

UTILITY PERMIT

PERMIT NO: 2022-H-496-00177

STATE ROAD INFORMATION

County: Palm Beach	Section: 93060000	State Road No: SR A1A	Beginning Mile Post: 5.762	Ending Mile Post: 5.762
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APPLICANT INFORMATION

The Utility Agency Owner (UAO) shall be identified in this Applicant Information Box. When the UAO is a City or County and desires to have the Utility Builder make a joint permit applicant, as prescribed in Section 2.1(4) of the 2017 Utility Accommodation Manual (UAM), the Utility Builder shall also be identified in this Applicant Information Box. A Utility Builder alone cannot apply for a utility permit without the City or County adding them as a joint applicant.

<u>Utility Agency/Owner (UAO)</u>		<u>Utility Builder (only applicable when the UAO is a City or County)</u>	
Name:	<u>AT&T Florida (South Broward)</u>	Name:	<u>AT&T</u>
Contact Person:	<u>AT&T Florida (South Broward)</u>	Contact Person:	
Address:	<u>South Broward</u>	Address:	<u>400 SW 2nd Ave</u>
City:	<u>Broward</u>	City:	<u>Gainesville</u>
State:	<u>Florida</u>	State:	<u>Florida</u>
Zip:	<u>33310</u>	Zip:	<u>32601</u>
Telephone:	<u>9544236305</u>	Telephone:	
Email:	<u>pv8321@att.com</u>	Email:	

WORK DESCRIPTION

The Applicant(s) requests permission from the Florida Department of Transportation (FDOT) to construct, operate, and maintain the utilities as described below and as depicted in the incorporated documentation.

1.PLACE APPROXIMATELY 4833' OF 1-4"HDPE CONDUIT VIA DBORE, 2.PLACE (24) 17"x30"x24" HANDHOLE., 3.PLACE (3) 30"x48"x36" HANDHOLE.

Utility Work No:

Additional sheets are attached and are incorporated into this permit Yes ☒ No ☐

For FDEP certification, the FDOT agency report is attached in accordance with UAM Section 2.4.1 (13) Yes ☐ No ☒

TRAFFIC CONTROL (TCP)

- ☒ The TCP will comply with the following 600 series index(es) 602
- ☐ A TCP has been attached and incorporated into this permit application in compliance with UAM Section 2.4.2.

MOT Technician's contact information (may be supplied at the two (2) business day notification to FDOT):

Name: TANIA CONTRERAS Telephone (954) 826-5728 ext. _____ Email: TC3655@ATT.COM

COMMENCEMENT OF WORK

The UAO and/or Utility Builder shall commence actual construction in good faith within sixty (60) calendar days after approval of the permit application. If the beginning date is more than sixty (60) calendar days from the date of approval, the UAO and/or Utility Builder must review the permit with the FDOT Approving Engineer listed to make sure no changes have occurred to the transportation facility that would affect the permit's continued approval. The UAO and/or Utility Builder shall make good faith efforts to expedite the work and complete the work within the calendar days indicated.

Anticipated Start Date: 7/11/2022

Calendar days needed to completed: 25

Approved
2022-H-496-00177
Eugene Kissner
4/6/2022

UTILITY PERMIT

PERMIT NO: 2022-H-496-00177

APPLICANT SIGNATURE

By the below signature(s) the UAO and/or Utility Builder agree(s) to construct, operate, and maintain the work as noted in the above Work Description, shown in plans and incorporated documents, in compliance with the UAM, all instructions noted in the FDOT Special Instructions Box, and special instructions incorporated into this permit. The UAO and/or Utility Builder declares, the location of all existing utilities that it owns or has an interest in, both aerial and underground, are accurately shown on the plans of the work areas. In accordance with UAM Section 2.8, the UAO and/or Utility Builder further declares that a letter of notification was delivered to the owners of other facilities within the work areas and that those listed below are the only facility owners known to be involved or potentially impacted by the proposed work.

Date Notified: _____ Name of other facility owners (attach additional sheets if necessary). _____

Utility Agency/Owner

Utility Builder (when applicable)

Signature: PHIL VECCHIO (digital signature) Date: 3/24/2022

Signature: _____ Date: _____

Name (printed): PHIL VECCHIO

Name (printed): _____

Title: _____

Title: _____

FDOT PROJECT INFORMATION

Pursuant to UAM Section 2.1(10), the utility work is within FDOT projects listed below and must have a Utility Work Schedule for each project approved prior to commencement of work within the FDOT project limits:

There are NO FDOT constructions (proposed or underway).

This work is NOT related to an approved utility work Schedule.

FDOT SPECIAL INSTRUCTIONS

In accordance with UAM Section 2.7, FDOT incorporates the below and attached special instructions into this permit.

SEE ATTACHMENT 'A'

Additional FDOT Special Instructions are attached and incorporated into this permit. Yes ☒ No ☐

PERMIT APPROVAL

By signature below, FDOT gives permission to the UAO and /or Utility Builder to construct, operate, and maintain the utilities indicated in this Utility Permit in compliance with the UAM, all incorporated documents, and special instructions. Any changes to the approved work must be approved by the FDOT's Approving Engineer and attached and incorporated into this permit in accordance with UAM Section 2.11.

Approving Engineer: Eugene Kissner (digital signature) Date: 4/6/2022

Name: Eugene Kissner

Title: PERMITS COORDINATOR I

Notification of Utility Work to be provided to: _____ Telephone (786) 314-6067 ext. _____ or Email: pdonovan@louisberger.com

An FDOT Representative is required to be present on the worksite prior to commencement of work. Yes ☒ No ☐

Rep. Name: Paul Donovan Telephone 7863146067 Email: pdonovan@louisberger.com

2022-H-496-00177
Eugene Kissner
4/6/2022

Florida Department of Transportation
UTILITY PERMIT

December 14, 2016

PERMIT NO: 2022-H-496-00177

CERTIFICATION

I, the undersigned UAO and/or Utility Builder, hereby CERTIFY that the utilities were constructed and inspected in compliance with the UAM all incorporated documents, and special instructions. Pursuant to UAM Section 2.11, all changes have been approved by the FDOT's Approving Engineer and incorporated into this permit along with all other material certifications, test results, bore logs, approved plans changes, as-built plans or other required documentation.

I also CERTIFY that work began on _____ and was completed on _____ and that the area was left in as good or better condition than when the work began.

Utility Agency/Owner

Utility Builder (when applicable)

Signature: _____ Date _____

Signature: _____ Date _____

Name (printed): _____

Name (printed): _____

Title: _____

Title: _____

FINAL INSPECTION OF WORK

☐ The work was inspected and found to be in non-compliance as noted below:

☐ All issues of non-compliance listed above have been brought into compliance and/or FDOT has no outstanding issues that need to be addressed by the UAO and/or Utility Builder. However, this final inspection does not release the UAO and/or Utility Builder of their continuing responsibilities pursuant to Rule 14-46.001, the UAM, all incorporated documents, and special instructions.

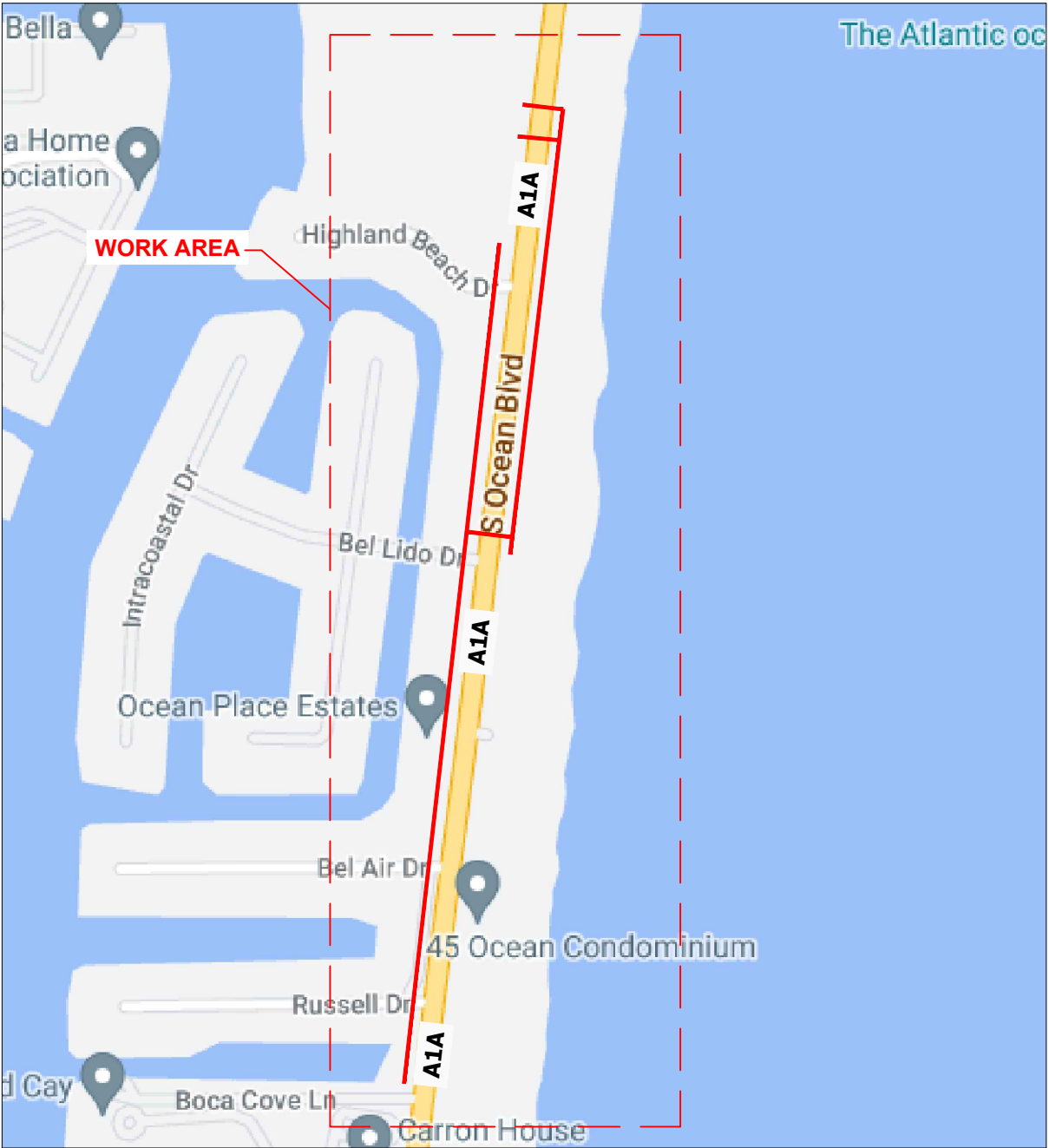
FDOT Inspector: _____ Date: _____

Name: _____

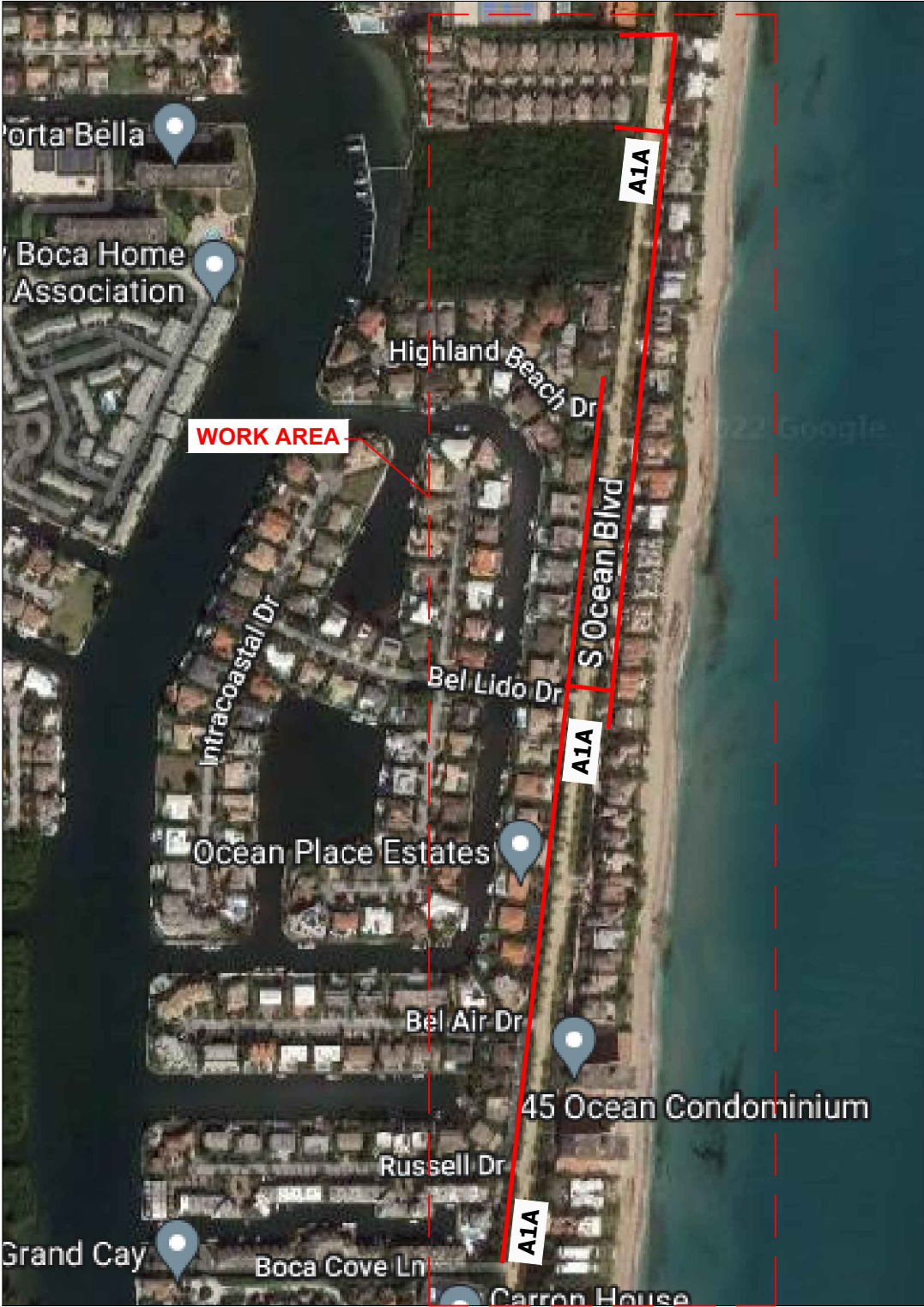
Title: _____

Approved
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Eugene Kissner
4/6/2022

FOOTAGE & QUANTITIES		
DESCRIPTION	QUANTITY	UNIT
BORE	4992	LF
UNDER PAVED ROADWAY	250	LF
HANDHOLES	27	EA
TOTAL FOOTAGE	5242	LF



LOCATION MAP
N.T.S.



VICINITY MAP
N.T.S.

CALL BEFORE YOU DIG



IT IS CONTRACTORS RESPONSIBILITY TO CONTACT UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION AS THE LOCATION OF UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE AND POSSIBLY INCOMPLETE. THEREFORE CERTIFICATION TO THE LOCATION OF ALL UNDERGROUND UTILITIES IS WITHHELD.

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- 2.PLACE (24) 17"x30"x24" HANDHOLE.
- 3.PLACE (3) 30"x48"x36" HANDHOLE.

MOT USED:

102-602

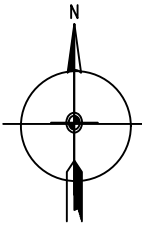
PLAT BOOK USED:

PB:	25/97
PB:	25/154
PB:	49/107

DRAWING INDEX

SHEET NO.	SHEET TITLE
001 OF 040	COVER SHEET
002 OF 040	OVERALL MAP
003 OF 040	GENERAL NOTES, LINETYPES & LEGEND
004 TO 033 OF 040	PLAN VIEW & PROFILES
034 TO 040 OF 040	CONSTRUCTION TYPICAL

SPACE RESERVED FOR PROFESSIONAL SEALS



ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE:

FLORIDA

DISTRICT:

HIGHLAND BEACH

EXCHANGE:

561272

WIRE CENTER:

DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY:

PALM BEACH

CITY:

HIGHLAND BEACH

TOWNSHIP:

47S

RANGE:

43E

SECTION:

04

PROJECT ADDRESS:

4300 A1A

ENGINEER:

HERNANDEZ, JAVIER

ENG PH #:

305-929-2166

JOB NUMBER:

1W842020N

CFAS PROJECT NUMBER:

A029ELL

FILE NAME:

1W842020N_4300 A1A

SCALE:

N.T.S

PAGE:

001

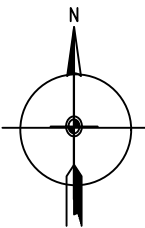
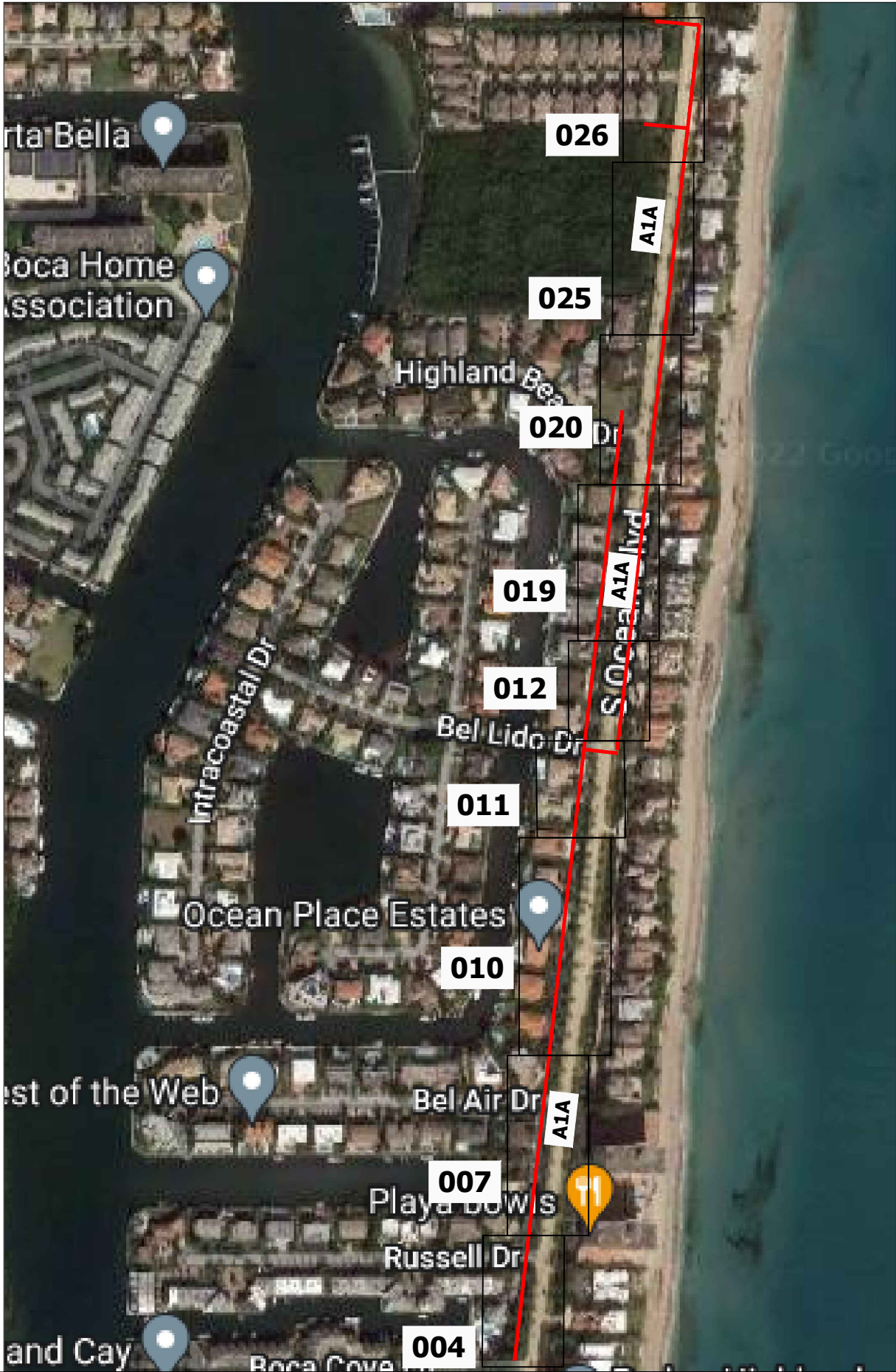
OF:

040

ENG-PLN-10050 REV(-) DATE: 03/03/22

PLOT DATE: 03/21/2022 FILE NAME: 1W842020N_4300 A1A_20211021

KEY MAP



ATTSE

PERMITTING

JURISDICTION:
* FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS		
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04

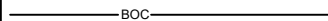









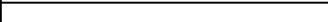


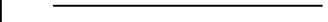
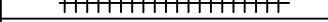













PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG PR #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: N.T.S	PAGE/ OF: 002/040

- ALL UTILITY STRUCTURES INSTALLED BELOW GRADE, OF ANY TYPE, IN THE PALM BEACH COUNTY RIGHT - OF - WAY ARE REQUIRED TO HAVE TRAFFIC BEARING TOPS. THIS INCLUDES ALL VALVES BOXES, METER BOXES, HAND HOLES, SPLICE BOXES, STORM GRATES, MANHOLE TOPS, TRAFFIC BOXES ETC. THIS REQUIREMENT APPLIES TO STRUCTURES WITHIN THE SIDEWALKS, GRASSES AREAS AND/OR PAVEMENT.
- ALL PULL BOXES, HANDHOLES, ETC., IN PALM BEACH COUNTY RIGHT - OF - WAY ARE TO BE A MINIMUM OF TIER 15, (15K DESIGN LOAD/22.5 TEST LOAD) TRAFFIC BEARING IN LOCATIONS ARE SUBJECT TO OCCASIONAL TRAFFIC. PULL BOXES, HANDHOLES, ETC. IN THE ROADWAY (DELIBERATE VEHICULAR TRAFFIC APPLICATIONS) ARE TO BE A MINIMUM OF TIER 20.
- ANY DAMAGE TO PBC-TRAFFIC-ITS FACILITIES CAUSED BY THE CONSTRUCTION OF THIS PROJECT, MUST BE REPAIRED OR REPLACED TO ORIGINAL OR BETTER CONDITION AT NO COST TO PALM BEACH COUNTY TRAFFIC ITS.
- DAMAGE TO LOOPS OR ANY SIGNAL EQUIPMENT CAUSED BY THE CONSTRUCTION OF THIS PROJECT MUST BE REPAIRED OR REPLACED TO ORIGINAL OR BETTER CONDITION AT NO COST TO PALM BEACH COUNTY.
- NO EXCAVATION AROUND PALM BEACH COUNTY SIGNAL POLES WITHIN A 6 FOOT RADIUS FROM THE CENTER OF THE POLE. PLEASE SEE PALM BEACH COUNTY TRAFFIC SIGNAL INSTALLATION STANDARDS AND DETAILS 2019 DRAWING T-53.
- CONTRACTOR SHALL CONTACT PALM BEACH COUNTY TRAFFIC OPERATIONS AT 561-233-3900 FORTY-EIGHT (48) HOURS PRIOR TO CONSTRUCTION IF WORK IS BEING DONE WITHIN 10 FEET OF ANY SIGNAL EQUIPMENT.


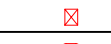
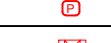
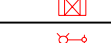
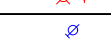

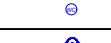
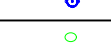
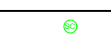






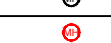
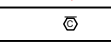
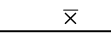
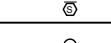

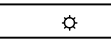


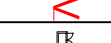
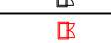






F.D.O.T NOTES:

1. LOCATE ALL UTILITIES / FACILITIES, INCLUDING STORMWATER DRAINAGE SYSTEMS,PRIOR TO START OF CONSTRUCTION. TO DETERMINE ACTUAL LOCATION & DEPTH OF OTHER FACILITIES. LOCATIONS SHOWN ON CROSS SECTIONS MAY NOT BE ACCURATE.
2. ALL UTILITY LOCATIONS WILL BE SPOT DUG FOR DEPTH VERIFICATION. TO DETERMINE DEPTH OF BORE, CONTRACTOR WILL COORDINATE THE DEPTH OF BORE WITH COUNTY INSPECTOR PRIOR TO ANY BORE BEING PERFORMED.
3. A SEPARATE PERMIT SHALL BE REQUIRED FROM COUNTY TO PERFORM SUBSURFACE UTILITY VERIFICATION (SUV) FOR TESTHOLES UNDER PAVEVENT.
4. CURRENT A.D.A STANDARDS SHALL BE UPHELD AT ALL TIMES.
5. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTY IN THE VICINITY OF THE CONSTRUCTION SITE
6. CONTRACTOR SHALL PROVIDE SAFE ACCESS PER F.O.O.1 STANDARD 600 SERIES REGULATIONS FOR ALL PEDESTRIAN TRAFFIC AND STANDARD 400 SERIES REGULATIONS ON ALL EXCAVATIONS OPENED IN THE TRAFFIC ZONE CONTROL AREA.
7. ALL CASINGS (HOPE) / DIRECTIONAL BORES SHALL EXTEND A MINIMUM OF SIX FEET (6) BEYOND EACH EDGE OF PAVEMENT (COMMERCIAL DRIVEWAYS INCLUDED).
8. ALL BURIED FACILITIES SHALL REQUIRE A MINIMUM DEPTH OF 36" AND 24" CLEARANCE FROM OTHER EXISTING UTILITIES.
9. ALL PROPOSED CABLE AND CONDUIT SHALL BE INSTALLED A MINIMUM OF 36" BELOW THE BOTTOM OF EXISTING AND PROPOSED SWALES AND DITCHES AND FEET BELOW THE BOTTOM OF CANALS. PRIMARY AND SECONDARY ORAINAGE SYSTEMS AND BOX CULVERTS.
10. ALL HANDHOLES WILL BE RATED TRAFFIC BEARING.
11. A MINIMUM CLEARANCE OF OVERHEAD WIRES AND CABLES SHALL BE 18 FEET OVER ROADWAYS AND 15 FEET OVER DRIVEWAYS.
12. CONTRACTOR SHALL RESTORE RIGHT-OF-WAY TO EQUAL OR BETTER CONDITION UPON COMPLETION OF WORK
13. ALL WORK PERFORMED WITHIN THE FOOT RIGHT-OF-WAY WITH THE 2021-22 FDOT STANDARD PLANS 2018 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE 2017 UTILITY ACCOMMODATION MANUAL.
14. PERMITTEE SHALL NOT BEGIN A DIRECTIONAL BORE ACROSS A STATE ROAD UNTIL AN FDOT INSPECTORS PRESENT AT THE JOB SITE AND AGREES THAT PROPER PREPARATION HAVE BEEN MADE.
15. AT &T MILL MAINTAIN 2' CLEARANCE BETWEEN PROPOSED BURIED CABLE AND EXISTING UTILITIES.

