project, so your cooperation in this matter is appreciated.

CONTRACTOR CHECKLIST

☒ List Previous City of Fort Lauderdale Contracts
Project No. P12319, P10850, P11901, P12391, P12390, P12566, P12180

☒ Number of Employees in your firm **85.00**
 --Percent (**3.4%**) Women
 --Percent (**65%**) Minorities
 --Job Classifications of Women and Minorities
Managers, Administrative, Operators, Laborers

☒ Use of minority and/or women subcontractors on past projects.
We have used minorities and / or women owned subcontractors on the majority of our projects such as our paving and concrete subcontractors.

☒ Nature of the work subcontracted to minority and/or women-owned firms.
Asphalt, Trucking, DOT Base Material, Concrete

☒ How are subcontractors notified of available opportunities with your firm?
Emails, Phone Calls, Sometimes advertisements

☒ Anticipated amount to be subcontracted on this project.
To be determined.

☒ Anticipated amount to be subcontracted to minority and/or women-owned businesses on this project.
This is an unknown at this time since schedule will dictate selection of paving, trucking, concrete and landscape subcontractors.

E-VERIFY AFFIRMATION STATEMENT

RFP/Bid /Contract No: **RFP 12470-416 / Project P12567**

Project Description: **Re-Bid Design Build Pump Station B-4 Redundant Force Main P12567**

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

- (a) all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,
- (b) all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: **Murphy Pipeline Contractors LLC**

Authorized Company Person's Signature: **Andy Mayer**

Authorized Company Person's Title: **President**

Date: **02/17/21**

9/15/2020