PBC UTILITY CONTACTS		
COMPANY	ENGINEERING & SURVEING CONTACT	PHONE
AMERICAN TRAFFIN SOLUTIONS	SANTIAGO MARTINEZ	(480) 596-4595
AT&T DISTRIBUTION	STEVE LOW	(954) 723-2540
PALM BEACH COUNTY	MATT BUCKNER	(561) 493-6101
COMCAST-BOCA DELRAY	TONY SPRINGSTEEL	(561) 804-0903
PALM BEACH COUNTY STORMWATER	TRACY WARD	(561) 494-1040
FLORIDA PUBLIC UTILITIES	DALE M. BUTCHER	(561) 366-1635
FPL- FIBERNET	DANNY HASKETT	(305) 552-2931
FPL- PALM BEACH	MARIO ESCALONA	(480) 219-9143
LEVEL 3 COMMUNICATIONS	NETWORK RELATIONS	(877) 366-8344 EXT 2
PALM BEACH COUNTY TRAFFIC OPERATION	SUPERINTENDENT	(561) 233-3900

LINE TYPES	
	EXISTING BURIED CABLE
	EXISTING FOC
	DIRECTIONAL BORE
	TRENCH
	AERIAL FOC
	PROPOSED AERIAL
	FENCE
	GRADE LEVEL
	EDGE OF PAVEMENT
	RIGHT OF WAY
	UTILITY EASEMENT
	CENTER LINE
	SIDEWALK
	PROPERTY LINE
	BUILDING
	RAILROAD
	POWER UNDERGROUND
	POWER AERIAL
	TRAFFIC
	TELCO
	GAS
	WATER MAIN
	SANITARY SEWER
	STORM DRAIN
	FORCE MAIN
	RECLAIMED WATER
	STREET LIGHT
	CATV BURIED

EXISTING UTILITY LOCATIONS OBTAINED FROM RECORD DRAWINGS AND/OR PROVIDED BY DEVELOPMENT ENGINEER.
ALL FACILITIES SUBJECT TO FIELD VERIFICATION.

LEGEND	
	POWER MANHOLE
	POWER TRANSFORMER
	POWER PEDESTAL
	TRAFFIC SIGNAL CABINET
	STREET LIGHT
	WATER VAULT/ SPRINKLER
	WATER METER
	WATER CAP
	FIRE HYDRANT
	SANITARY SEWER MANHOLE
	SANITARY CAP
	STORM DRAIN MANHOLE
	STORM DRAIN
	TELCO MANHOLE
	GAS VALVE
	PRPOSED NEW HANDHOLE
	EXISTING HANDHOLE
	DIG PIT
	EXISTING MANHOLE
	PROPOSED NEW MANHOLE
	CONCRETE POLE
	WOOD POLE
	METAL POLE
	TELCO POLE
	PROPOSED POLE
	LIGHT POLE
	POWER POLE
	PROPOSED ANCHOR & GUY
	PROPOSED SIDEWALK DOWNGUY
	EXISTING CABINET
	PROPOSED CABINET

UG CONSTRUCTION NOTES	
RESTORE ALL SURFACES TO EQUAL OR BETTER CONDITION	NO PROPOSED RUNNING LINE CHANGES ARE TO BE DONE WITHOUT AT&T APPROVAL.
VERIFY ALL MEASUREMENTS AND DISTANCES	
COORDINATE WITH THE LOCAL UTILITY PROVIDER AND PROVIDE THE CLEARANCES TO EXISTING UTILITIES ESTABLISHED BY THOSE AGENCIES. AT A MINIMUM, MAINTAIN 4 FT OF HORIZONTAL CLEARANCE BETWEEN PROPOSED UG UTILITIES (WALL TO WALL) AND A MINIMUM OF 12 INCHES OF VERTICAL CLEARANCE	MAINTAIN A MINIMUN BENDING RADIUS OF 5' ON ALL DUCT CONFIGURATION.

ATTSE


PERMITTING

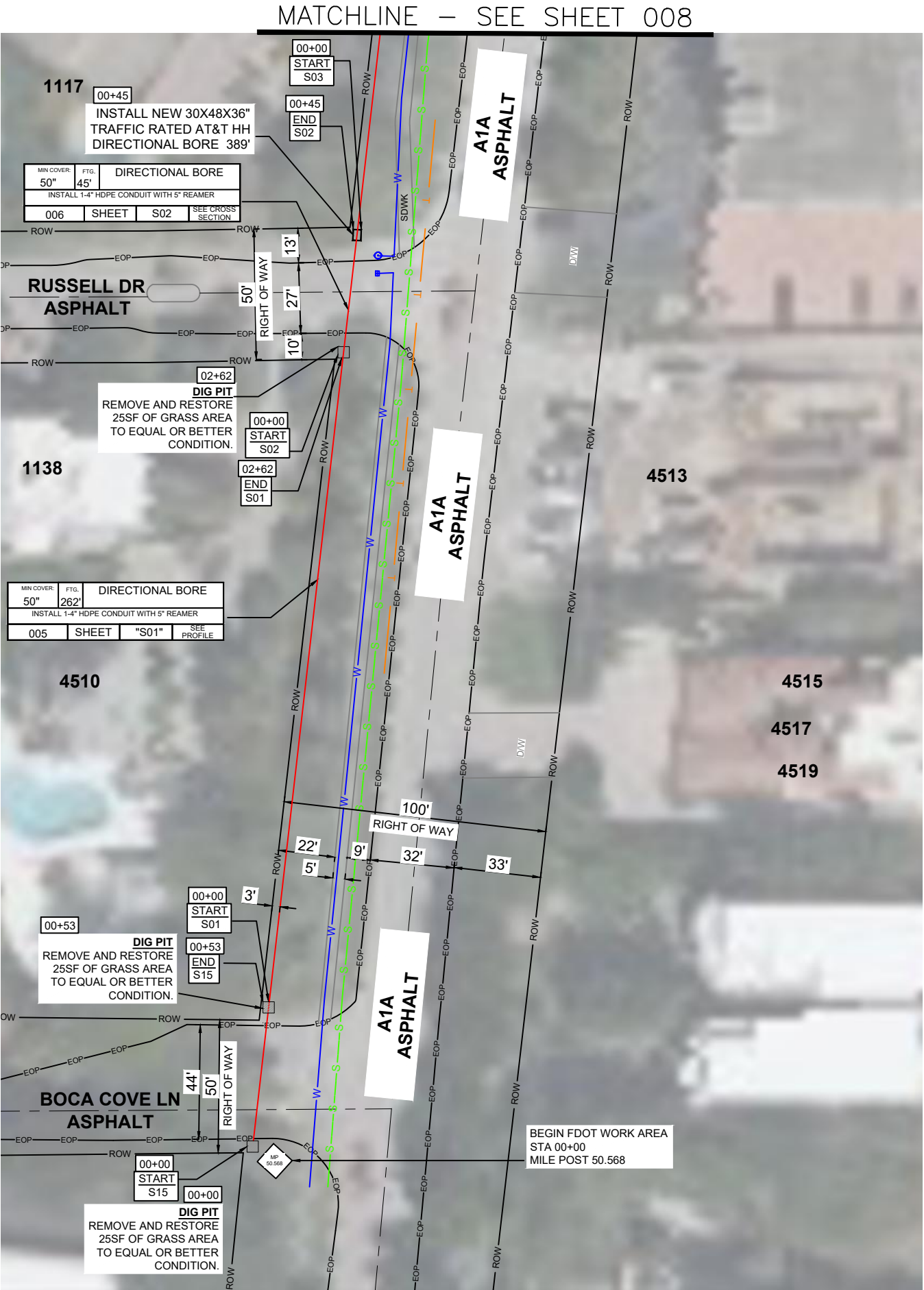
JURISDICTION:	
*	FDOT

STATE:	DISTRICT:
FLORIDA	HIGHLAND BEACH
EXCHANGE:	WIRE CENTER:
561272	DLBHFLMA

REVISIONS/APPROVALS

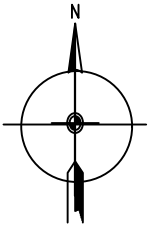
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

 Know what's below. Call before you dig.	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
PROJECT ADDRESS:		SECTION:
4300 A1A		04
ENGINEER:	ENG PH #:	APPROVED
HERNANDEZ, JAVIER	305-929-2166	4/8/2022
JOB NUMBER:	C/FAS PROJECT NUMBER:	
1W842020N	A029ELL	
FILE NAME:	DATE	
1W842020N_4300 A1A	4/8/2022	
SCALE:	PAGE:	OF:
N.T.S	003	040



PB:	25/97
PB:	25/154
PB:	49/107

TOTAL PAGE FOOTAGE:	426'
TOTAL UNDER PAVEMENT:	71'



ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

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CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
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SECTION:	04

PROJECT ADDRESS:
4300 A1A

ENGINEER:
HERNANDEZ, JAVIER
ENG. PH.#:
305-929-2166

JOB NUMBER:
1W842020N
CFAS PROJECT NUMBER:
A029ELL

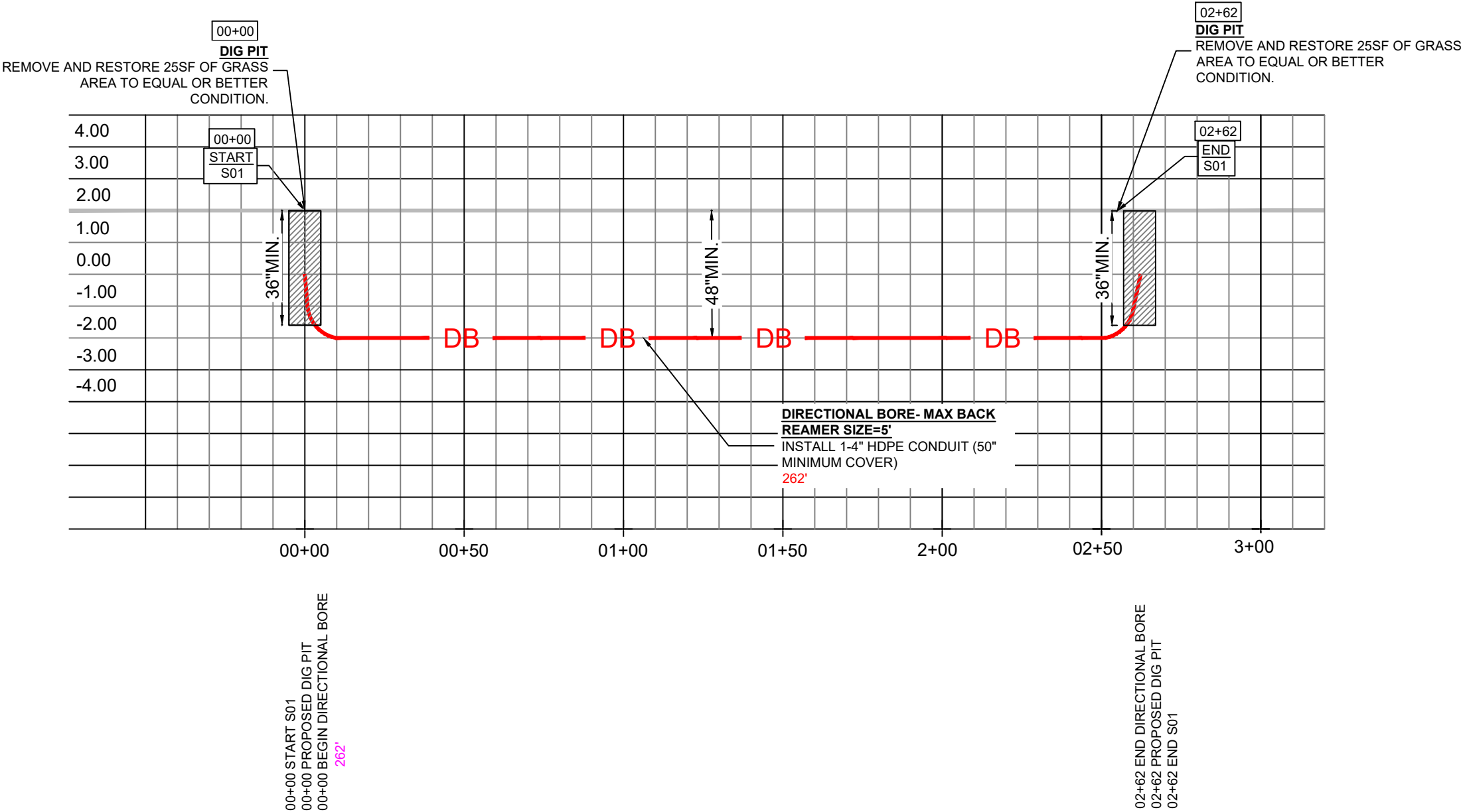
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1W842020N_4300 A1A

SCALE: 1:50
PAGE: 004
OF: 040

PROFILE "S01" - A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1' =10'

A1A LOOKING: WEST



NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.


ATTSE

PERMITTING

JURISDICTION:
* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

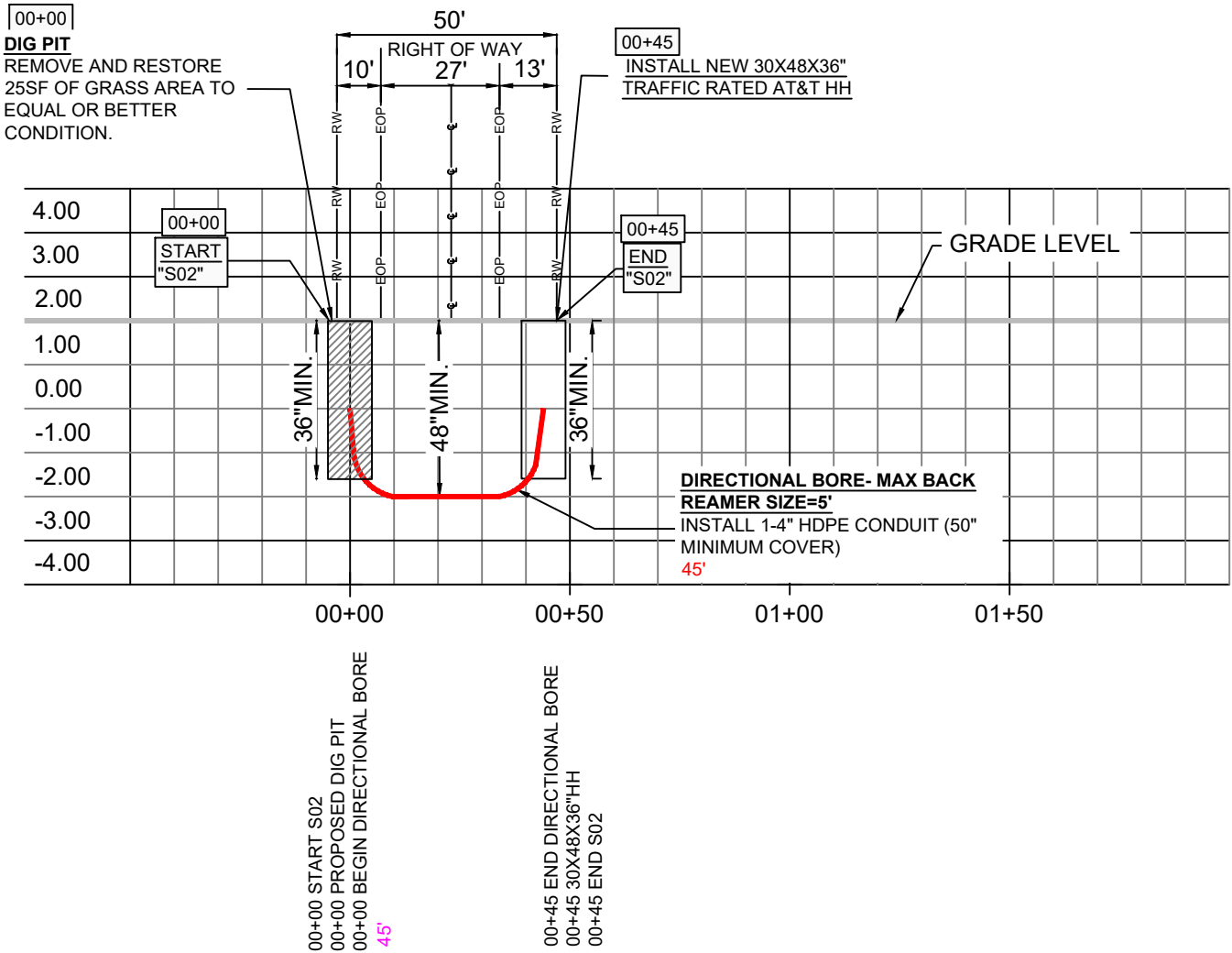
REVISIONS/APPROVALS		
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

 Know what's below. Call before you dig.	COUNTY: PALM BEACH
	CITY: HIGHLAND BEACH
	TOWNSHIP: 47S
	RANGE: 43E
	SECTION: 04
PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 005 OF 040

CROSS SECTION -VIEW "S02"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

RUSSELL DR
LOOKING: WEST



NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
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JURISDICTION:
* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

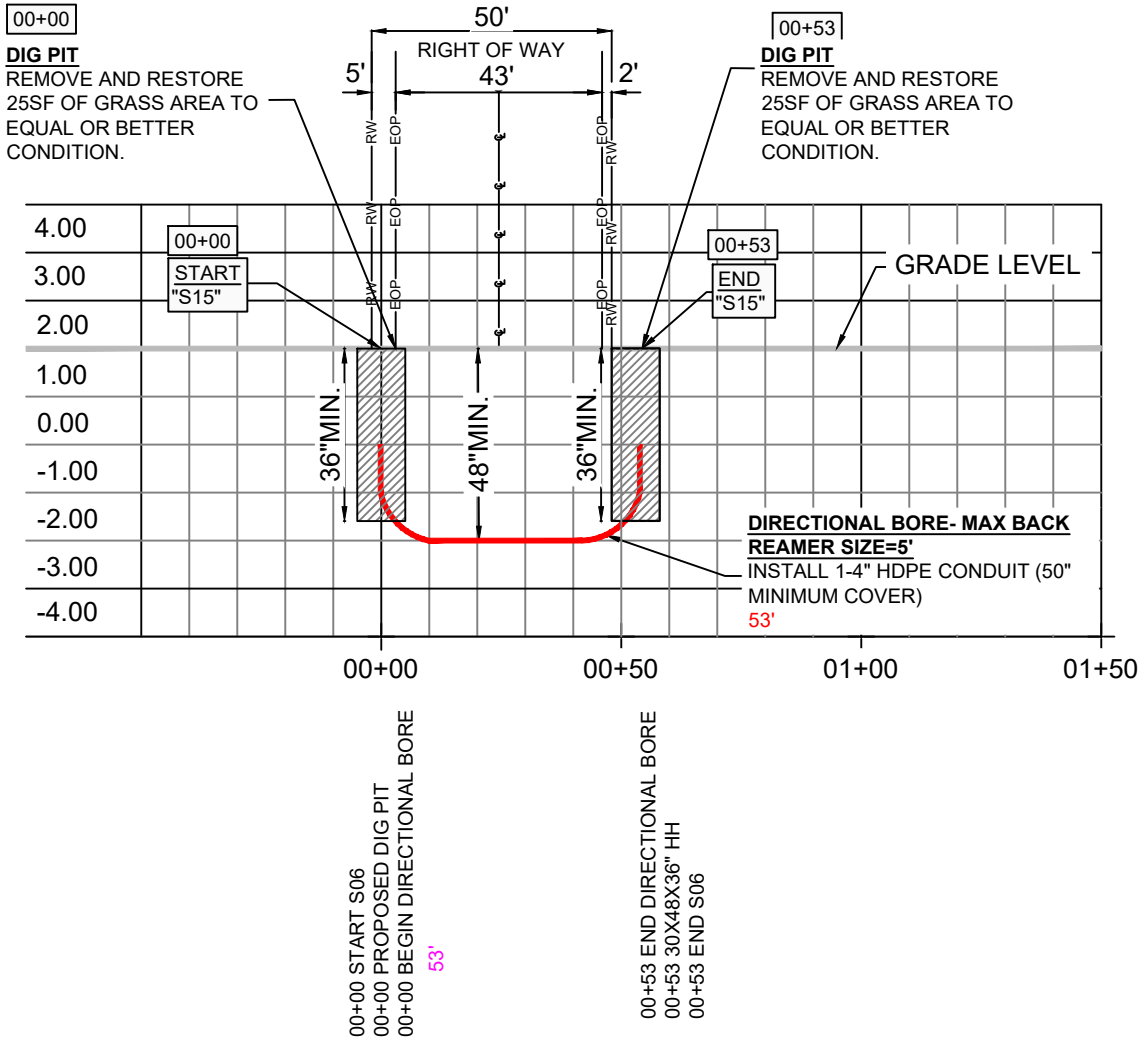
REVISIONS/APPROVALS		
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

 Know what's below. Call before you dig.	COUNTY: PALM BEACH
	CITY: HIGHLAND BEACH
	TOWNSHIP: 47S
	RANGE: 43E
	SECTION: 04
PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 006 OF 040

CROSS SECTION -VIEW "S15"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

BOCA COVE LN
LOOKING: WEST



NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

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STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:			4300 A1A		
ENGINEER:			HERNANDEZ, JAVIER		
			ENG PH #: 305-929-2166		
JOB NUMBER:			CFAS PROJECT NUMBER:		
1W842020N			A029ELL		
FILE NAME:					
1W842020N_4300 A1A					
SCALE:		PAGE:		OF:	
1:40		007		040	

1123

00+43
DIG PIT
REMOVE AND RESTORE
25SF OF GRASS AREA
TO EQUAL OR BETTER
CONDITION.

MIN COVER:	FTG.	DIRECTIONAL BORE	
50"	43'		
INSTALL 1.4" HDPE CONDUIT WITH 5" REAMER			
009	SHEET	S04	SEE CROSS SECTION

00+00
START
S05

00+43
END
S04

14'

24'

50'

12'

BEL AIR DR
ASPHALT

03+89

INSTALL NEW 30X48X36"
TRAFFIC RATED AT&T HH
DIRECTIONAL BORE 43'

00+00
START
S04

03+89
END
S03

4418

4420

4500

4502

MIN COVER:	FTG.	DIRECTIONAL BORE	
50"	389'		
INSTALL 1.4" HDPE CONDUIT WITH 5" REAMER			
008	SHEET	S03	SEE PROFILE

4504

4506

1119

100'

RIGHT OF WAY

10'

3'

19'

5'

31'

35'

100'

RIGHT OF WAY

12'

3'

19'

29'

35'

A1A ASPHALT

A1A ASPHALT

ROW

EOP

SDWK

W

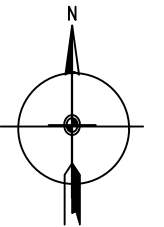
S

D/W

D/W

PB:	25/97
PB:	25/154
PB:	49/107

TOTAL PAGE FOOTAGE:	439'
TOTAL UNDER PAVEMENT:	24'



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PERMITTING

JURISDICTION:

★ FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



Know what's **below**.
Call before you dig.

COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:
4300 A1A

ENGINEER:	ENG PH #
HERNANDEZ, JAVIER	305-929-2166

JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
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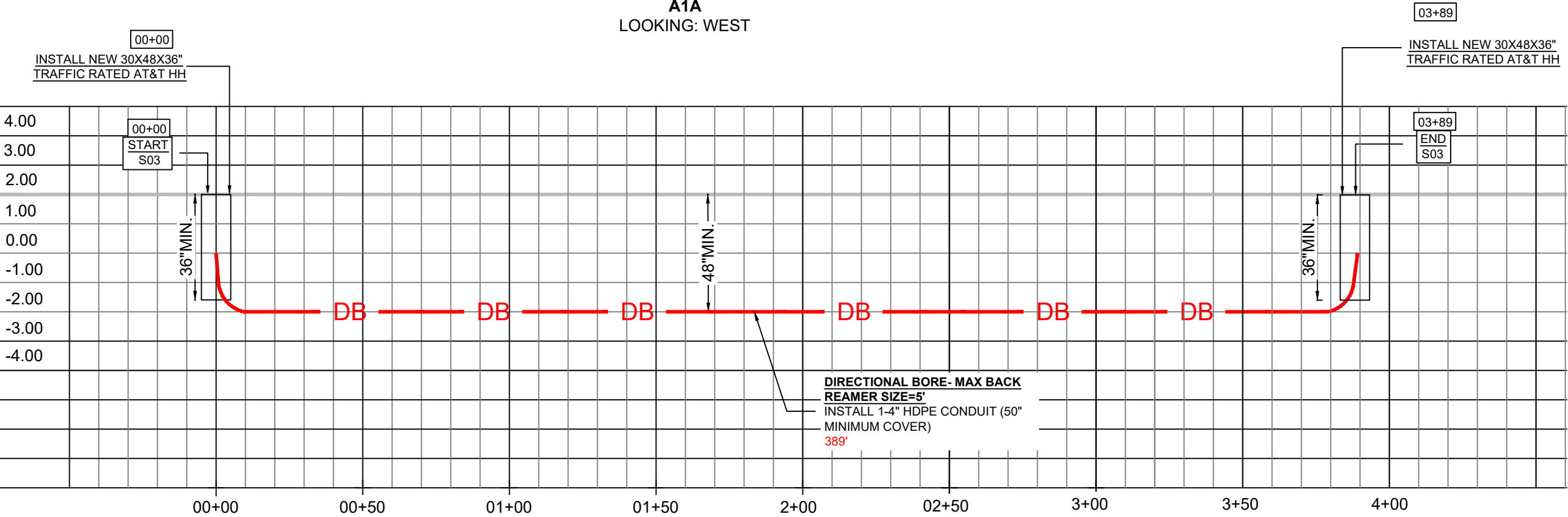
FILE NAME:
1W842020N 4300 A1A

SCALE:	PAGE:	OF:
1:50	008	040

PROFILE "S03" - A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1' =10'

A1A
LOOKING: WEST



00+00 START S03
00+00 30X48X36" HH
00+00 BEGIN DIRECTIONAL BORE
389'

03+89 END DIRECTIONAL BORE
03+89 30X48X36" HH
03+89 END S03

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



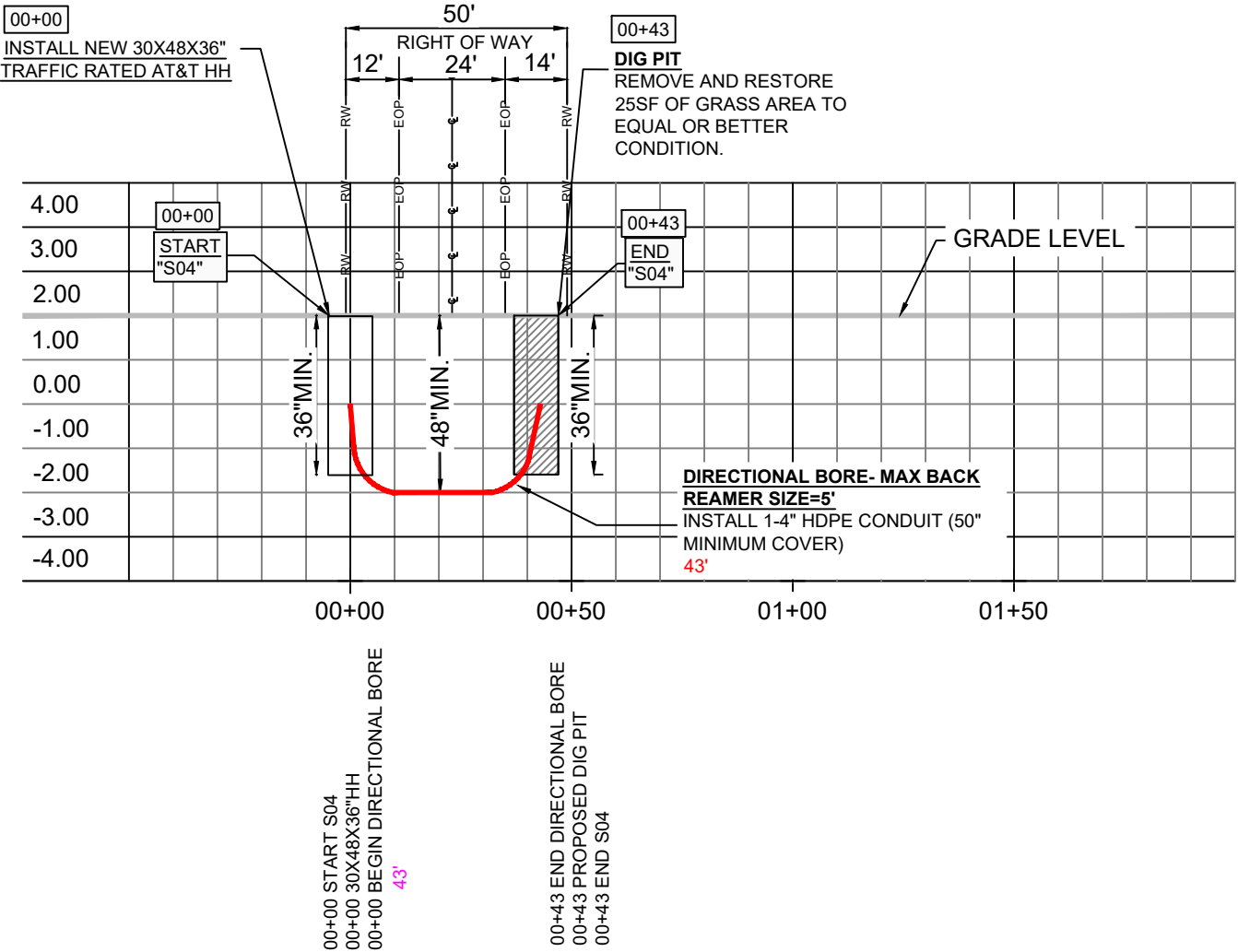
COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS: 4300 A1A		
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166	Approved 03-22-H-177-00177 Eugene Kissner 4/6/2022
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL	
FILE NAME: 1W842020N_4300 A1A		
SCALE: 1:40	PAGE: 009	OF: 040

CROSS SECTION -VIEW "S04"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

BEL AIR DR
LOOKING: WEST



NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

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PERMITTING

JURISDICTION:

* FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

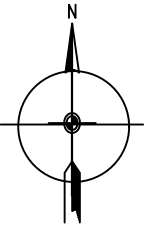


COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:		
4300 A1A		
ENGINEER:	ENG. PH. #:	
HERNANDEZ, JAVIER	305-929-2166	
JOB NUMBER:	CFAS PROJECT NUMBER:	
1W842020N	A029ELL	
FILE NAME:		
1W842020N_4300 A1A		
SCALE:	PAGE:	OF:
1:40	010	040

PB:	25/97
PB:	25/154
PB:	49/107

TOTAL PAGE FOOTAGE:	440'
TOTAL UNDER PAVEMENT:	0'



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PERMITTING

JURISDICTION:

★ FDOT

STATE:
FLORIDA

DISTRICT:
HIGHLAND BEACH

EXCHANGE:
561272

WIRE CENTER:
DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



Know what's **below**.
Call before you dig.

COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:
4300 A1A

ENGINEER:	ENG PH #.
HERNANDEZ, JAVIER	305-929-2166

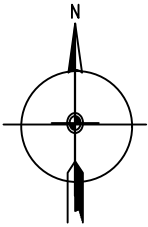
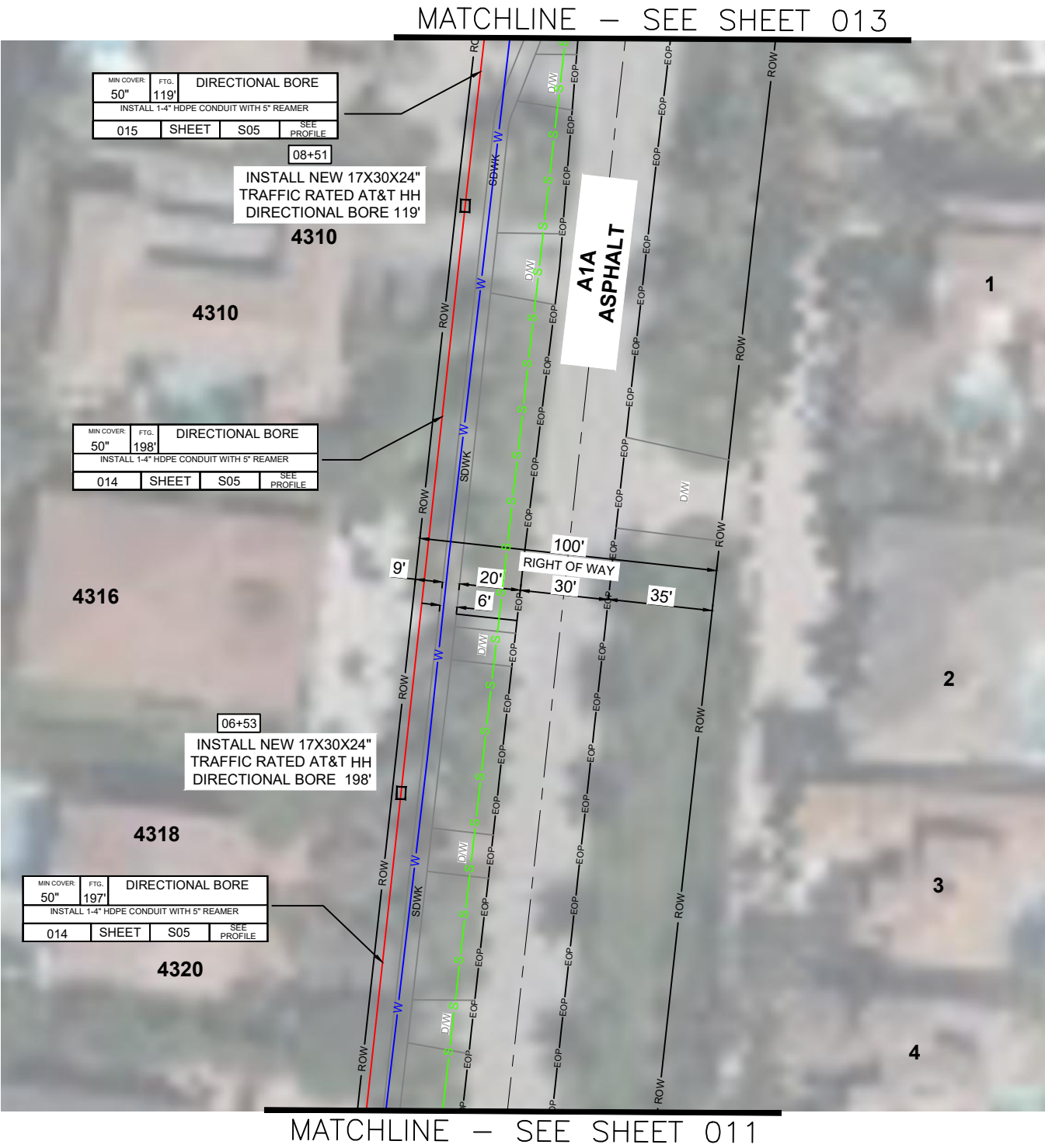
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
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FILE NAME: 1W842020N_4300 A1A

SCALE:	PAGE:	OF:
1:50	011	040

PB:	25/97
PB:	25/154
PB:	49/107

TOTAL PAGE FOOTAGE:	361'
TOTAL UNDER PAVEMENT:	0'



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PERMITTING

JURISDICTION:	
*	FDOT

STATE:	DISTRICT:
FLORIDA	HIGHLAND BEACH
EXCHANGE:	WIRE CENTER:
561272	DLBHFLMA

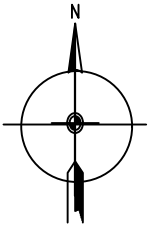
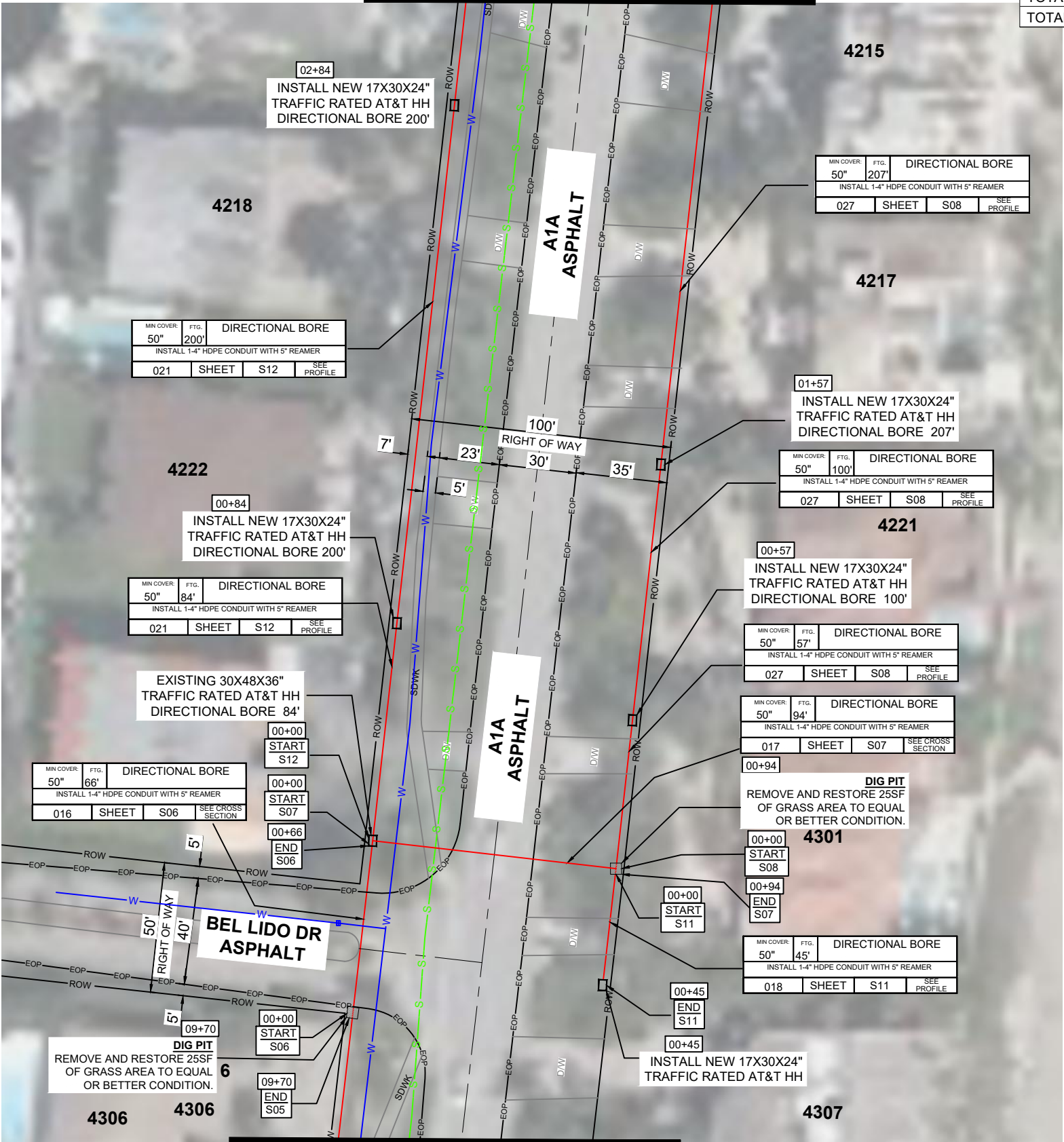
REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04
PROJECT ADDRESS:		
4300 A1A		
ENGINEER:	ENG. PH. #	305-929-2166
HERNANDEZ, JAVIER		
JOB NUMBER:	CFAS PROJECT NUMBER:	A029ELL
1W842020N		
FILE NAME:		
1W842020N_4300 A1A		
SCALE:	PAGE:	OF:
1:50	012	040

PB:	25/97
PB:	25/154
PB:	49/107

TOTAL PAGE FOOTAGE:	909'
TOTAL UNDER PAVEMENT:	75'



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JURISDICTION:
* FDOT

STATE:	DISTRICT:
FLORIDA	HIGHLAND BEACH
EXCHANGE:	WIRE CENTER:
561272	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

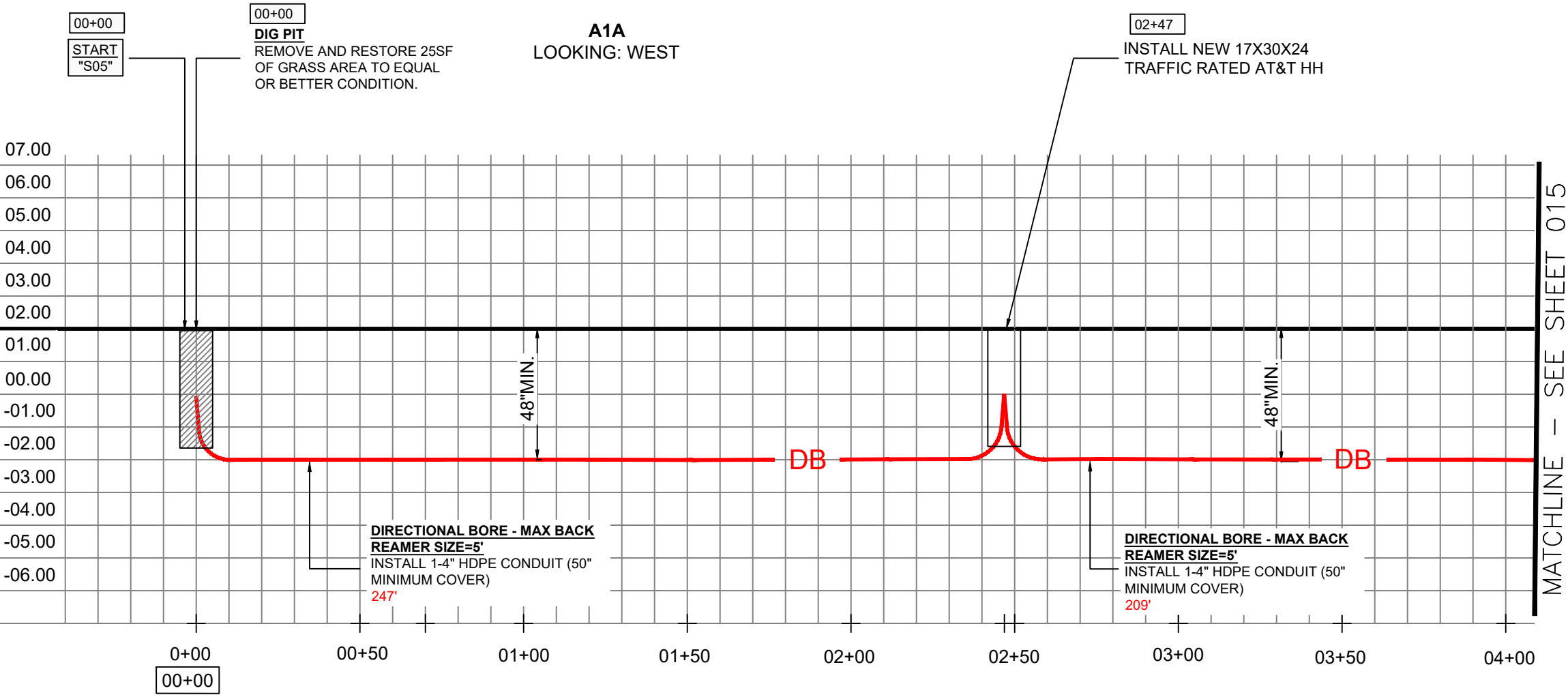


COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:			4300 A1A		
ENGINEER:			HERNANDEZ, JAVIER		
ENG. PH. #			305-929-2166		
JOB NUMBER:			1W842020N		
CFAS PROJECT NUMBER:			A029ELL		
FILE NAME:					
1W842020N_4300 A1A					
SCALE:		PAGE:		OF:	
1:50		013		040	

PROFILE VIEW "S05"- A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"



00+00 START "S 05"
00+00 PROPOSED DIG PIT
00+00 BEGIN DIRECTIONAL BORE
247'

02+47 END DIRECTIONAL BORE
02+47 17'X30'X24" HH
02+47 BEGIN DIRECTIONAL BORE
209'

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

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JURISDICTION:
* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



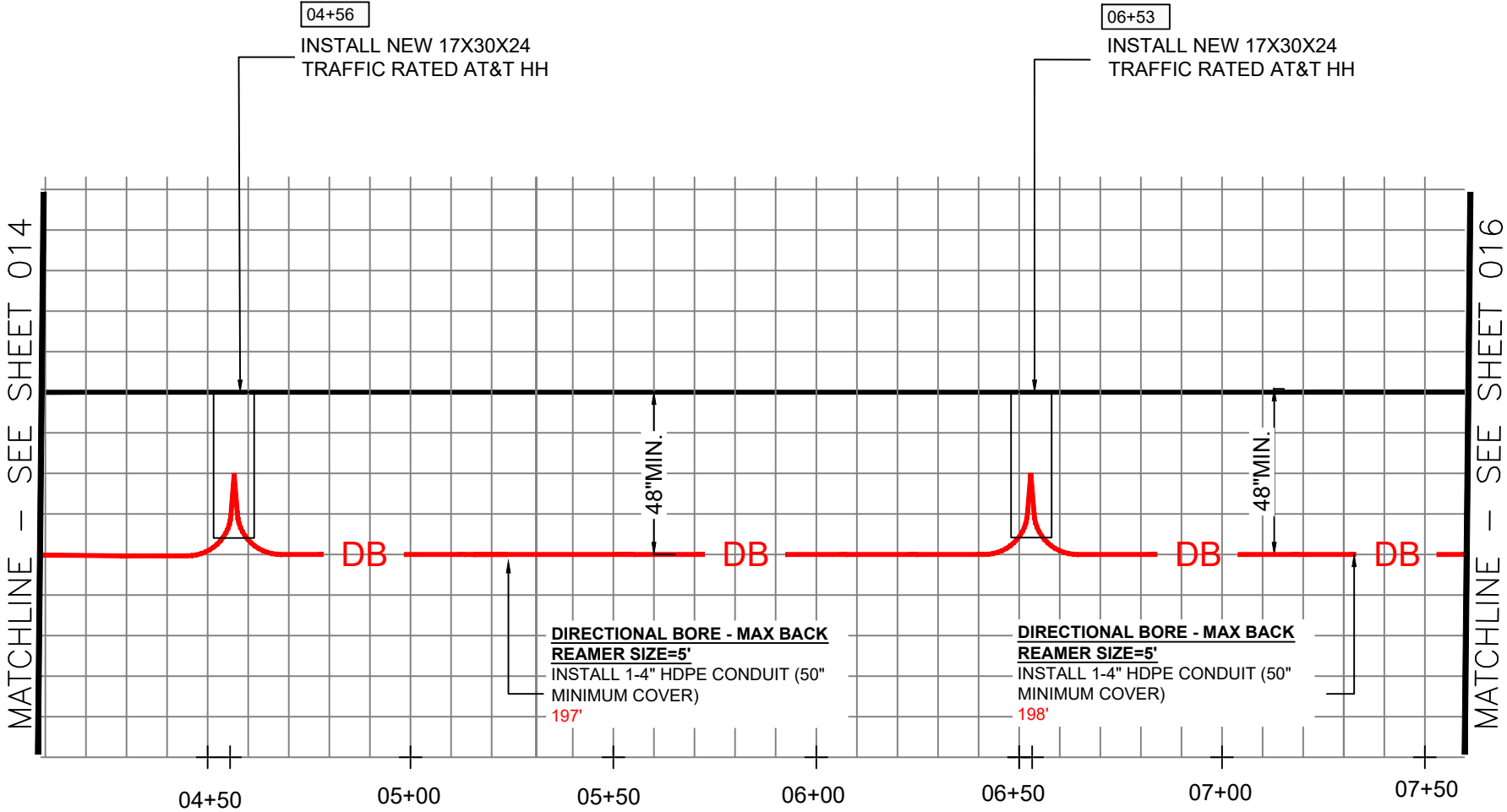
COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 014 OF 040

PROFILE VIEW "S05" - A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

A1A
LOOKING: WEST



04+56 END DIRECTIONAL BORE
04+56 17X30X24' HH
04+56 BEGIN DIRECTIONAL BORE
197

06+53 END DIRECTIONAL BORE
06+53 17X30X24' HH
06+53 BEGIN DIRECTIONAL BORE
198

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:
• FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



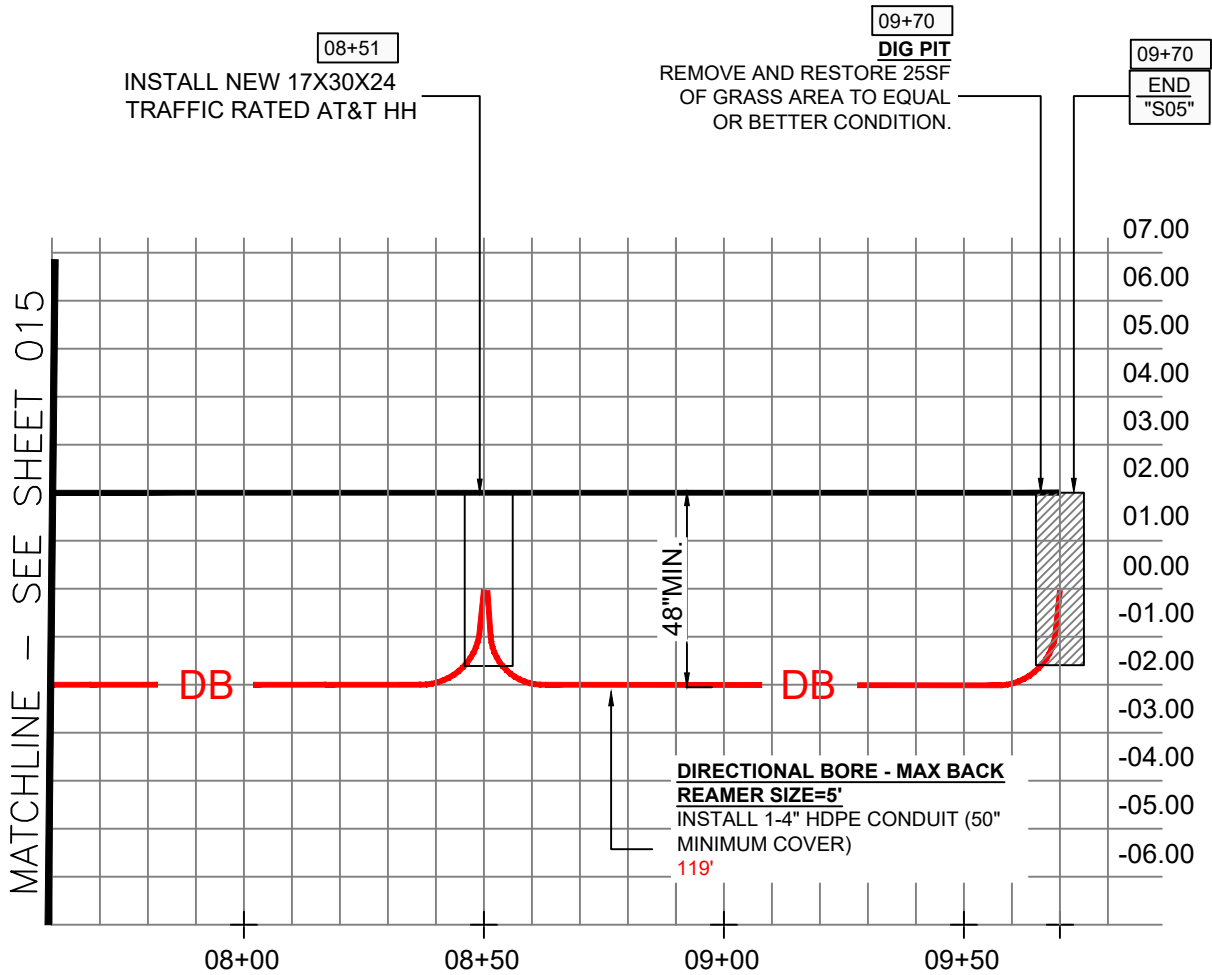
COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 015 OF 040

PROFILE VIEW "S05"- A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

A1A
LOOKING: WEST



08+51 END DIRECTIONAL BORE
08+51 17X30X24' HH
08+51 BEGIN DIRECTIONAL BORE

119'

09+70 END DIRECTIONAL BORE
09+70 PROPOSED DIG PIT
09+70 END "S"

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

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JURISDICTION:

* FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



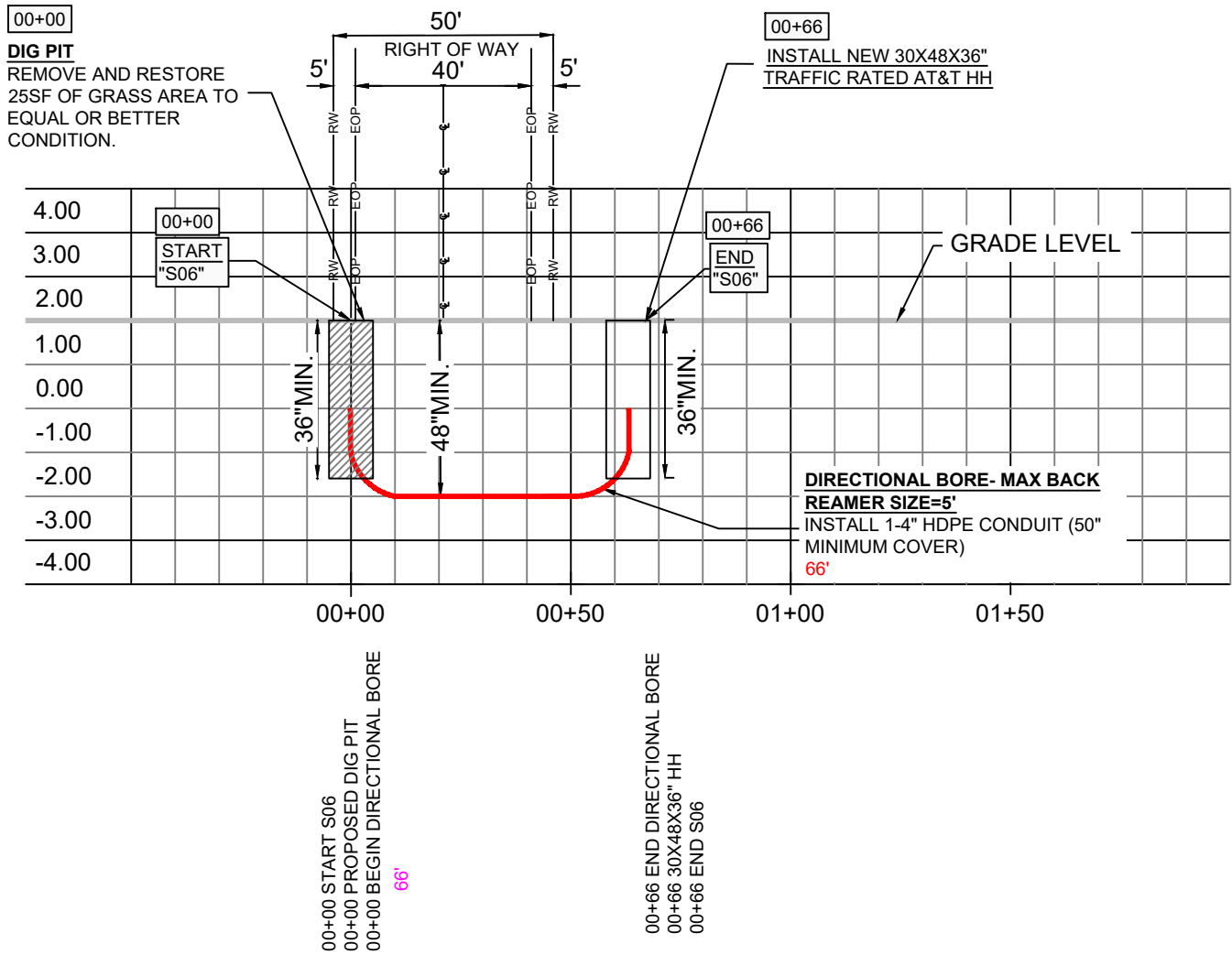
COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:			4300 A1A		
ENGINEER:			HERNANDEZ, JAVIER		
			ENG. PH. #:		
			305-929-2166		
JOB NUMBER:			CFAS PROJECT NUMBER:		
1W842020N			A029ELL		
FILE NAME:					
1W842020N_4300 A1A					
SCALE:		PAGE:		OF:	
1:40		016		040	

CROSS SECTION -VIEW "S06"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

BEL LIDO DR
LOOKING: WEST



NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:

FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



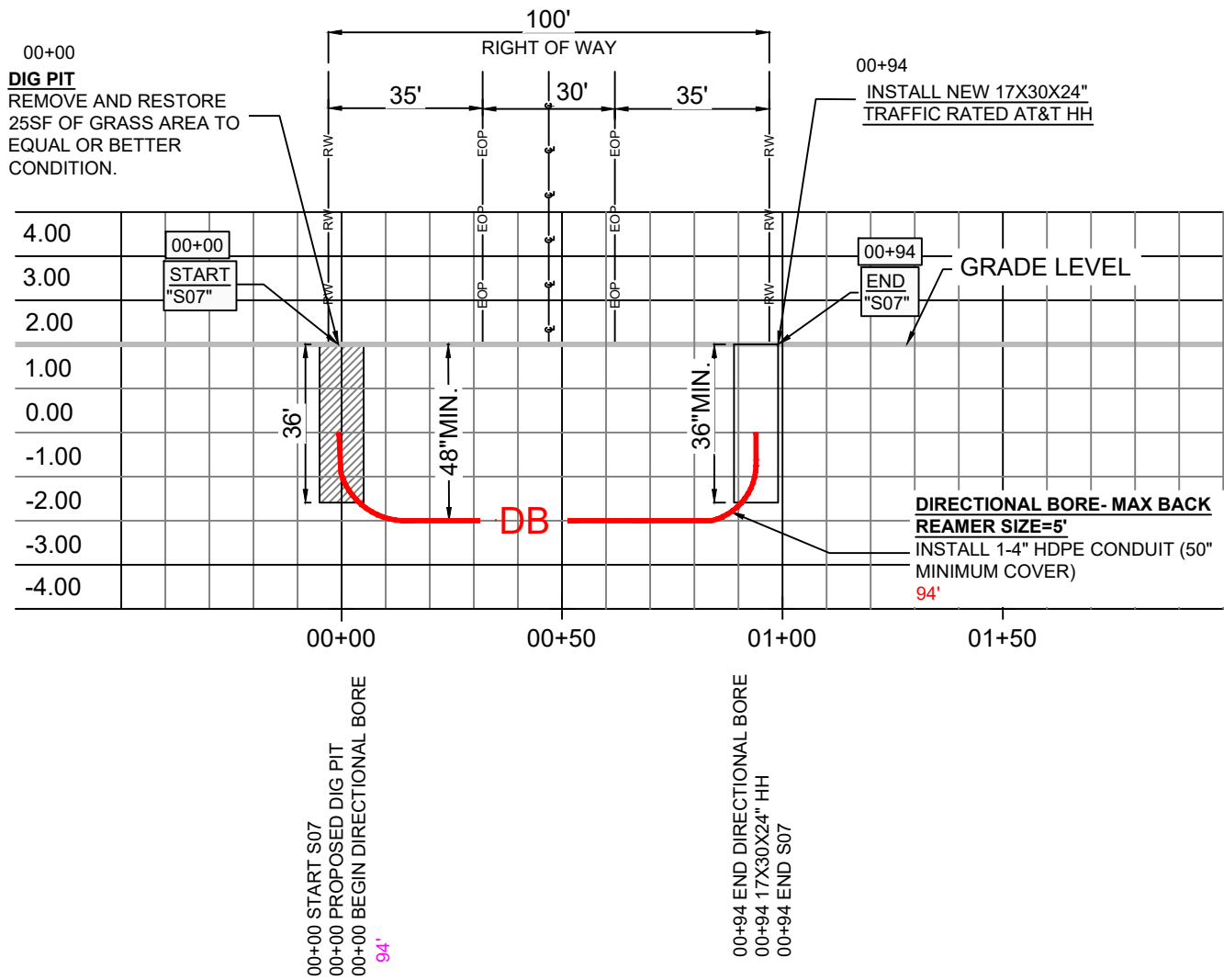
COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:			4300 A1A		
ENGINEER:			HERNANDEZ, JAVIER		
			ENG PH #:		
			305-929-2166		
JOB NUMBER:			CFAS PROJECT NUMBER:		
1W842020N			A029ELL		
FILE NAME:					
1W842020N_4300 A1A					
SCALE:		PAGE:		OF:	
1:40		017		040	

CROSS SECTION -VIEW "S07"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

A1A LOOKING: NORTH



NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE


PERMITTING

JURISDICTION:
* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

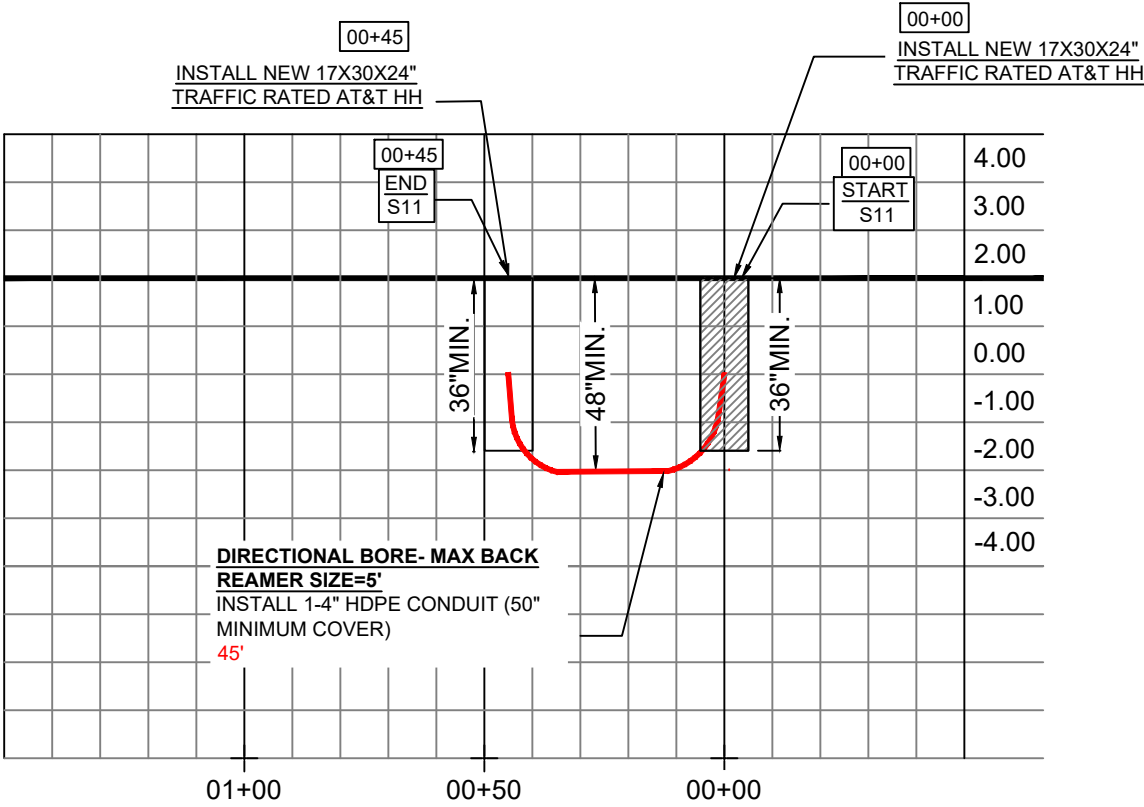
 Know what's below. Call before you dig.	COUNTY: PALM BEACH
	CITY: HIGHLAND BEACH
	TOWNSHIP: 47S
	RANGE: 43E
	SECTION: 04

PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 018 OF 040

PROFILE VIEW "S11" - A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

A1A
LOOKING: WEST



00+45 END DIRECTIONAL BORE
00+45 17X30X24" HH
00+45 END S11

00+00 BEGIN DIRECTIONAL BORE
00+00 PROPOSED DIG PIT
00+00 START S11

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:

* FDOT

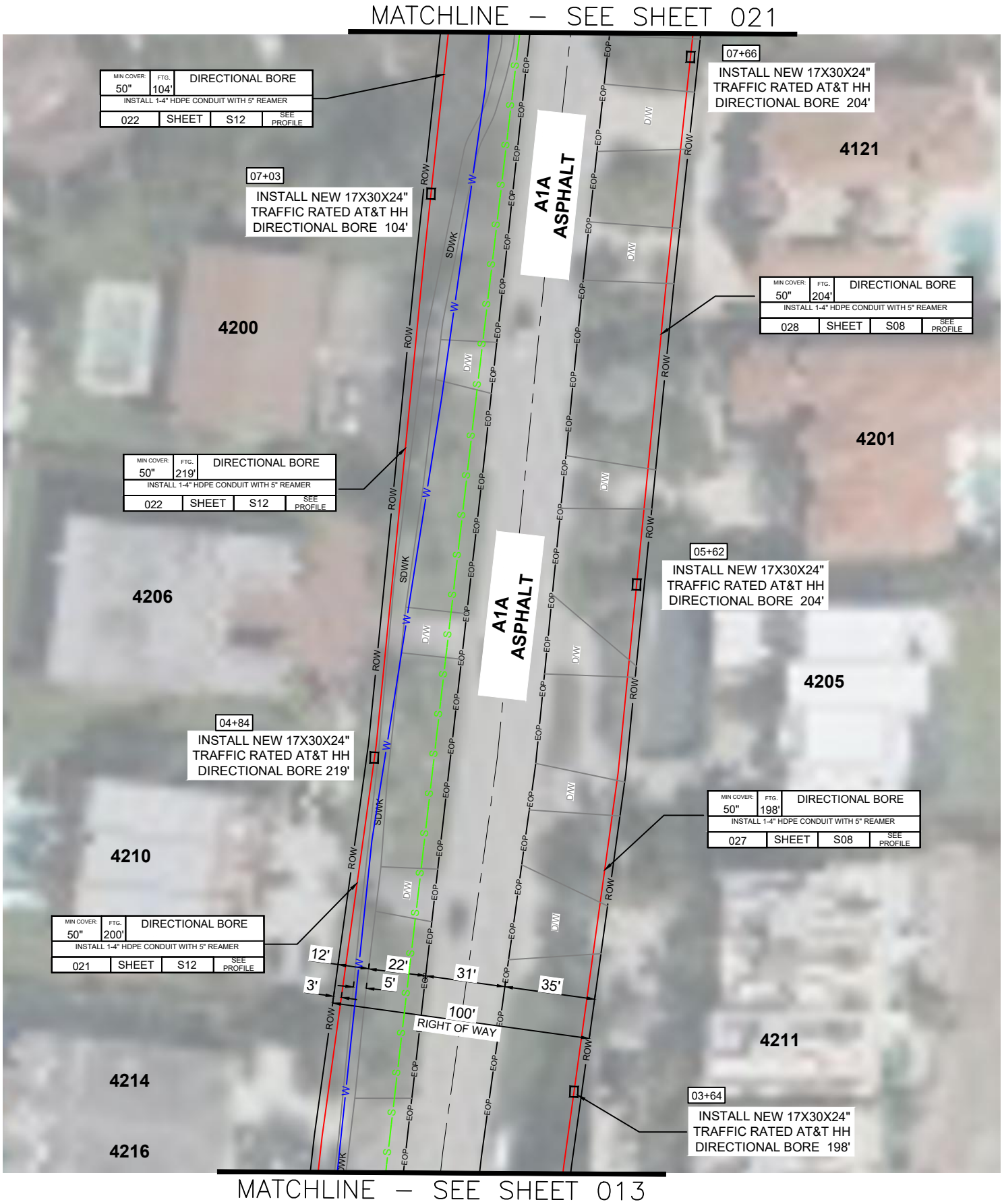
STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

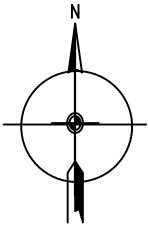
 Know what's below. Call before you dig.	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04

PROJECT ADDRESS:	
4300 A1A	
ENGINEER:	ENG. PH. #
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER:	CFAS PROJECT NUMBER:
1W842020N	A029ELL
FILE NAME:	
1W842020N_4300 A1A	
SCALE:	PAGE: OF:
1:40	019 040



PB:	25/97
PB:	25/154
PB:	49/107

TOTAL PAGE FOOTAGE:	880'
TOTAL UNDER PAVEMENT:	0'



ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

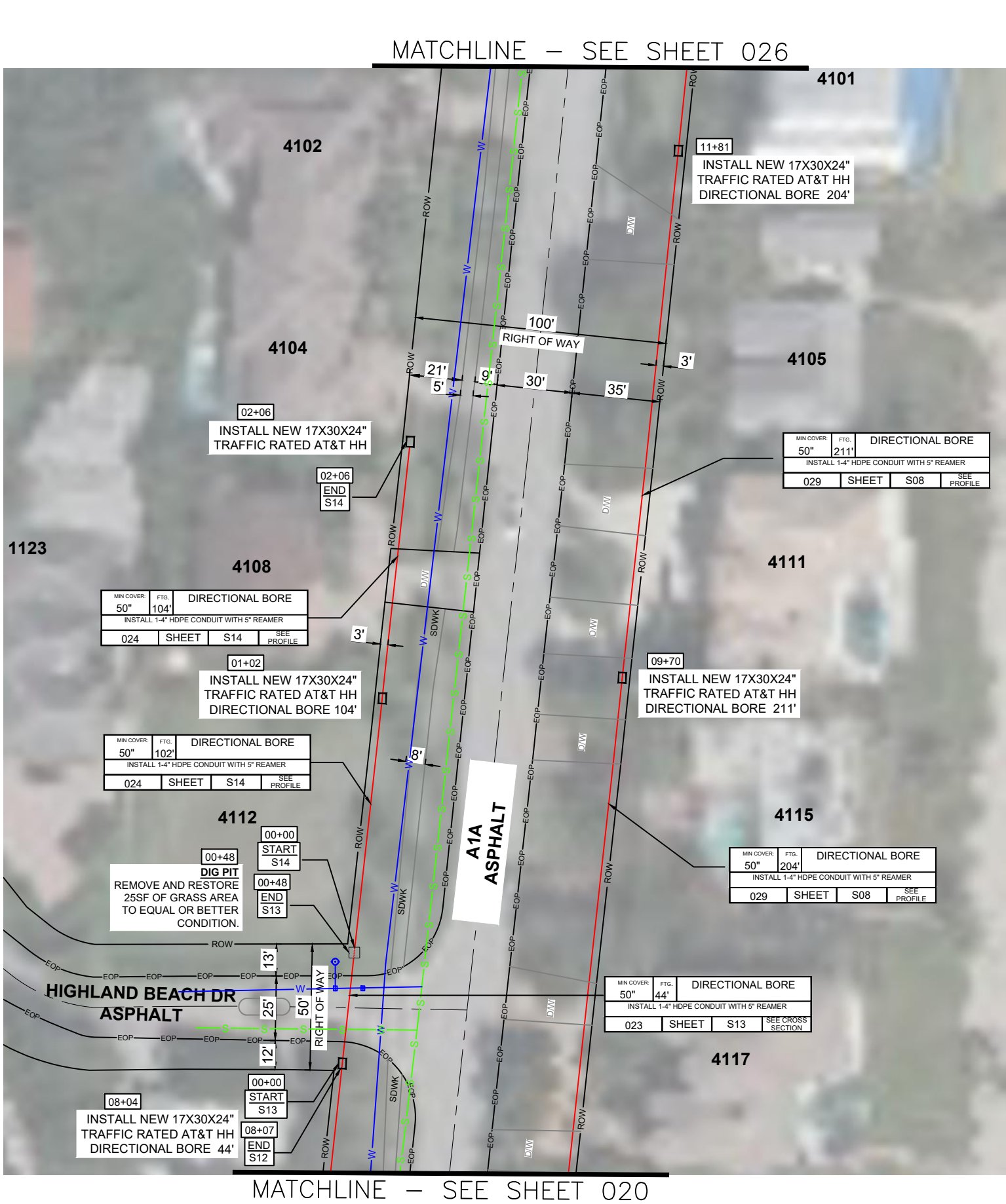
REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



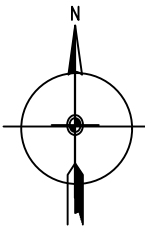
COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS: 4300 A1A		
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166	Approved 177 Eugene Kissner 4/8/2022
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL	
FILE NAME: 1W842020N_4300 A1A		
SCALE: 1:50	PAGE: 020	OF: 040



PB:	25/97
PB:	25/154
PB:	49/107

TOTAL PAGE FOOTAGE:	734'
TOTAL UNDER PAVEMENT:	27'



ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



Know what's below.
Call before you dig.

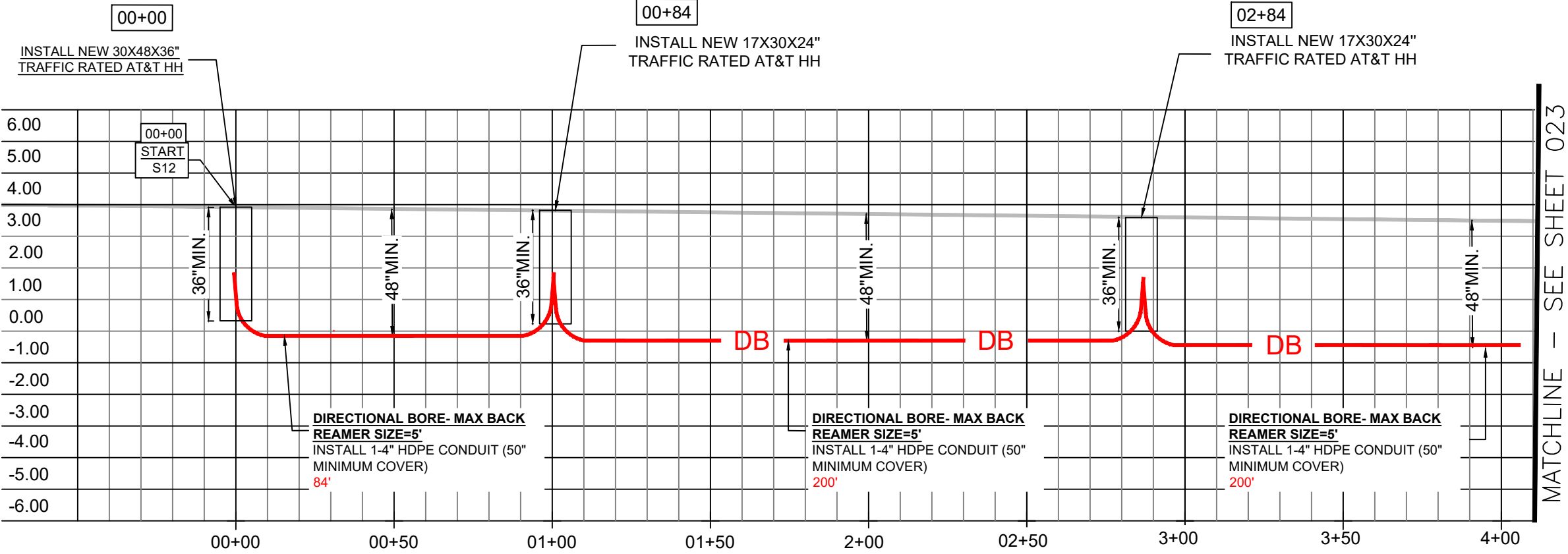
COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:		
4300 A1A		
ENGINEER:	ENG PH #:	
HERNANDEZ, JAVIER	305-929-2166	
JOB NUMBER:	CFAS PROJECT NUMBER:	
1W842020N	A029ELL	
FILE NAME:		
1W842020N_4300 A1A		
SCALE:	PAGE:	OF:
1:50	021	040

PROFILE VIEW "S12"- A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1' =10'

A1A DR
LOOKING: WEST



00+00 START S12
00+00 30X48X36\"/>

00+84 END DIRECTIONAL BORE
00+84 17X30X24\"/>

02+84 END DIRECTIONAL BORE
02+84 17X30X24\"/>

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:
* FDOT

STATE: FLORIDA DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272 WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



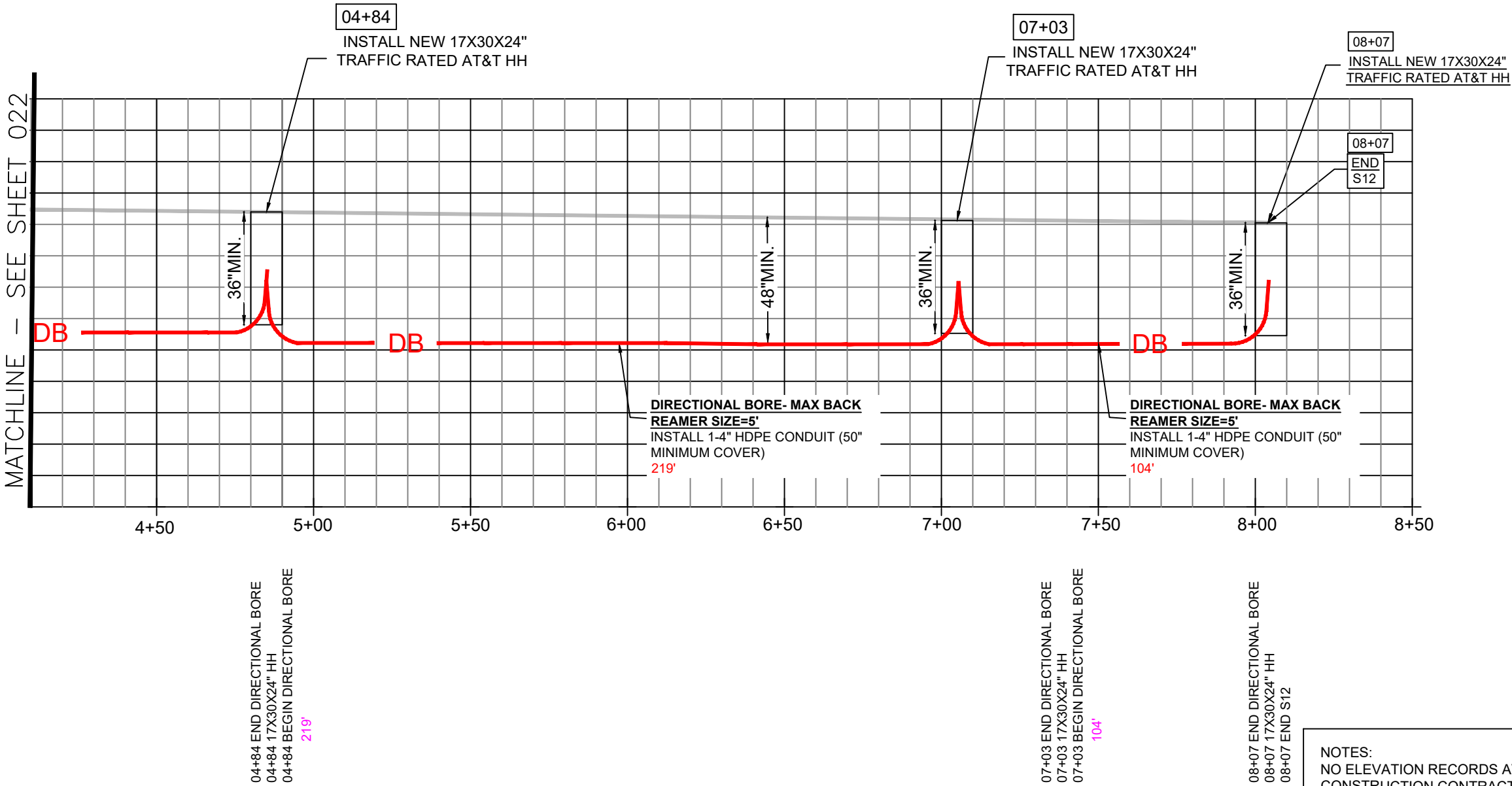
COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS: 4300 A1A
ENGINEER: HERNANDEZ, JAVIER ENG PH # 305-929-2166
JOB NUMBER: 1W842020N CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A
SCALE: 1:40 PAGE: 022 OF: 040

PROFILE VIEW "S12"- A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1' =10'

A1A DR
LOOKING: WEST



NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



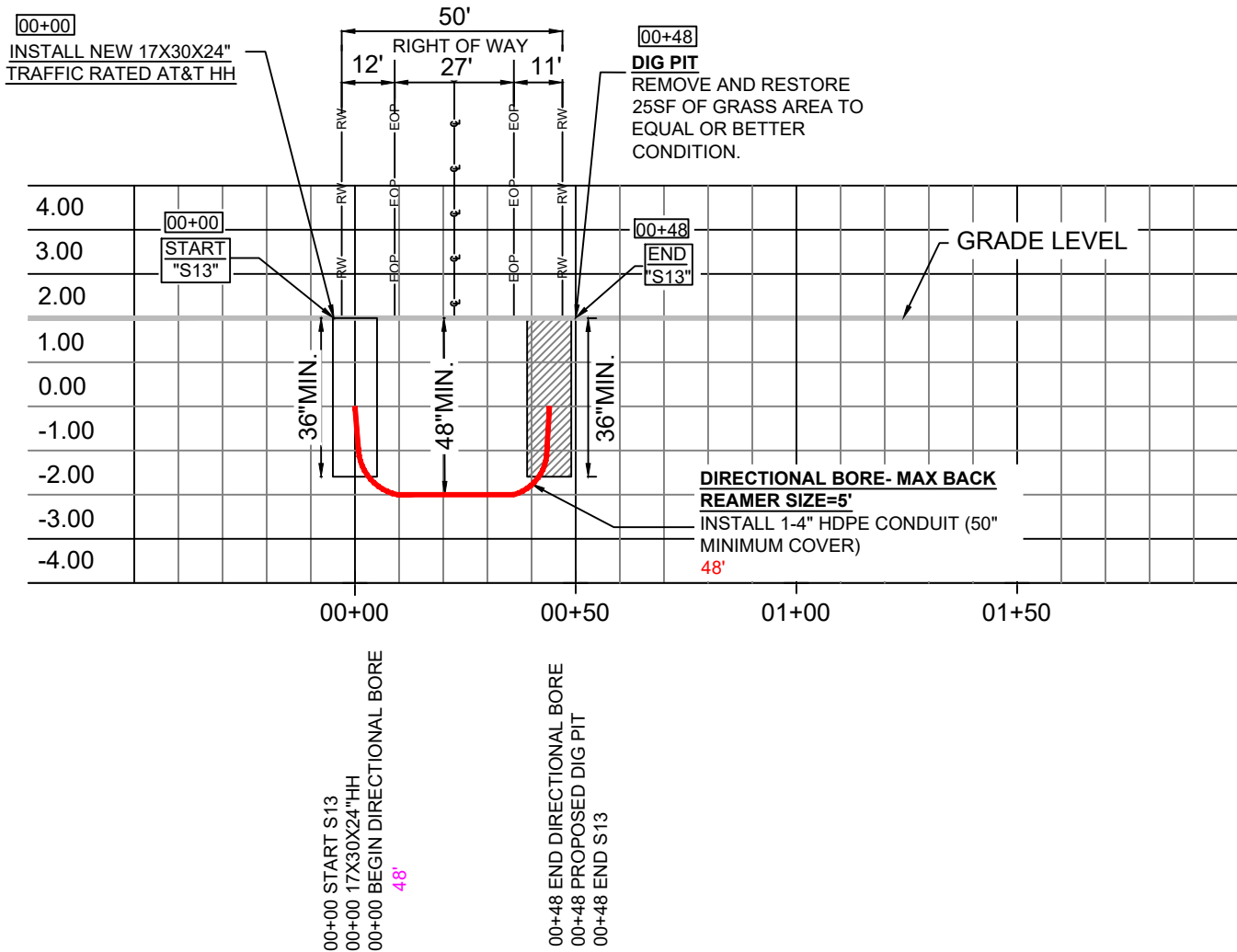
COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.# 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 023 OF 040

CROSS SECTION -VIEW "S13"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

HIGHLAND BEACH DR
LOOKING: WEST



NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



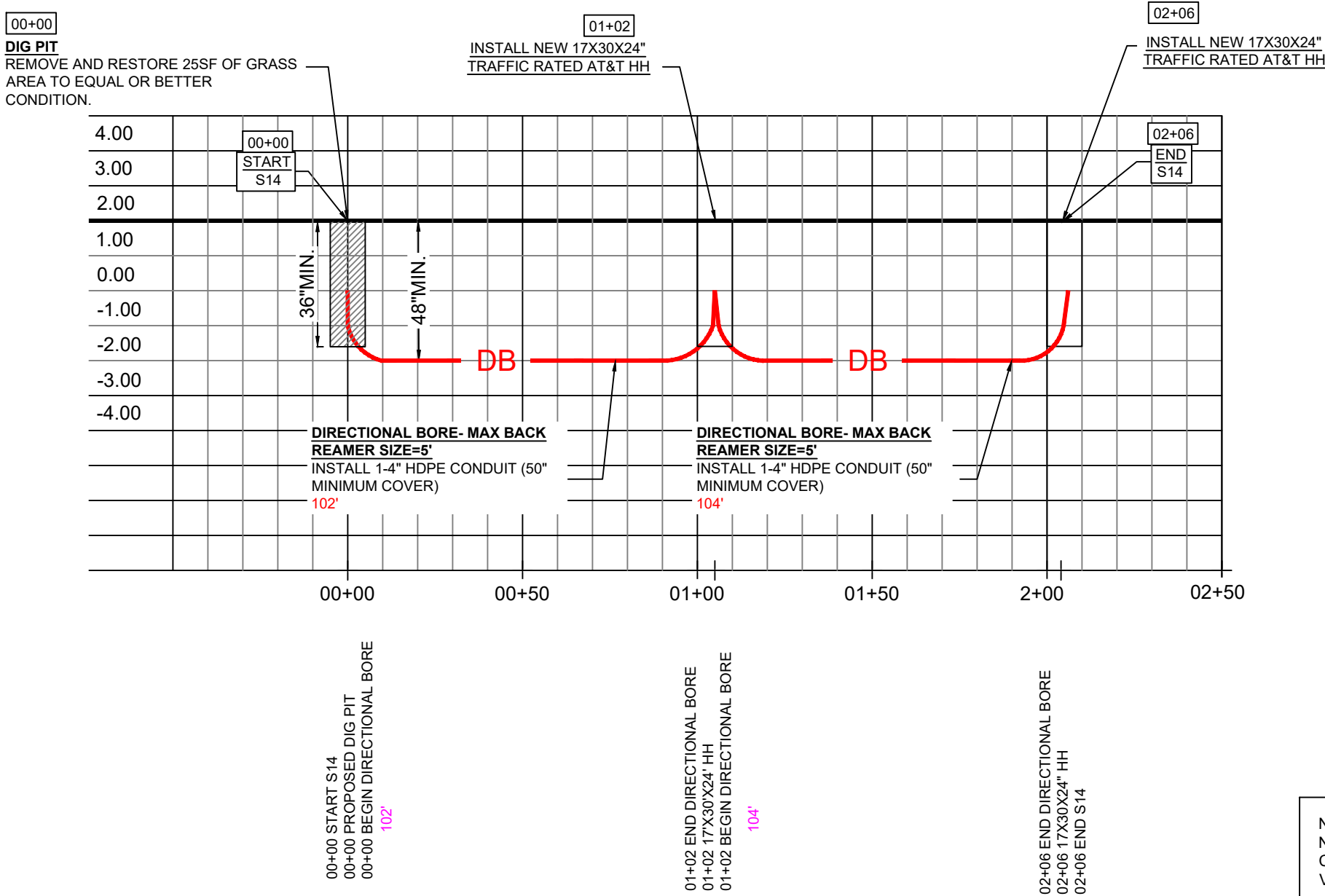
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CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:			4300 A1A		
ENGINEER:			HERNANDEZ, JAVIER		
			ENG. PH. #: 305-929-2166		
JOB NUMBER:			CFAS PROJECT NUMBER:		
1W842020N			A029ELL		
FILE NAME:					
1W842020N_4300 A1A					
SCALE:		PAGE:		OF:	
1:40		024		040	

PROFILE VIEW 'S14'- A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1' =10'

A1A
LOOKING: WEST



NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE: FLORIDA DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272 WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

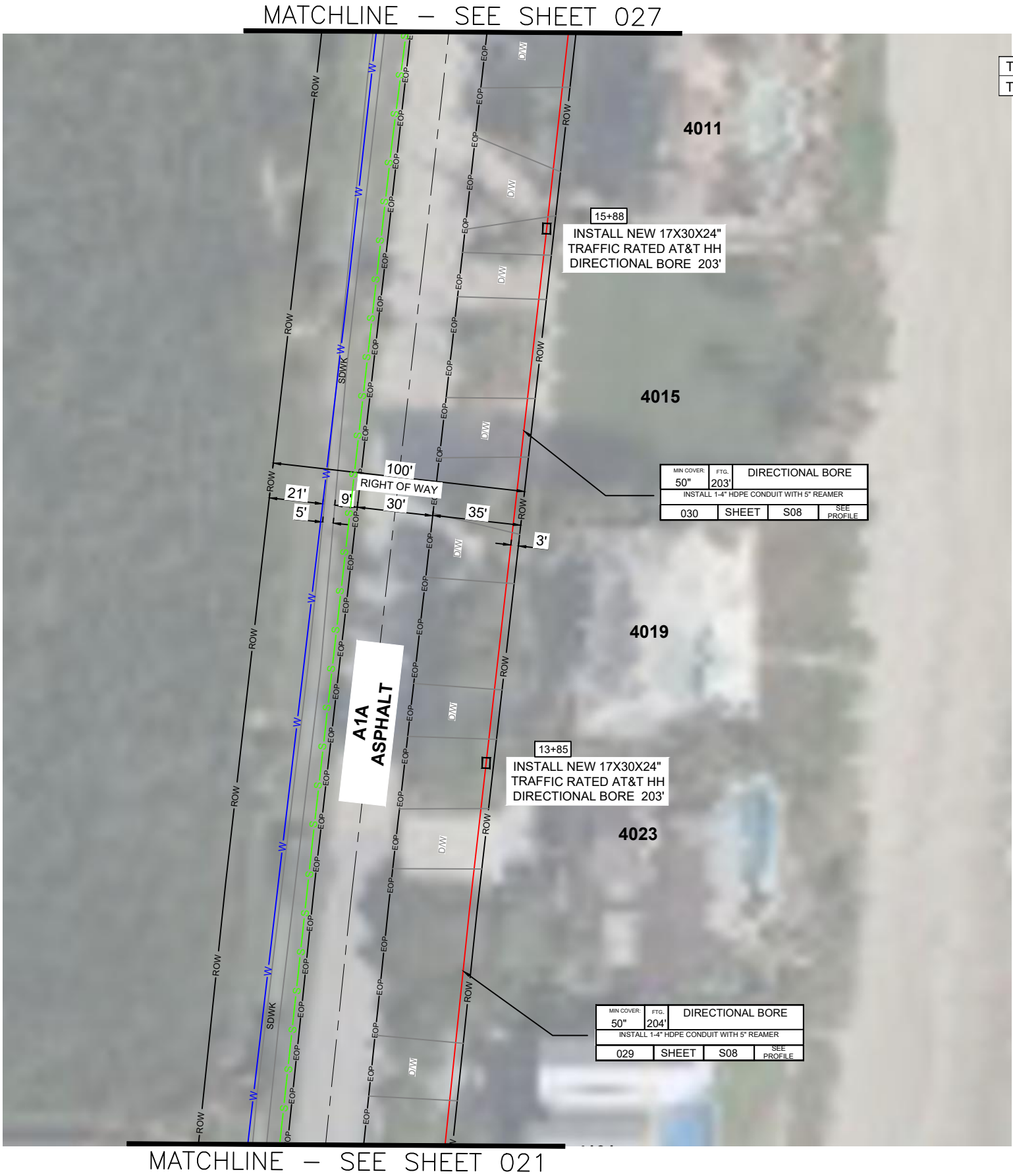
PROJECT ADDRESS:
4300 A1A

ENGINEER: HERNANDEZ, JAVIER ENG. PH.# 305-929-2166

JOB NUMBER: 1W842020N CFAS PROJECT NUMBER: A029ELL

FILE NAME:
1W842020N_4300 A1A

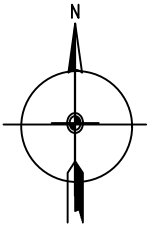
SCALE: 1:40 PAGE: 025 OF 040



MATCHLINE – SEE SHEET 021

PB:	25/97
PB:	25/154
PB:	49/107

TOTAL PAGE FOOTAGE:	440'
TOTAL UNDER PAVEMENT:	0'



ATTSE

PERMITTING

JURISDICTION:
* FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

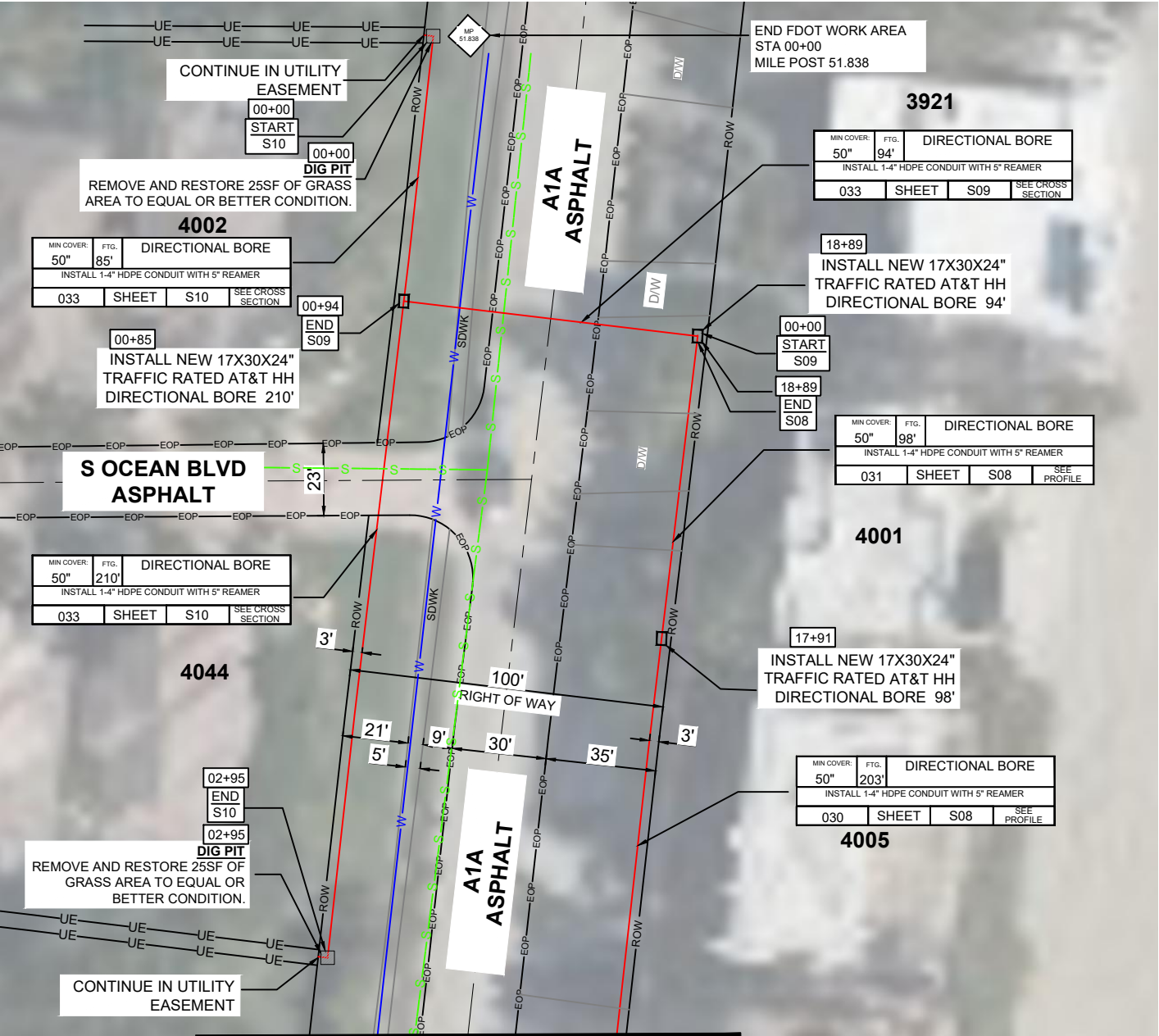
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03/21/2022	ORIGINAL SUBMITTAL	MT

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	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04

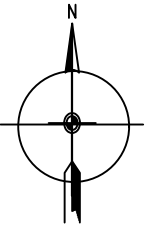
PROJECT ADDRESS:		
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ENGINEER:	HERNANDEZ, JAVIER	ENG. PH. # 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME:	1W842020N_4300 A1A	
SCALE:	1:50	PAGE: 026 OF 040

PB:	25/97
PB:	25/154
PB:	49/107

TOTAL PAGE FOOTAGE:	613'
TOTAL UNDER PAVEMENT:	53'



MATCHLINE – SEE SHEET 026



ATTSE

PERMITTING

JURISDICTION:	
• FDOT	

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



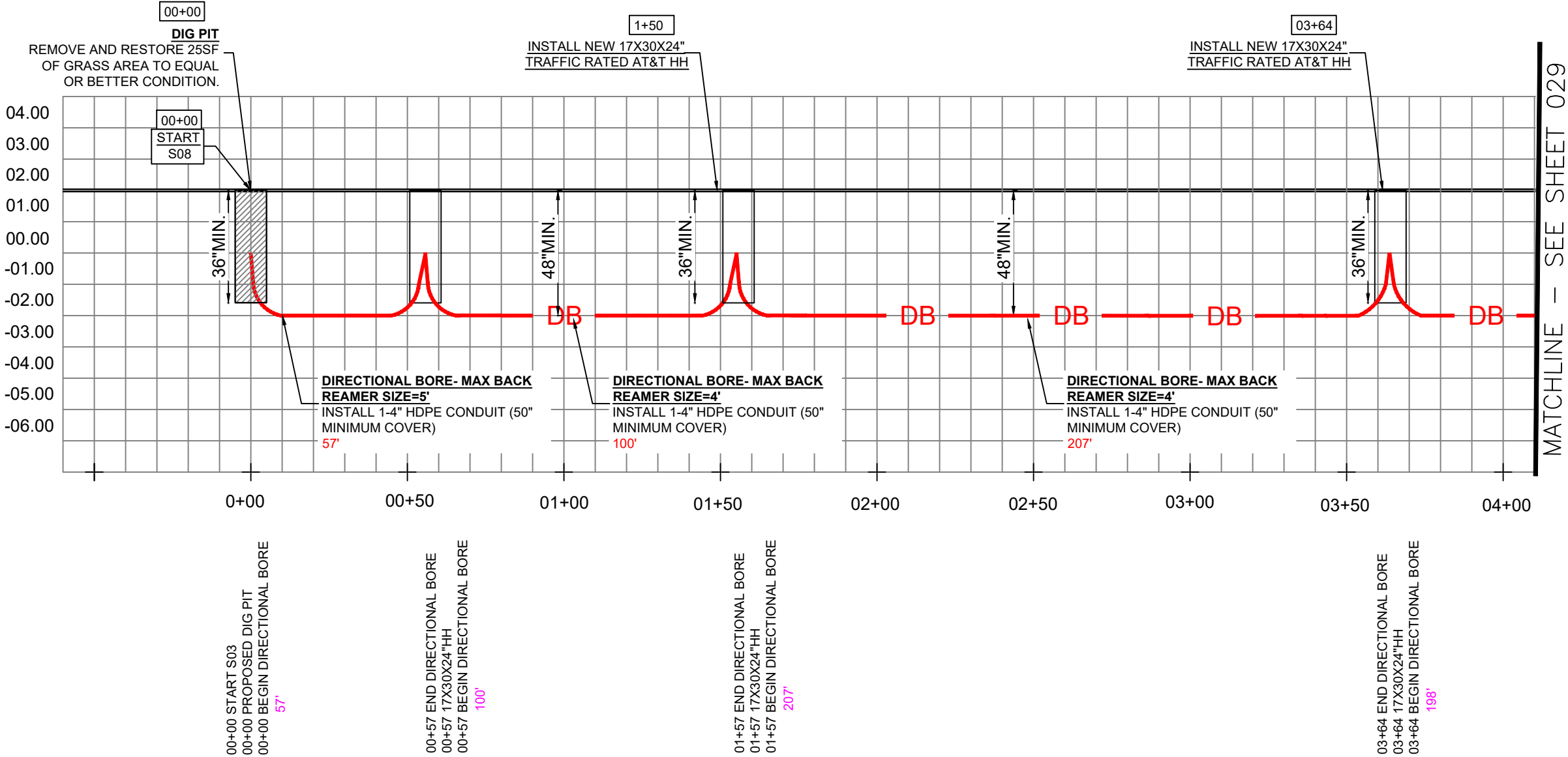
COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:		4300 A1A	
ENGINEER:	HERNANDEZ, JAVIER	ENG PH #:	305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER:	A029ELL
FILE NAME:	1W842020N_4300 A1A		
SCALE:	1:50	PAGE:	027 OF 040

PROFILE VIEW 'S08' - A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1"=10"

A1A
LOOKING: WEST



NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE: FLORIDA DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272 WIRE CENTER: DLBFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



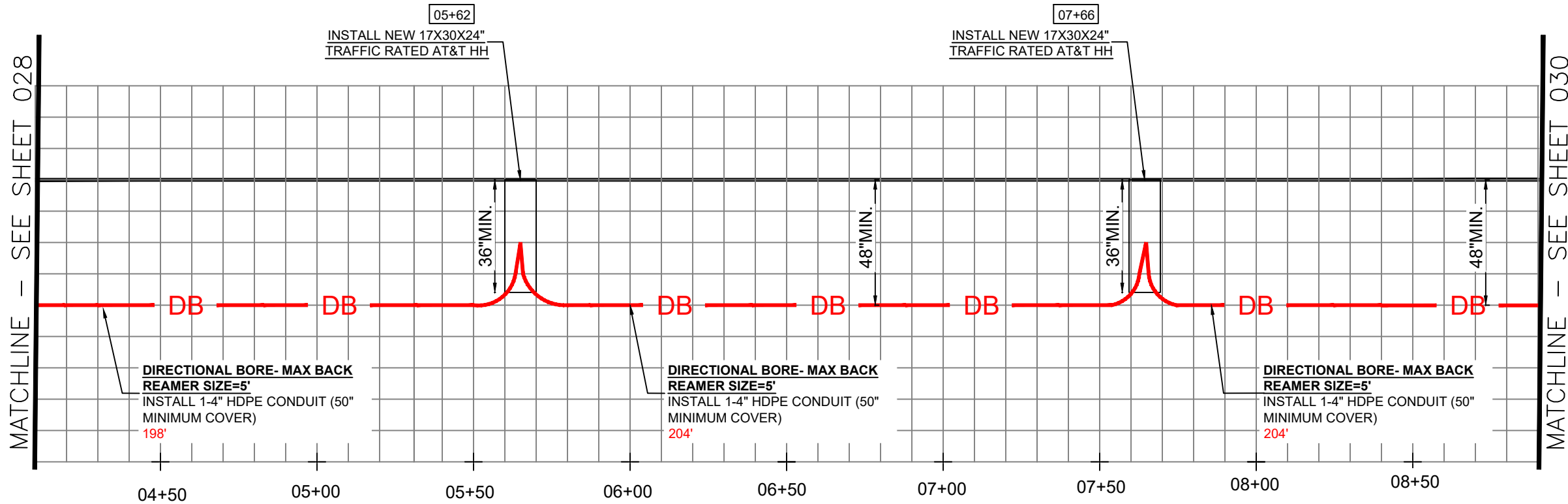
COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS: 4300 A1A
ENGINEER: HERNANDEZ, JAVIER ENG. PH. # 305-929-2166
JOB NUMBER: 1W842020N CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A
SCALE: 1:40 PAGE: 028 OF: 040

PROFILE VIEW 'S08' - A1A

HORIZONTAL SCALE 1' = 10'
VERTICAL SCALE 1" = 10"

A1A
LOOKING: WEST



05+62 END DIRECTIONAL BORE
05+62 17X30X24"HH
05+62 BEGIN DIRECTIONAL BORE
204'

07+66 END DIRECTIONAL BORE
07+66 17X30X34"HH
07+66 BEGIN DIRECTIONAL BORE

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:

★ FDOT

STATE:
FLORIDA

DISTRICT:
HIGHLAND BEACH

EXCHANGE:
561272

WIRE CENTER:
DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



Know what's **below**.
Call before you dig.

COUNTY:
PALM BEACH

CITY:
HIGHLAND BEACH

TOWNSHIP:
47S

RANGE:
43E

SECTION:
04

PROJECT ADDRESS:
4300 A1A

ENGINEER:	ENG PH #
HERNANDEZ, JAVIER	305-929-2166

JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
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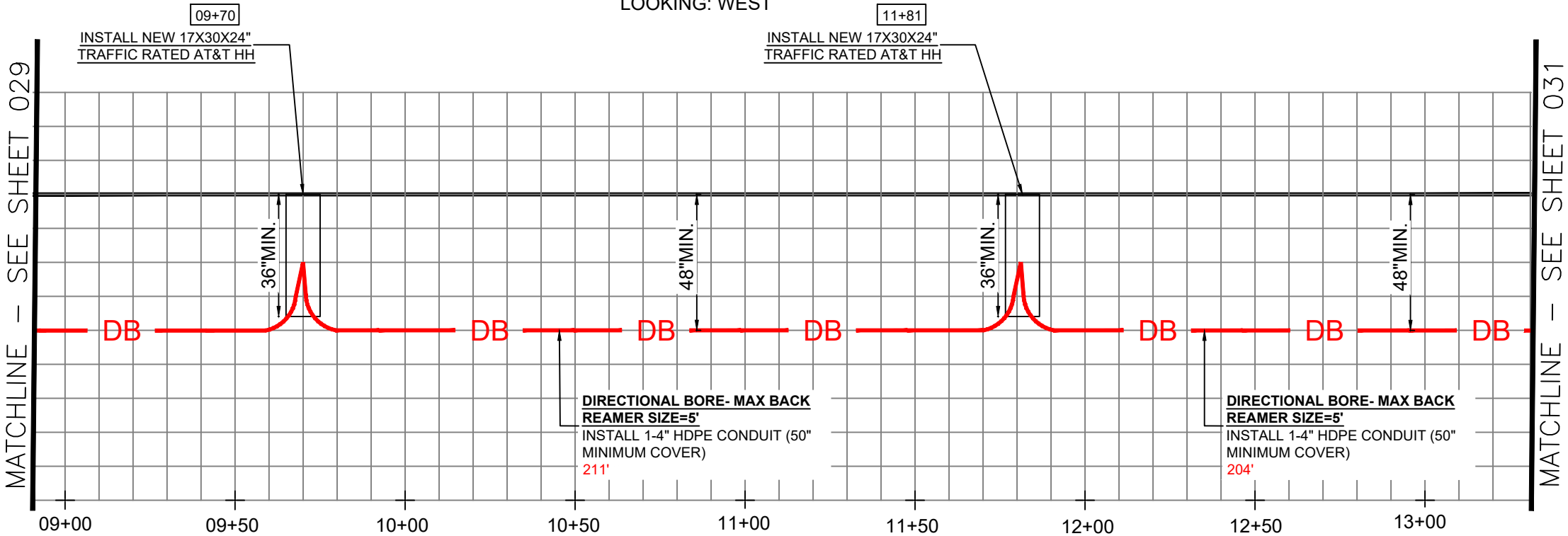
FILE NAME:
1W842020N_4300 A1A

SCALE:	1:40	PAGE:	029	OF:	040
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PROFILE VIEW 'S08' - A1A

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1" =10"

A1A
LOOKING: WEST



09+70 END DIRECTIONAL BORE
09+70 17X30X24"HH
09+70 BEGIN DIRECTIONAL BORE
211'

11+81 END DIRECTIONAL BORE
11+81 17X30X24"HH
11+81 BEGIN DIRECTIONAL BORE
204'

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



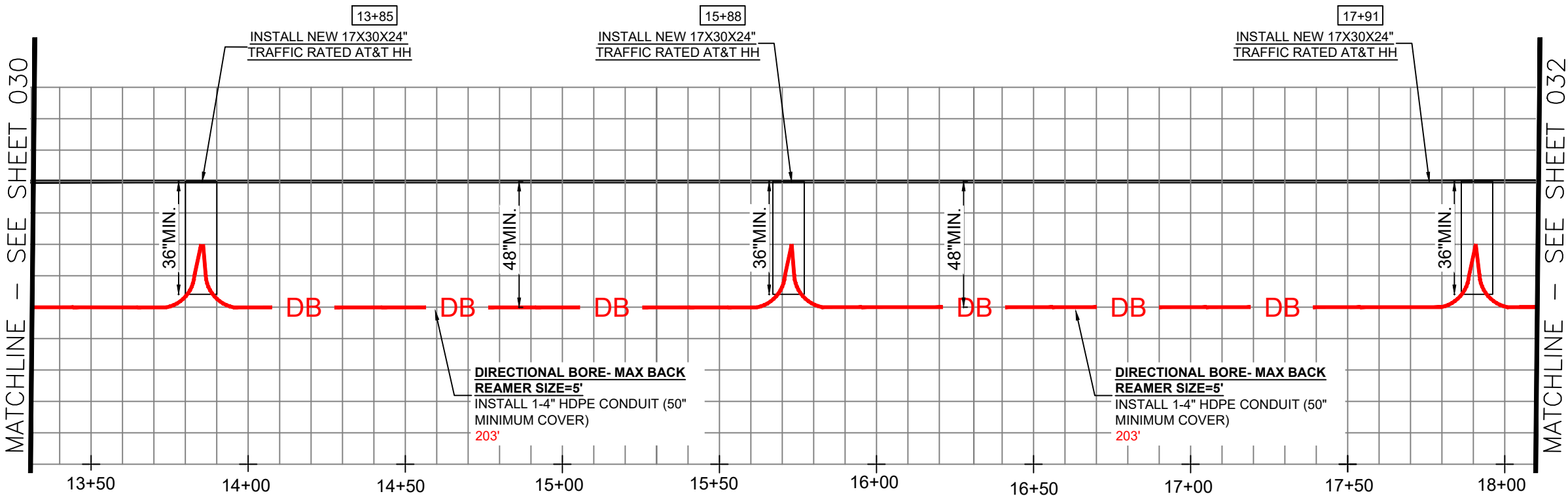
COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:			4300 A1A		
ENGINEER:			HERNANDEZ, JAVIER		
			ENG. PH. #: 305-929-2166		
JOB NUMBER:			CFAS PROJECT NUMBER:		
1W842020N			A029ELL		
FILE NAME:					
1W842020N_4300 A1A					
SCALE:		PAGE:		OF:	
1:40		030		040	

PROFILE VIEW 'S08' - A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1"=10"

A1A
LOOKING: WEST



13+85 END DIRECTIONAL BORE
13+85 17X30X24"HH
13+85 BEGIN DIRECTIONAL BORE
203'

15+88 END DIRECTIONAL BORE
15+88 17X30X24"HH
15+88 BEGIN DIRECTIONAL BORE
203'

17+91 END DIRECTIONAL BORE
17+91 17X30X24"HH
17+91 BEGIN DIRECTIONAL BORE
98'

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:
* FDOT

STATE: FLORIDA DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272 WIRE CENTER: DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



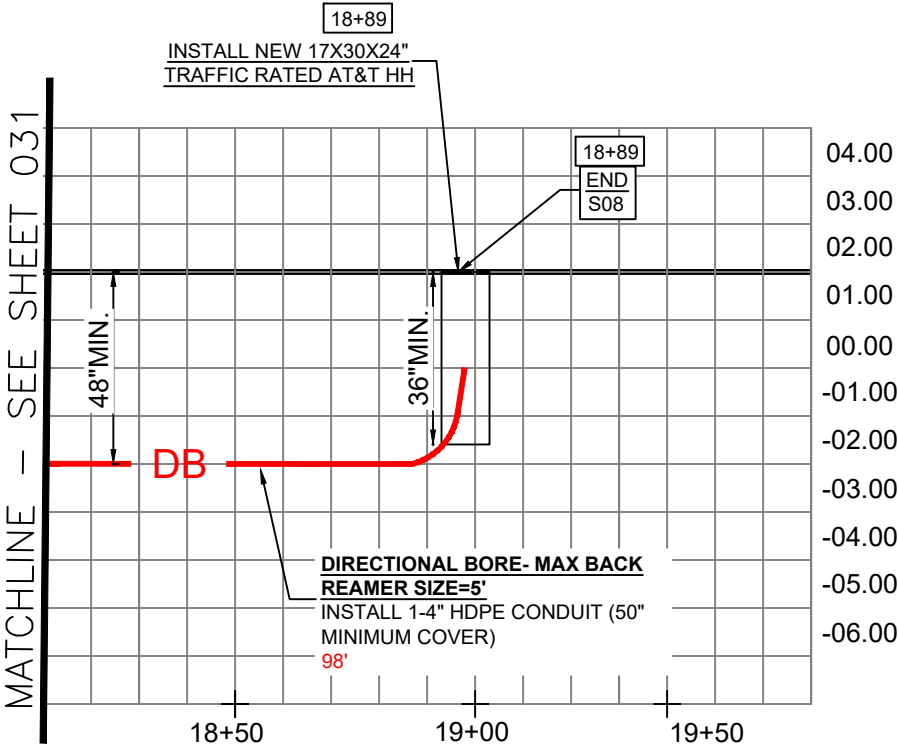
COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS: 4300 A1A
ENGINEER: HERNANDEZ, JAVIER ENG. PH.# 305-929-2166
JOB NUMBER: 1W842020N CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A
SCALE: 1:40 PAGE: 031 OF: 040

PROFILE VIEW 'S08' - A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

A1A
LOOKING: WEST



19+06 END S08
19+06 30X48X36\"/>

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:
* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

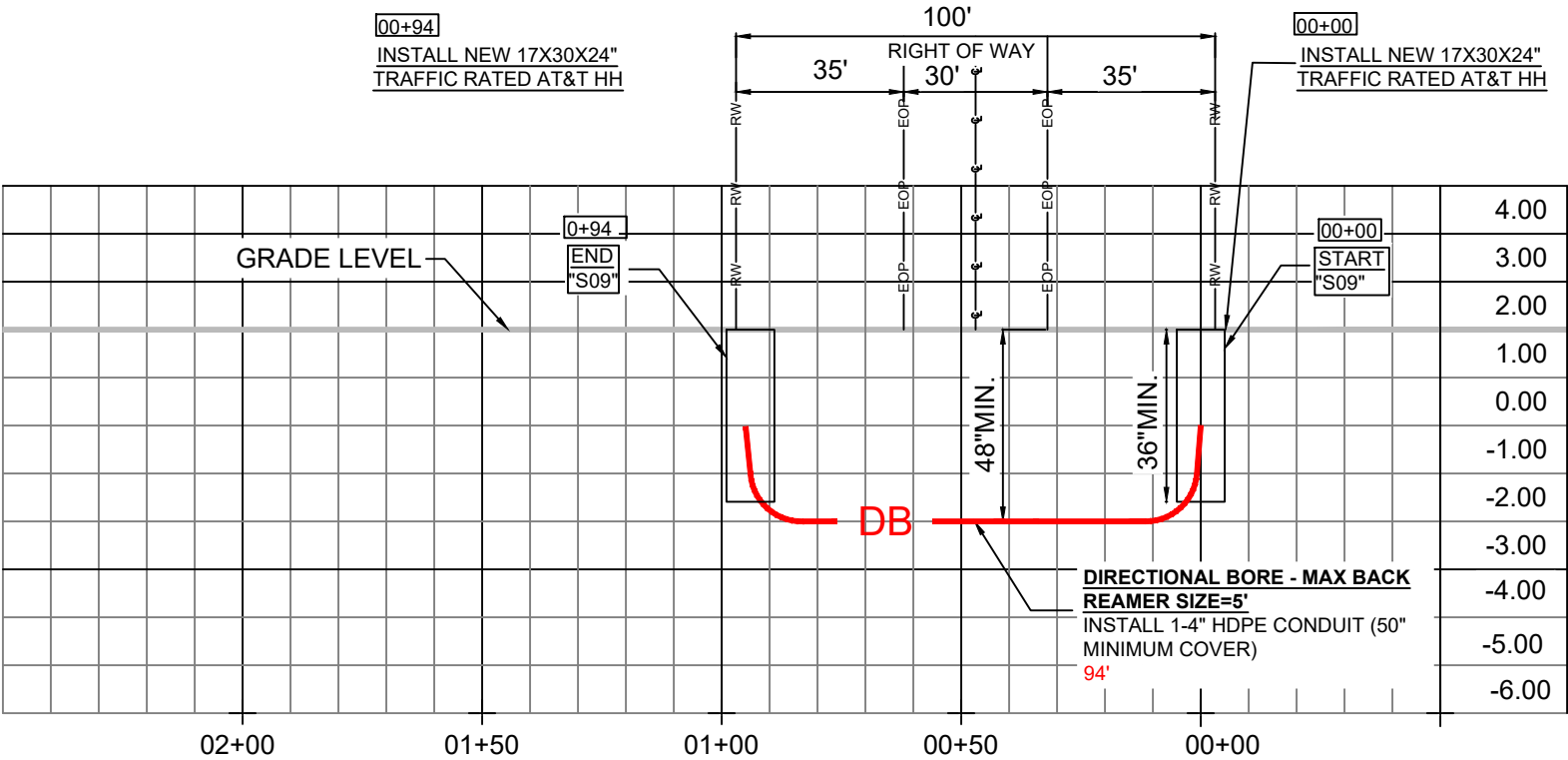
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03/21/2022	ORIGINAL SUBMITTAL	MT

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	CITY: HIGHLAND BEACH
	TOWNSHIP: 47S
	RANGE: 43E
	SECTION: 04
PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 032 OF 040

CROSS SECTION- VIEW "S09"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

A1A
LOOKING: NORTH



00+94 END DIRECTIONAL BORE
00+94 17X30X24\"/>

00+00 START S09
00+00 17X30X24\"/>

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE


PERMITTING

JURISDICTION:
* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHLMA

REVISIONS/APPROVALS

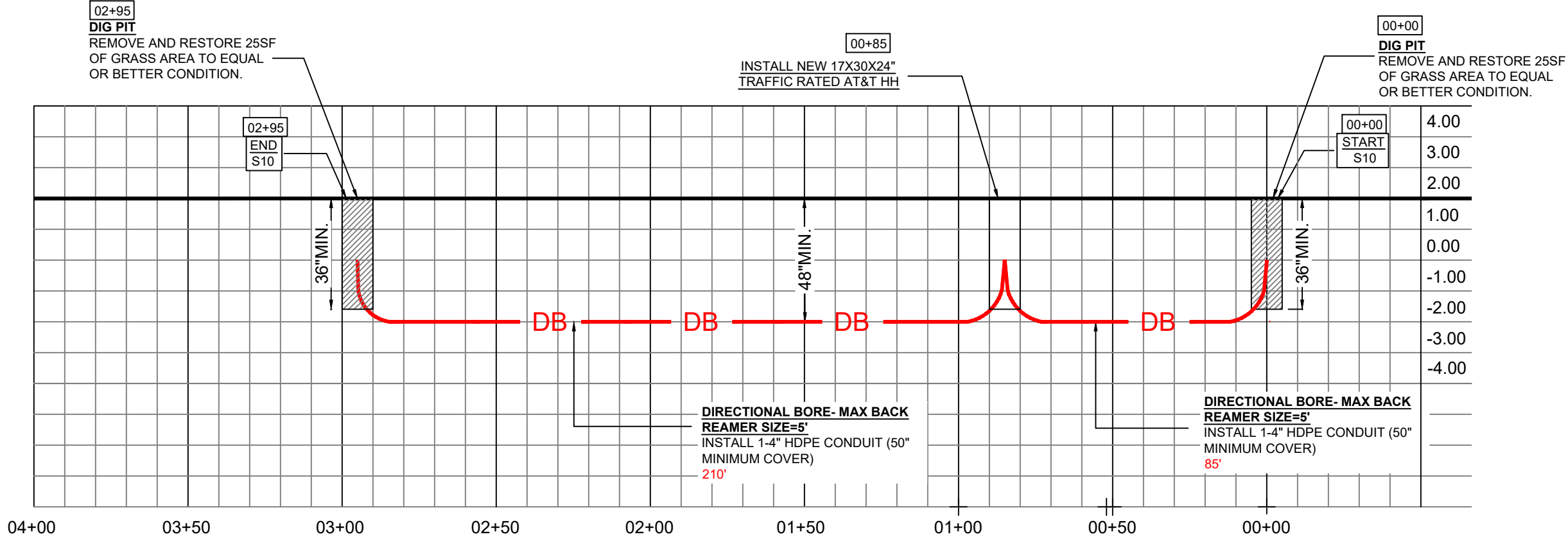
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

 Know what's below. Call before you dig.	COUNTY: PALM BEACH
	CITY: HIGHLAND BEACH
	TOWNSHIP: 47S
	RANGE: 43E
	SECTION: 04
PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 033 OF 040

PROFILE VIEW"S10" - A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

A1A
LOOKING: WEST



ATTSE

PERMITTING


JURISDICTION:

* FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

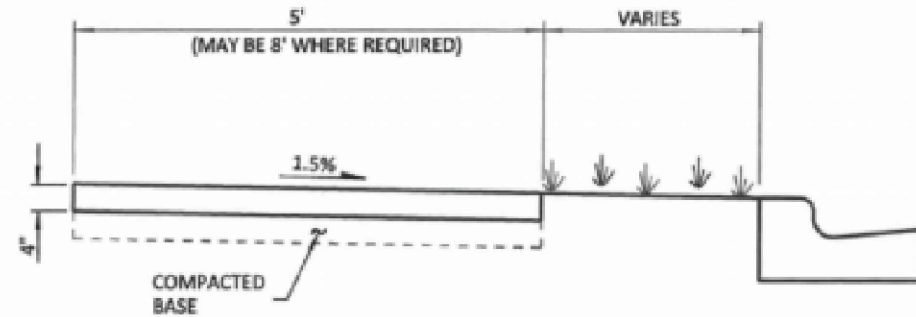
REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

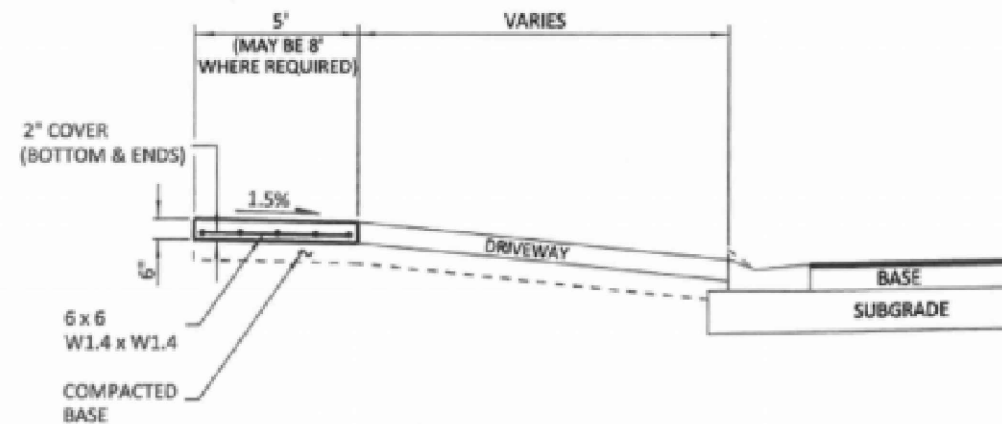
 Know what'sbelow. Call before you dig.	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04

PROJECT ADDRESS:		
4300 A1A		
ENGINEER:	HERNANDEZ, JAVIER	ENG. PH. # 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME:	1W842020N_4300 A1A	
SCALE:	1:40	PAGE: 034 OF 040

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.



STANDARD SECTION



DRIVEWAYS (RESIDENTIAL AND NON-RESIDENTIAL AREAS)

NOTES:

1. SIDEWALKS TO BE PORTLAND CEMENT CONCRETE, MIN. 2500 P.S.I. @ 28 DAYS.
2. BASE TO BE A MINIMUM 4 INCHES OF CLEAN SAND OR SANDY LOAM, FULLY COMPACTED, FULL WIDTH.
3. SIDEWALKS TO BE BROOM FINISHED WITH EVEN, DUSTLESS SURFACE.
4. MAXIMUM LONGITUDINAL SLOPE IS 1.0%
5. SIDEWALK THICKNESS TO BE 6 INCHES MINIMUM IN ALL AREAS SUBJECT TO VEHICULAR TRAFFIC.

FILEPATH: P:\DGN\ENG SER\LAND DEVELOPMENT STANDARDS\DWG FORMAT\400.1A

PALM BEACH COUNTY DEPARTMENT
OF ENGINEERING & PUBLIC WORKS

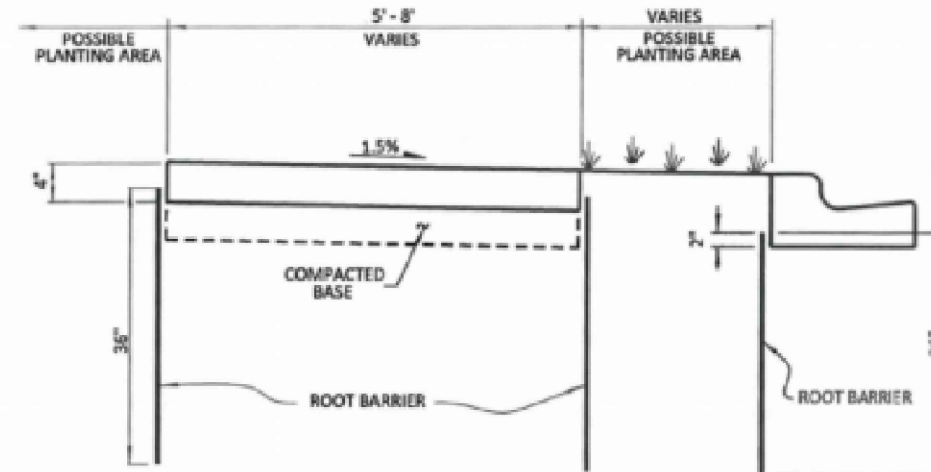
PATHWAY:
CONCRETE SIDEWALK

DRAWING NO.

400.1

DRAWN BY:	DATE:	REVISED BY:	DATE:
K.L.	05/23/90	J.M.K.	02/01/2018

APPROVED: *[Signature]* EFFECTIVE: 2/9/18
COUNTY ENGINEER OR DESIGNEE



STANDARD SECTION

NOTES:

1. ROOT BARRIER IS REQUIRED FOR LOCATIONS WHERE TREE(S) AND/OR ASSOCIATED ROOTS ARE LOCATED WITHIN 10 FT. OF A REQUIRED IMPROVEMENT.
2. ROOT BARRIER MATERIAL SHALL BE HDPE OR AS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
3. ROOT BARRIER INSTALLED 15 FT. ON CENTER OF TREE(S) AND/OR ROOTS.

FILEPATH: P:\DGN\ENG SER\LAND DEVELOPMENT STANDARDS\DWG FORMAT\400.1B

PALM BEACH COUNTY DEPARTMENT
OF ENGINEERING & PUBLIC WORKS

PATHWAY:
WITH ROOT BARRIER

DRAWING NO.

400.2

DRAWN BY:	DATE:	REVISED BY:	DATE:
K.L.	10/03/2017	J.M.K.	02/01/2018

APPROVED: *[Signature]* EFFECTIVE: 2/9/18
COUNTY ENGINEER OR DESIGNEE

ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE:	DISTRICT:
FLORIDA	HIGHLAND BEACH
EXCHANGE:	WIRE CENTER:
561272	DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

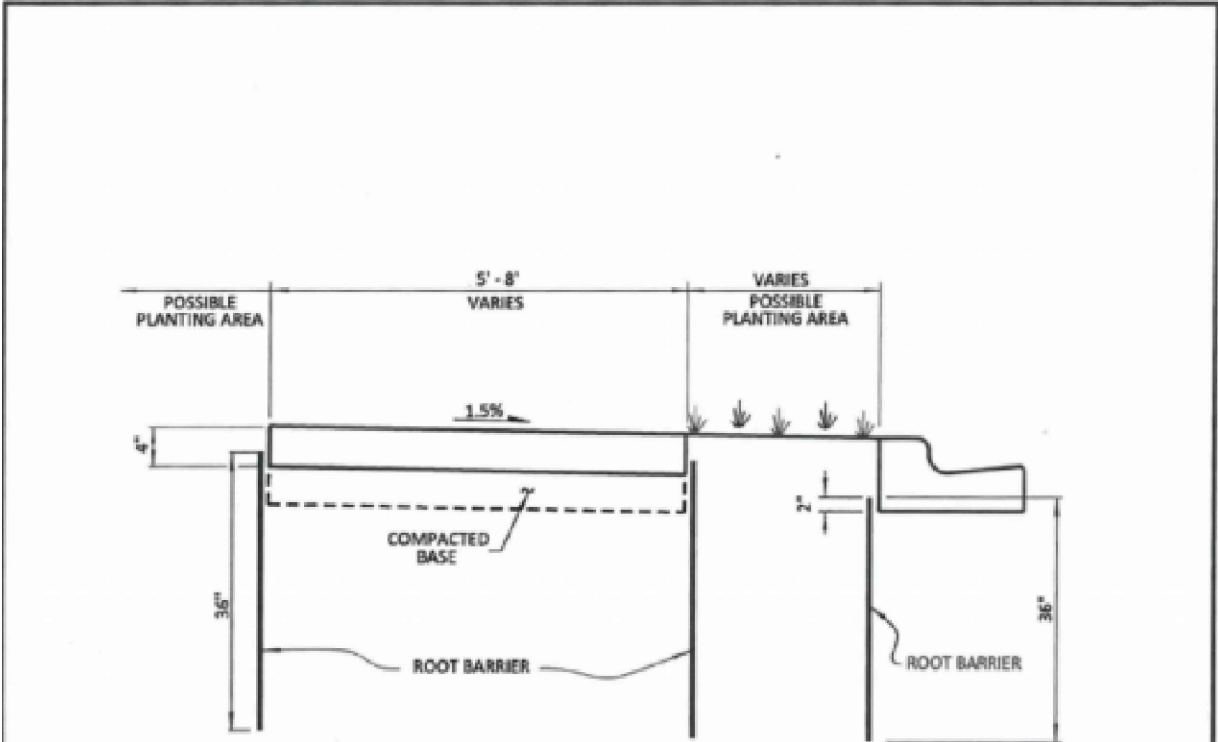


Know what's below.
Call before you dig.

COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:
4300 A1A

ENGINEER:	HERNANDEZ, JAVIER	ENG. PH. #:	305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER:	A029ELL
FILE NAME:	1W842020N_4300 A1A		
SCALE:	AS SHOWN	PAGE:	035 OF 040



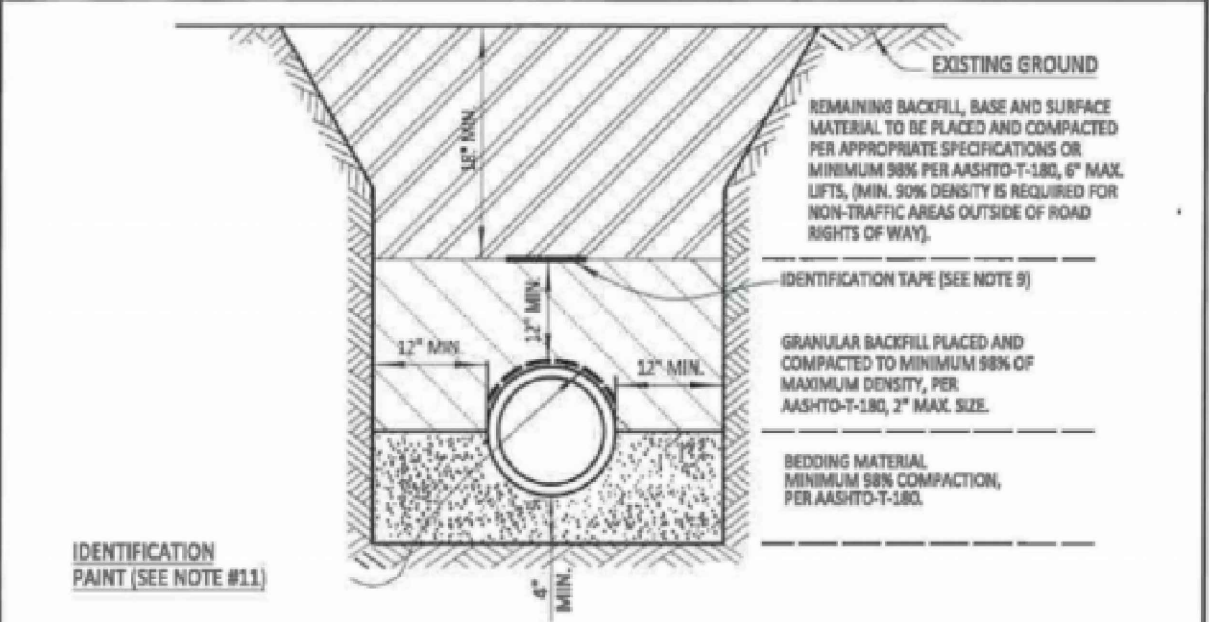
STANDARD SECTION

NOTES:

1. ROOT BARRIER IS REQUIRED FOR LOCATIONS WHERE TREE(S) AND/OR ASSOCIATED ROOTS ARE LOCATED WITHIN 10 FT. OF A REQUIRED IMPROVEMENT".
2. ROOT BARRIER MATERIAL SHALL BE HDPE OR AS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
3. ROOT BARRIER INSTALLED 15 FT. ON CENTER OF TREE(S) AND/OR ROOTS.

FILEPATH: P:\DGN\ENG_SER\LAND DEVELOPMENT STANDARDS\DWG FORMAT\400.1B

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				PATHWAY WITH ROOT BARRIER		DRAWING NO. 400.2
DRAWN BY:	DATE:	REVISED BY:	DATE:	APPROVED:	EFFECTIVE:	
K.L.	10/03/2017	J.M.K.	02/01/2018	<i>[Signature]</i>	3/9/18	
				COUNTY ENGINEER OR DESIGNEE		



IDENTIFICATION PAINT (SEE NOTE #11)

NOTES:

1. BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMEROCK 3/8" - 7/8" SIZING WITH EQUAL OR GREATER STRUCTURAL ADEQUACY AS EXISTING. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED.
2. THE PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
3. THE PIPE SHALL BE PLACED IN A DRY TRENCH.
4. BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGE ROCK, MUCK AND DEBRIS.
5. DENSITY TESTS SHALL BE TAKEN IN 1 FOOT LIFTS ABOVE THE PIPE AT INTERVALS OF 400' MAXIMUM, (MINIMUM 1 SET) OR AS DIRECTED BY THE CONSTRUCTION COORDINATION DIVISION. RESULTS SHALL BE SUBMITTED TO CONSTRUCTION COORDINATION AS PART OF THEIR FIELD REVIEW.
6. THE PERMITTEE/DEVELOPER/CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH ALL TRENCH SAFETY LAWS AND REGULATIONS.
7. SEE SEPARATE DETAIL FOR PAVED AREAS (OPEN CUT FOR THOROUGHFARE AND NON-THOROUGHFARE ROADS).
8. THE AFFECTED AREA SHALL BE RESTORED TO EQUAL OR BETTER CONDITION OR AS SPECIFIED IN PERMIT/CONTRACT DOCUMENTS.
9. APPROVED MAGNETIC TAPE IS REQUIRED FOR ALL MAIN PRESSURE PIPES AND CONDUIT IN THE COUNTY'S RIGHT-OF-WAY. INSTALL TAPE 18" BELOW FINISHED GRADE.
10. ROOT BARRIER IS REQUIRED FOR APPROVED PIPE INSTALLATION CLOSER THAN 10 FEET FROM AN EXISTING TREE. SEE SEPARATE DETAIL FOR ROOT BARRIER.
11. CONTINUOUS 4" WIDE PAINT STRIPING IS REQUIRED FOR DIP/PCCP WATER MAINS (BLUE), DIP SANITARY FORCE MAINS (GREEN), DIP RECLAIMED WATER MAINS (PURPLE), GAS MAINS (YELLOW), OR AS REQUIRED BY THE APWA.
12. PERMANENT ABOVE GROUND UTILITY MARKER SHALL BE INSTALLED IF REQUIRED.

FILEPATH: P:\DGN\ENG_SER\LAND DEVELOPMENT STANDARDS\1.DGN

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				TYPICAL TRENCH DETAIL (NON-PAVED AREAS)		DRAWING NO. 1
DRAWN BY:	DATE:	REVISED BY:	DATE:	APPROVED:	EFFECTIVE:	
K.L.	05/23/90	J.M.K.	02/01/2018	<i>[Signature]</i>	4/27/18	
				COUNTY ENGINEER OR DESIGNEE		

ATTSE

PERMITTING


JURISDICTION:

- FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

 Know what's below. Call before you dig.	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04

PROJECT ADDRESS:		4300 A1A
ENGINEER:	HERNANDEZ, JAVIER	ENG PH# 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME:	1W842020N_4300 A1A	
SCALE:	AS SHOWN	PAGE: 036 OF: 040

3048

OLDCASTLE POLYMER
(formerly H-Series)

COVER

Style: Flush 2-Piece
Material: Polymer Concrete
Model: 30" x 48"
Weight: Tier 15: 110 lbs. (per half)
Tier 22: 169 lbs. (per half)
Std. Fasteners: 1/2-13 Stainless Steel Hex Head
Bolt, Washer and Floating Nut
Options: Logos and Special Markings
Surface: Slip Resistant
Performance: ANSI/SCTE-77, Tier 15 or Tier 22*


Cover comes standard with permanent markings for manufacturer, load rating, model size and manufacturing location.

BODY

Material: Polymer Concrete
Model: 30" x 48"
Weight: 18" Depth: 179 lbs.
24" Depth: 223 lbs.
36" Depth: 307 lbs.
Wall Type: Straight
Performance: ANSI/SCTE-77 Tier 22

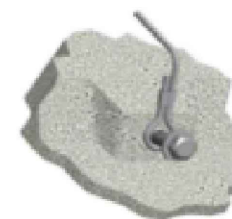
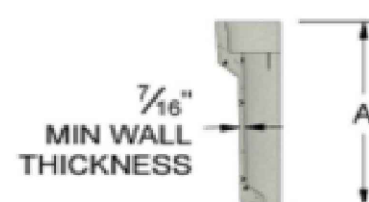
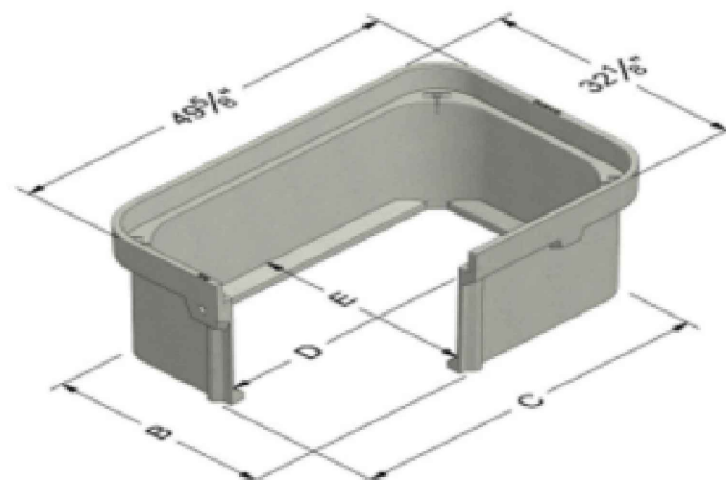
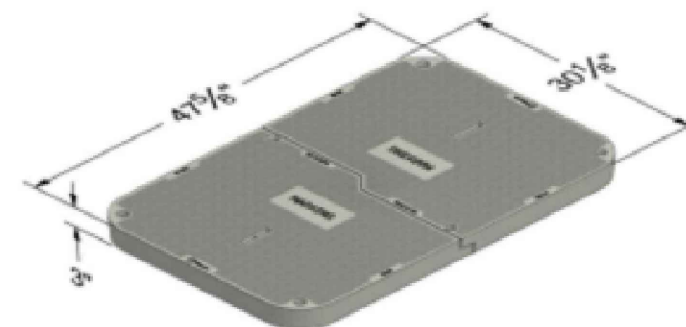
LOAD RATING / NOTES

 MEDIUM DUTY
ANSI/SCTE TIER 15

 HEAVY DUTY
ANSI/SCTE TIER 22

For use in non-vehicular traffic situations only.
Weights and dimensions may vary slightly.
Actual load rating is determined by the box and cover combination.

* Based upon lid and body combination, this unit can be Tier 15 or Tier 22. T22 rating when paired with T22 polymer concrete lid.



1 13/16" FOOTING

	A	B	C	D	E
3048-18	18	29-7/16	46-15/16	44-1/2	27
3048-24	24	29-5/16	46-13/16	44-1/4	26-3/4
3048-36	36	29	46-1/2	44-1/8	26-5/8

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STATE: FLORIDA DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272 WIRE CENTER: DLBHFLLMA

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COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS:
4300 A1A

ENGINEER: HERNANDEZ, JAVIER ENG. P. # 305-929-2166
JOB NUMBER: 1W842020N CFAS / PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A
SCALE: AS SHOWN PAGE: 037 OF: 040

3048

OLDCASTLE POLYMER

(formerly H-Series)

COVER OPTIONS

- Oldcastle Polymer, Flush Solid
- Oldcastle Polymer, Flush 2-Piece
- Oldcastle Polymer, Flush Pedestal Provision
- Steel, Solid



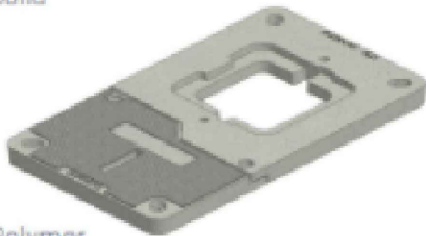
Polymer
Solid



Steel
Solid



Polymer
2-Piece



Polymer
Pedestal Provision

FASTENER OPTIONS

- Hex Head Bolt (A)
- Penta Head Bolt (B)
- Penta Head Coil Thread Bolt (B)
- Oldcastle Vandal Resistant Bolt (C)
- Captive Bolt Retainer



Standard Thread



A



B



C



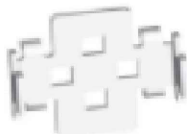
Coil Thread



Bolt Retainer
(for standard thread)

ADD ON OPTIONS

- EMS Marker
- Mouseholes/Knockouts
- Rack Mount
- Cable Racks/Cable Arms
- Unistrut
- Pulling Eye - 1,000 lb and 3,000 lb
- Ground Buss
- Dividers
- Racking Provision
- Lid Gaskets*
- Solid Bottom
- Custom Marking Plate (Polymer)



Rack Mount



Cable Rack
Cable Arm



Unistrut



Pulling Eye



EMS Marker



Ground Buss

* Lid Gaskets inhibit water flow into the box, they do not make enclosure fully waterproof.

WARNING: Cancer - www.P65Warnings.ca.gov

All information contained on this sheet is current at the time of publication.
Oldcastle reserves the right to discontinue or update product information without notice.

Revision 11/09/18
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JURISDICTION:

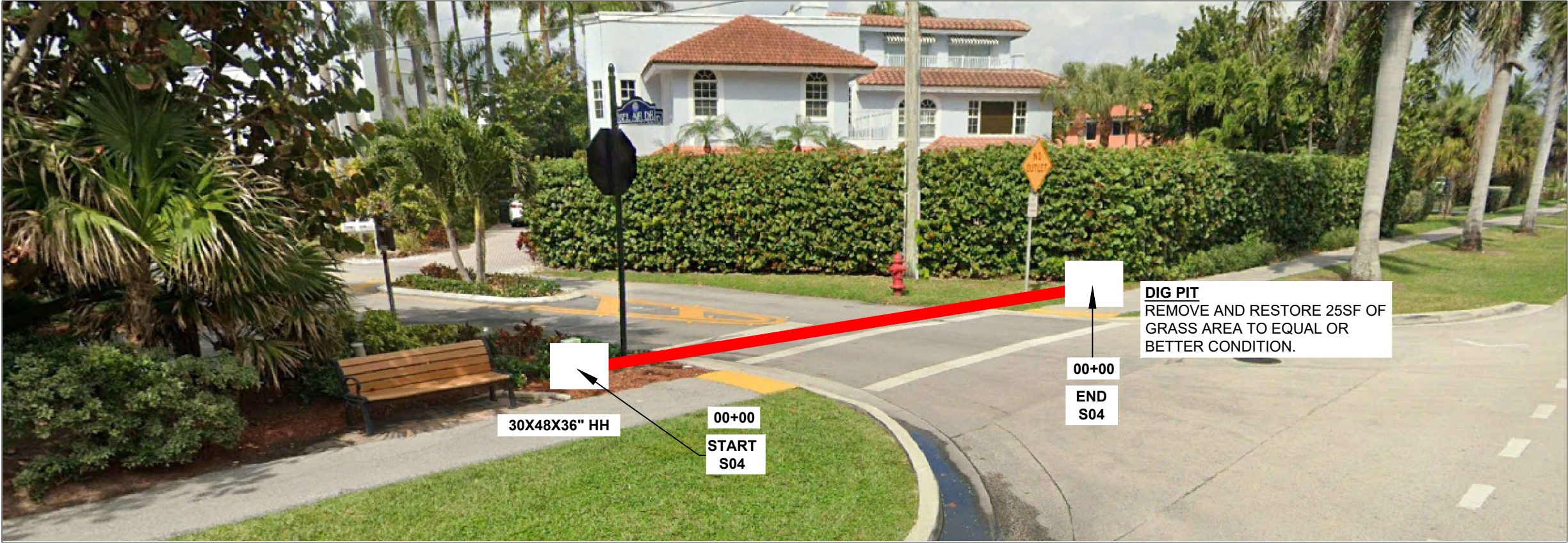
* FDOT

STATE:	DISTRICT:
FLORIDA	HIGHLAND BEACH
EXCHANGE:	WIRE CENTER:
561272	DLBHFLMA

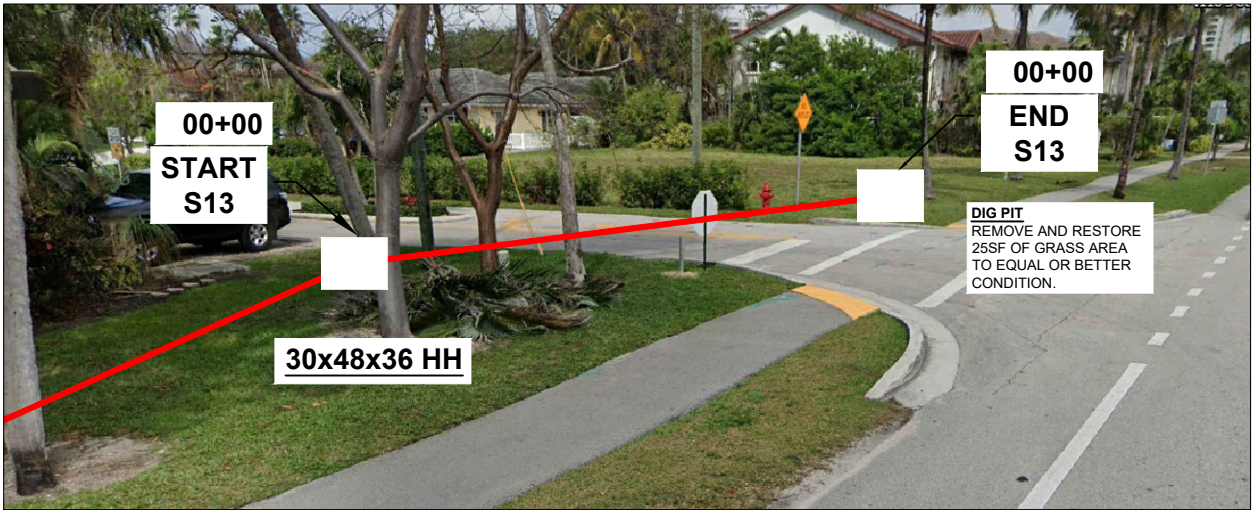
REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
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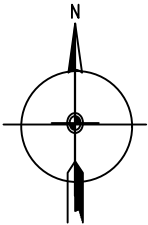
 Know what's below. Call before you dig.	COUNTY:	PALM BEACH
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	SECTION:	04
PROJECT ADDRESS:		
4300 A1A		
ENGINEER:	HERNANDEZ, JAVIER	ENG PE # 305-929-2166
JOB NUMBER:	1W842020N	CPAS PROJECT NUMBER: A029ELL
FILE NAME:	1W842020N_4300 A1A	
SCALE:	AS SHOWN	PAGE: 038 OF: 040



BEL AIR DRIVE



HIGHLAND BEACH DR



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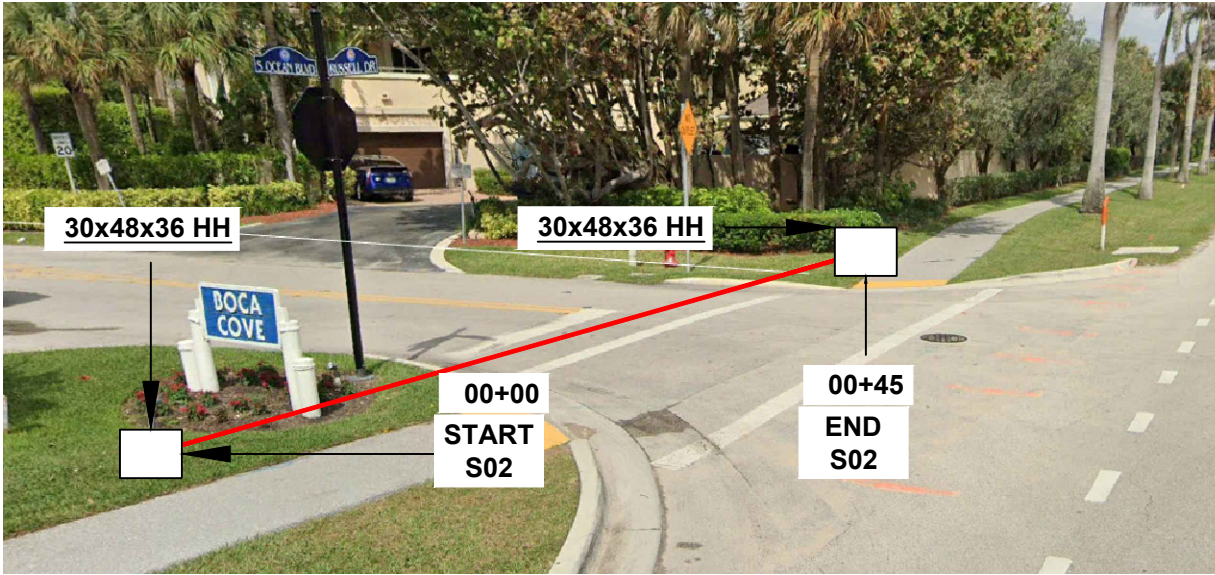
PERMITTING

JURISDICTION:
* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

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	CITY: HIGHLAND BEACH
	TOWNSHIP: 47S
	RANGE: 43E
	SECTION: 04
PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	
JOB NUMBER: 1W842020N	
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 39
OF: 040	



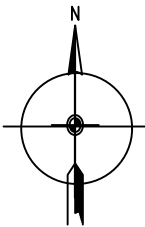
RUSSELL DRIVE



BOCA COVE LN



BEL LIDO DRIVE




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PERMITTING

JURISDICTION:
* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA





REVISIONS/APPROVALS		
DATE	DESCRIPTION	INITIAL
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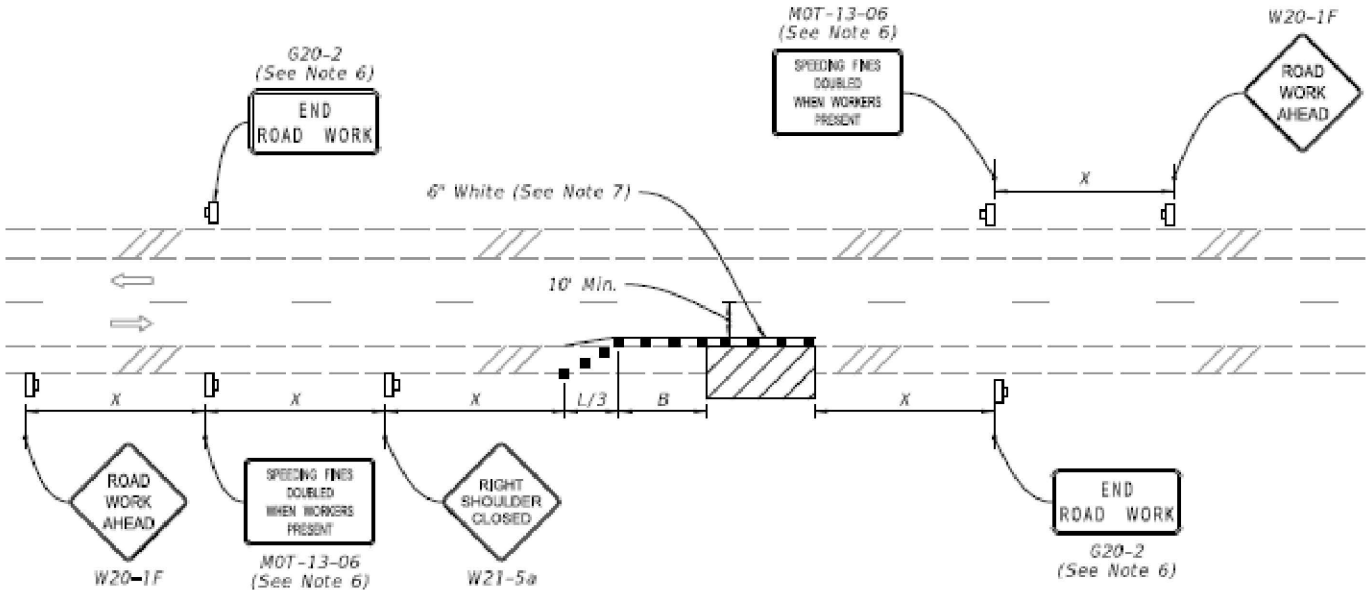
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	CITY: HIGHLAND BEACH
	TOWNSHIP: 47S
	RANGE: 43E
	SECTION: 04
PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	
JOB NUMBER: 1W842020N	
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 40

NOTE:

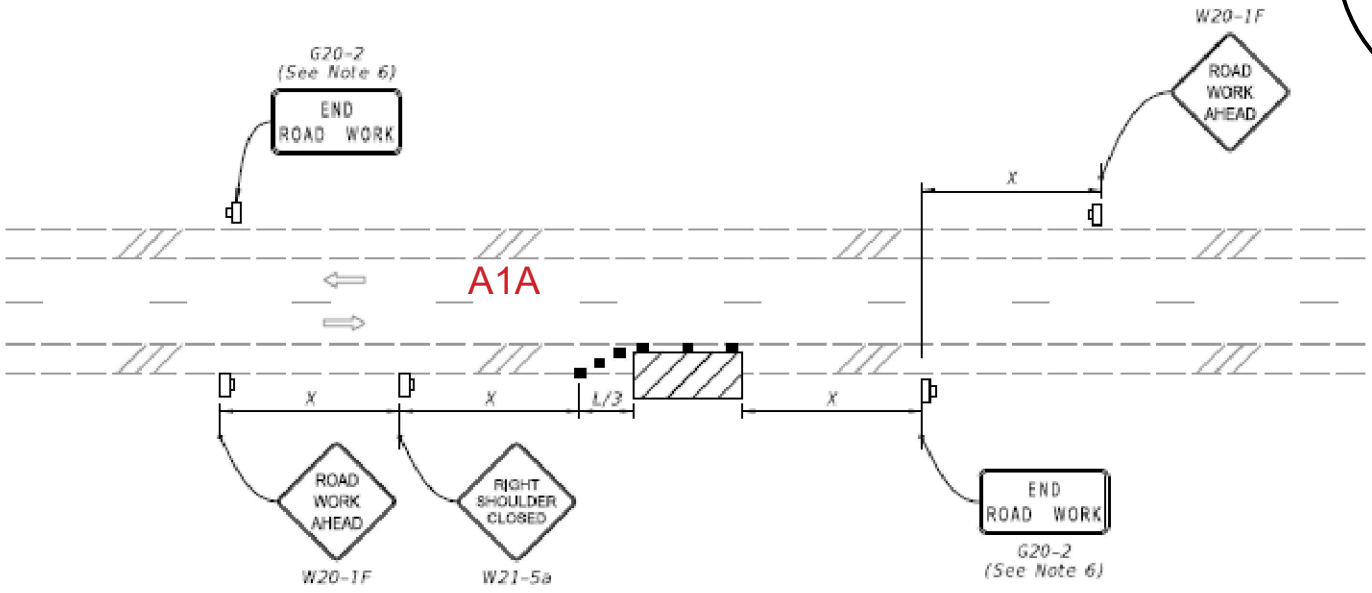
1. This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work on the shoulder.
2. L = Taper Length
 X = Work Zone Sign Spacing
 B = Buffer Length
See Index 102-600 for " L ", " X ", " B ", and channelizing device spacing values.
3. Where work activities are between 2' and 15' from the edge of traveled way, the Engineer may omit signs and channelizing devices for work operations 60 minutes or less.
4. When four or more work vehicles enter the through traffic lanes in a one hour period (excluding establishing and terminating the work area), use a flagger or lane closure to accommodate work vehicle ingress and egress.
5. For work less than 2' from the traveled way and work zone speed is greater than 45 MPH, use a lane closure.
6. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" Signs (G20-2) along with the associated work zone sign spacing distances may be omitted when the work operation is in place for 24 hours or less.
7. Temporary pavement markings may be omitted when the work operation is in place for 3 days or less.
8. Omit "Shoulder Closed" signs (W21-5a) along with associated work zone sign spacing distances for work on the median.
9. When there is no paved shoulder, the "Worker" sign (W21-1) may be used instead of the "Shoulder Closed" sign (W21-5a).

SYMBOLS:

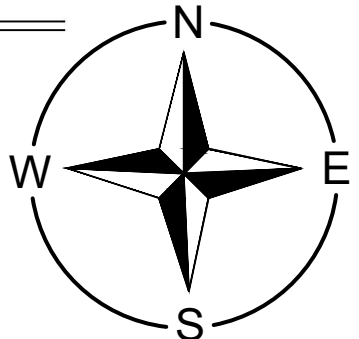
-  Work Area
-  Channelizing Device (See Index 102-600)
-  Work Zone Sign
-  Lane Identification and Direction of Traffic



TWO-LANE ROADWAY
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY
WITH WORK ZONE SPEED OF 45 MPH OR LESS



TWO-LANE ROADWAY
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY



SECTION 555

DIRECTIONAL BORE

555-1 Description.

555-1.1 Scope of Work: The work specified in this Section documents the approved construction methods, procedures and materials for Directional Boring; also commonly called Horizontal Directional Drilling (HDD).

555-1.2 General: HDD is a trenchless method for installing a product that serves as a conduit for liquids, gasses, or as a duct for pipe, cable, or wire line products. It is a multi-stage process consisting of site preparation and restoration, equipment setup, and drilling a pilot bore along a predetermined path and then pulling the product back through the drilled space. When necessary, enlargement of the pilot bore hole may be necessary to accommodate a product larger than the pilot bore hole size. This process is referred to as back reaming and is done at the same time the product is being pulled back through the pilot bore hole.

Accomplish alignment of the bore by proper orientation of the drill bit head as it is being pushed into the ground by a hydraulic jack. Determine orientation and tracking of the drill bit by an above ground radio detection device which picks up a radio signal generated from a transmitter located within the drill bit head. Then electronically translate the radio signal into depth and alignment. In order to minimize friction and prevent collapse of the bore hole, introduce a soil stabilizing agent (drilling fluid) into the annular bore space from the trailing end of the drill bit. The rotation of the bit in the soil wetted by the drilling fluid creates a slurry. The slurry acts to stabilize the surrounding soil and prevent collapse of the bore hole as well as provides lubrication. Select or design drilling fluids for the site specific soil and ground water conditions. Confine free flowing (escaping) slurry or drilling fluids at the ground surface during pull back or drilling. Accomplish this by creating sump areas or vacuum operations to prevent damage or hazardous conditions in surrounding areas. Remove all residual slurry from the surface and restore the site to preconstruction conditions.....

555-6 Documentation Requirements.

555-6.1 Boring Path Report: Furnish a Bore Path Report to the Engineer within seven days of the completion of each bore path. Include the following in the report:

- (a) Location of project and financial project number including the Permit Number when assigned
- (b) Name of person collecting data, including title, position and company name
- (c) Investigation site location (Contract plans station number or reference to a permanent structure within the project right-of-way)
- (d) Identification of the detection method used
- (e) Elevations and offset dimensions as required in 555-4.2

555-6.2 As-Built Plans: Provide the Engineer a complete set of As-Built Plans showing all bores (successful and failed) within 30 calendar days of completing the work. Ensure that the plans are dimensionally correct copies of the Contract plans and include roadway plan and profile, cross-section, boring location and subsurface conditions as

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Eugene Kissner
4/6/2022

directed by the Engineer. The plans must show appropriate elevations and be referenced to a Department Bench Mark when associated with a Department project, otherwise to a USGS grid system and datum, or a specific location on top of an existing Department head wall. Plans must be same scale in black ink on white paper, of the same size and weight as the Contract plans. Submittal of electronic plans data in lieu of hard copy plans is preferred and may be approved by the Engineer if compatible with the Department software. Specific plans content requirements include but may not be limited to the following:

- (a) The Contract plan view shows the center line location of each facility installed, or installed and placed out of service, to an accuracy of 1 inch at the ends and other points physically observed in accordance with the bore path report.
- (b) As directed by the Engineer, provide either a profile plan for each bore path, or a cross-section of the roadway at a station specified by the Engineer, or a roadway centerline profile. Show the ground or pavement surface and crown elevation of each facility installed, or installed and placed out of service, to an accuracy within 1 inch at the ends and other exposed locations. On profile plans for bore paths crossing the roadway show stationing of the crossing on the Contract plans. On the profile plans for the bore paths paralleling the roadway, show the Contract plans stationing. If the profile plan for the bore path is not made on a copy of one of the Contract profile or crosssection sheets, use a 10 to 1 vertical exaggeration.
- (c) If, during boring, an obstruction is encountered which prevents completion of the installation in accordance with the design location and specification, and the product is left in place and taken out of service, show the failed bore path along with the final bore path on the plans. Note the failed bore path as "Failed Bore Path - Taken Out of Service". Also show the name of the Utility owner, location and length of the drill head and any drill stems not removed from the bore path.
- (d) Show the top elevation, diameter and material type of all utilities encountered and physically observed during the subsoil investigation. For all other obstructions encountered during a subsoil investigation or the installation, show the type of material, horizontal and vertical location, top and lowest elevation observed, and note if the obstruction continues below the lowest point observed.
- (e) Include bore notes on each plan stating the final bore path diameter, product diameter, drilling fluid composition, composition of any other materials used to fill the annular void between the bore path and the product, or facility placed out of service. Note if the product is a casing as well as the size and type of carrier pipe placed within the casing as part of the Contract work.

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4/6/2022

UTILITY WORK PERMITS

(a) DOCUMENTS REQUIRED PRIOR TO A PRE-CON MEETING:

****UPLOAD INTO OSP - Pdf Format; 1 pdf file combine All please**

- All Contractor's / Sub Contractor's Licenses
- All Contractor's / Sub Contractor's Local Business Tax Receipt
- Contractor's Work Site Safety Supervisor's Advanced MOT Certificate - with his/her email address and a 24/7 contact number attached to the certificate.

(b) DOCUMENTS REQUIRED PRIOR TO FINAL INSPECTION:

****UPLOAD INTO OSP - Pdf Format; 1 pdf file combined for all docs, except the As Built & Certification Letter please submit these two docs separately.**

(*As Applicable to Your Permit *)

- Permit Final Inspection Certification Letter
- Request for Final Inspection Letter
- Directional Bore Logs
- Density Reports
- As Built Plans (w/Plan & Section Views for ALL Bores)
- Producers Certification for Concrete CL I NS 2500 psi (sidewalk, curb & gutter, ditch pavement & traffic separator)
- Asphalt Tickets
 - *Include SP & FC types/thickness used on Excavation Restoration and Milled & Resurfaced area.

*****OSP WEB URL: <https://osp.fdot.gov>*****

***NOTE:** As mandated by our Legal Department; All Contractors/Sub Contractors working within or adjacent to the Department's Right of Way must furnish their License & Local Business Tax Receipt and their MOT Cert unless MOT is being done by the Prime Contractor.

If you have any further concerns, please do not hesitate to contact us at your earliest convenience.
Brett T. Drouin – Permits Manager

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Eugene Kissner
4/6/2022

**SPECIAL PROVISIONS/CONDITIONS
FOR UTILITY PERMITS, INCLUDING
DIRECTIONAL AND JACK & BORES
ATTACHMENT "A"**

Permittee's representative & an FDOT Inspector must be on site during all boring activities. Upon completion of the boring activities, Permittee shall provide all documentation to be in accordance with FDOT Standard Specifications, Section 555 or 556, whichever is applicable.

All maintenance of traffic (MOT) will be in accordance with the Department's current edition of the Standard Plans (102-600) series. The Operations Engineer or his designee reserves the right to direct the removal/relocation/Modification of any traffic device(s) at the Permittee's sole expense.

Restricted Hours for Single Lane Closures:
9 am to 3: 30 pm & 7 pm to 6 am, Monday through Friday, (No Weekends)
Multi-Lane Closure must occur during nighttime hours only, Monday through Friday, (No Weekends) unless otherwise approved by the Local Operations Engineer or designee.

PERMITTEE: PLEASE NOTE:

Permittee's contractors that are performing directional drilling and/or jack and bore activities shall provide the Department (Permits Office) proof of a proper state contractor's license prior to any commencement of permitted work.

All HDPE conduit used for traffic signals or other electrically powered or operated traffic control devices, shall use a Standard Dimension Ratio of 11 (SDR 11).

Note:

A staff member of the Permittee/UAO shall attend all required FDOT field meetings and/or inspections.

Permittee shall coordinate all work with Louis Berger @ 1-888-238-6215, Extension 701 or email: US1-A1A-Permits@louisberger.com
Coordination will include a Pre-construction meeting.

SEE ATTACHMENT B & C

Permittee will provide the Department with certified "As-Built" plans prior to final acceptance of the permitted work.

Permittee will provide the necessary densities in accordance w/Section 125-8 of the Standard Specifications for Road & Bridge Construction, (latest edition) prior to final acceptance by the Department.

Permittee shall provide the Producer's Certification (Delivery Ticket) for the NS Concrete-2500 PSI (used for sidewalk, Curb & Gutter, Ditch Pavement and Traffic Separator) prior to final acceptance by the Department. The delivery ticket shall certify the concrete was batched, delivered and placed in accordance with Section 347 of the Department's Standard Specifications for Road and Bridge Construction (current edition)

Permittee will provide the Producer's Certification for the handhole/manhole (H-20, load rating) capacity prior to final acceptance by the Department. The certification must bear the original signature of a legally responsible person from the producer and is provided on the producer's letterhead.

All pull boxes shall have a 1' wide (min) x 6" deep continuous concrete apron sloped away from the box. (Typically 1%).

Sodded areas will be in accordance with Standard Plans, 570-010 and Sections 162, 570, 981, 982, 983 of the Department's Standard Specifications (latest editions). All disturbed areas will be sodded within one (1) week of installation of said permitted work.

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4/6/2022

***SPECIAL PROVISIONS/CONDITIONS
UTILITY PERMITS
ATTACHMENT "B"***

PURSUANT TO THE UAM, SECTION 2.7(1), PERMITTEE SHALL EXPEDITOUSLY COMPLETE THE PERMITTED WORK, RESTORE THE RIGHT OF WAY AND OBTAIN FINAL ACCEPTANCE OF SAID WORK (PER UAM 2.11) FROM THE DEPARTMENT WITHIN SIX (6) MONTHS OF THE ISSUANCE DATE, UNLESS OTHERWISE APPROVED BY THE LOCAL OPERATIONS ENGINEER, OR DESIGNEE.

**FAILURE TO OBTAIN FINAL ACCEPTANCE WILL RESULT IN NON-COMPLIANCE AND VOIDING OF SAID PERMIT.
FURTHERMORE, THE UTILITY FACILITY SHALL BE BROUGHT INTO COMPLIANCE OR REMOVED FROM THE RIGHT OF WAY (ROW) AT THE PERMITTEE'S SOLE EXPENSE (EXCEPT FOR REIMBURSEMENT RIGHTS, AS APPLICABLE)**

PERMITTEE SHALL PROVIDE A UTILITY WORK SCHEDULE (UWS) AND COORDINATE WITH CONTRACTOR PRIOR TO START OF WORK WITHIN A CONSTRUCTION ZONE.

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4/6/2022

ATTACHMENT C

LCIS LANGUAGE FOR PLANNED LANE CLOSURES

Prior to any work requiring **planned lane closures, mobile operations, or traffic pacing operations** the Contractor or Permittee shall submit a request to the LCIS system. Each request will be reviewed by the appropriate Department personnel for compliance with permit requirements, **and coordination with adjacent projects or work activities.**

All lane closure approvals **shall be obtained prior** to establishing pre work meetings in the field. All submissions should be made a **minimum of 14 days prior to proposed closure date** and must be approved by the Department before work requiring the closure may begin within FDOT Right of Way.

LCIS SYSTEM

Please register all requests at <https://LCISV2.com/home>. See guidelines below:

- Create new Username and Password

you will receive status updates via email which may be routed to users' **junk mail.**
- Select N/A for proposed County and City (**not set up currently**)
- Select state roadway # (**EX. SR786**)
- All attachments uploaded **shall be in PDF format only**
- Work events lasting longer than 2 weeks, should include a detailed work schedule (**PDF**)
- Select timeframe. **Time will automatically default to 5AM unless manually changed.** Select the pencil on the top right to edit work event times.

work event hours, and road closures cannot be requested for more than 7 hours per day.
- Closure locations must be detailed. (**EX. Eastbound Glades Rd at the intersection of St. Andrews BLVD.**)
- Work description shall include the following:
 1. Full FDOT permit number associated with lane closure (**Ex. 2018-H-496-0001-93001**)
 2. Type of work being performed (**EX. gas line installation or directional bore**)
 3. Contact information for Agent in field as well as Project Manager

****PLEASE NOTE****

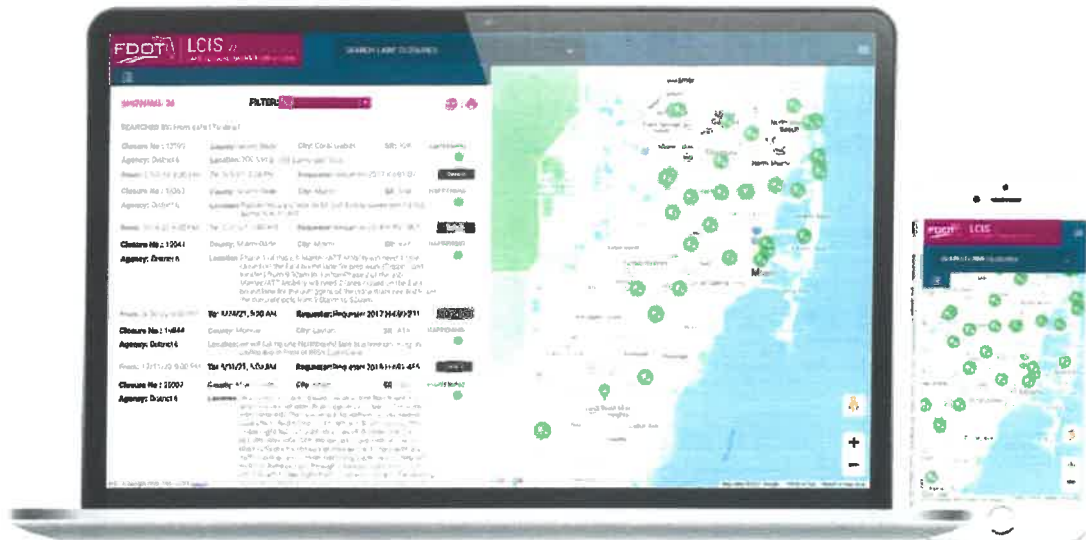
Requests are for Palm Beach County **ONLY**

Contact Carmen Beltran for questions or assistance. Email : Carmen.beltran@dot.state.fl.us Phone: (954)847-2785

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Eugene Kissner
4/6/2022

May 2021

INTRODUCING THE NEW LANE CLOSURE INFORMATION SYSTEM (LCISv2)



The Traffic Operations team is pleased to announce the soft launch of LCISv2 (Beta 2.1), improving the system used so far. Please note that the system is still under test and there are many closures used as a test mode.

VISIT LCISv2

TO START USING THE SYSTEM FOLLOW THE STEPS BELOW:

STEP 1

In your browser visit:
<https://LCISv2.com>, then click on "Register" at top right, to register. Please use a real email address.

STEP 2

Then, to create a request, click on "New Request", complete the required fields and submit your request. Note that to submit your request, you need to select who will be your first Reviewer. The system will send you a confirmation to your email address.

STEP 3

After receiving the email confirmation, you can check the status of your request by clicking on the "Dashboard". Here you will be able to see all the closures related to your user.

Note that without logging into the system, you can view all closures that have already been approved by our office.

FOR QUESTIONS OR COMMENTS, PLEASE CONTACT:

✉ Alejandro Diaz, Sr. Software Engineer & System Administrator
Alejandro.Diaz@dot.state.fl.us

✉ Saud Khan, District Six Maintenance of Traffic Specialist
Saud.Khan@dot.state.fl.us

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Eugene Kissner
4/6/2022