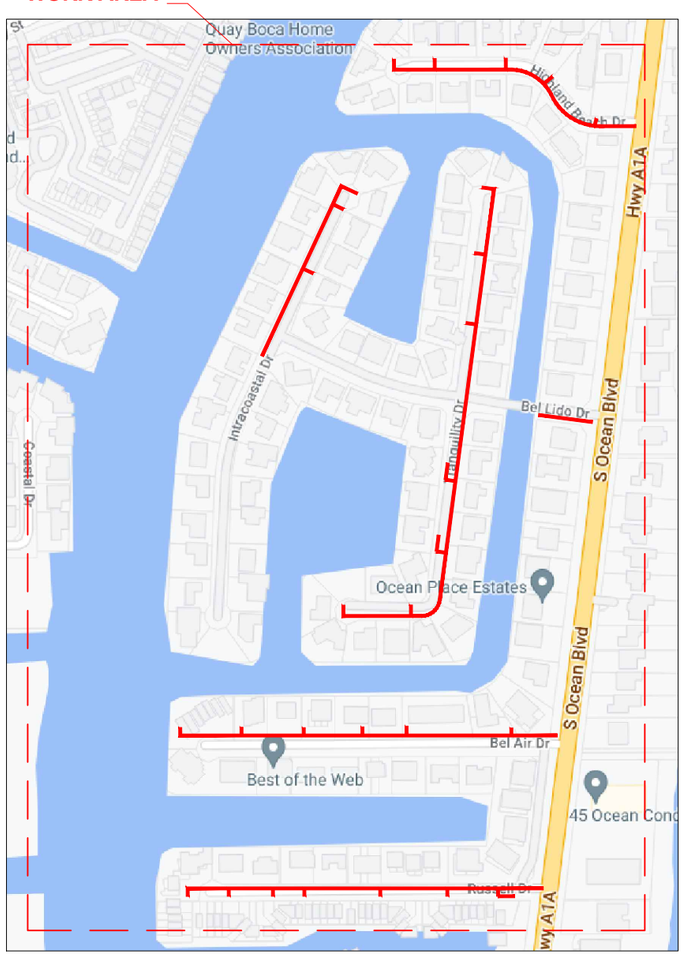
TOTAL PAGE FOOTAGE:	5580'
TOTAL UNDER PAVEMENT:	965'

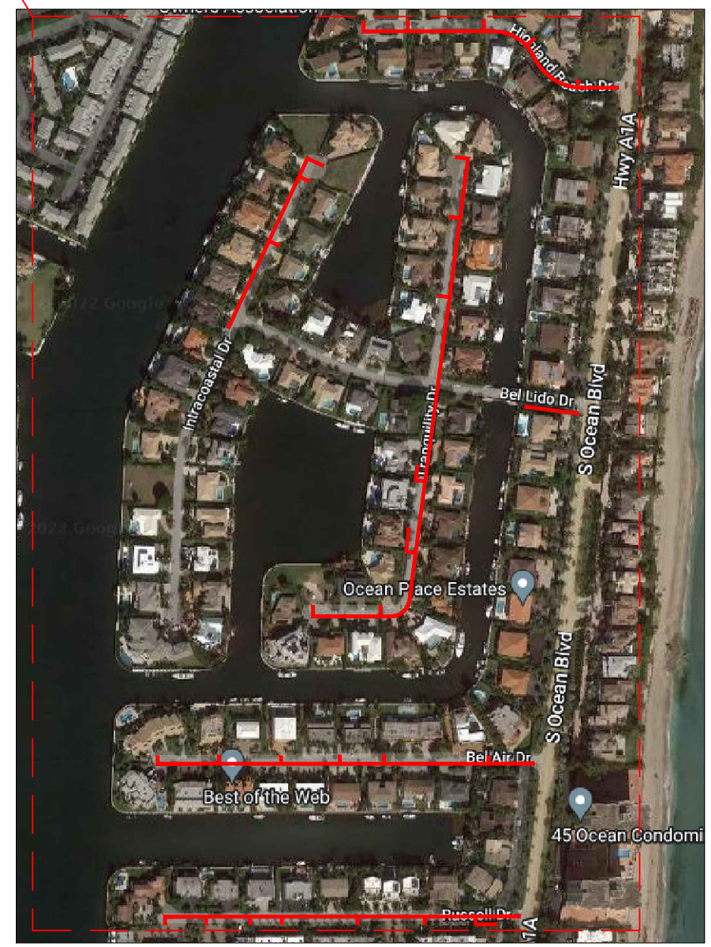
WORK AREA



LOCATION MAP

N.T.S.

WORK AREA



VICINITY MAP

N.T.S.

CALL BEFORE YOU DIG

SUNSHINE STATE ONE-CALL OF FLORIDA, INC.
811
1-800-432-4770
TWO FULL BUS. DAYS BEFORE YOU DIG

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

PROJECT DESCRIPTION:

1.PLACE APPROXIMATELY 6545' OF HDPE CONDUIT VIA DBORE
2.PLACE (31) 17"Wx30"Lx24"D HANDHOLE.
2.PLACE (3) 30"Wx48"Lx36"D HANDHOLE.

MOT USED:

102-660
102-602

PLAT BOOK USED:

PB: 25-154
PB: 25-97

DRAWING INDEX

SHEET NO.	SHEET TITLE
001 OF 059	COVER SHEET
002 OF 059	OVERALL MAP
003 OF 059	GENERAL NOTES, LINETYPES & LEGEND
004 TO 055 OF 059	PLAN VIEW & PROFILES
056 TO 059 OF 059	CONSTRUCTION TYPICAL

SPACE RESERVED FOR PROFESSIONAL SEALS

N

ATTSE

PERMITTING

JURISDICTION:
* HIGHLAND BEACH CITY

STATE:	DISTRICT:
FLORIDA	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:	1117 RUSSELL DR
ENGINEER:	HERNANDEZ, JAVIER
ENG PH #:	305-929-2166
JOB NUMBER:	1W842020N
CFAS PROJECT NUMBER:	A029ELL
FILE NAME:	1W842020N_HIGHLAND BEACH CITY
SCALE:	N.T.S
PAGE:	001
OF:	059

ENG-PLN-10050 REV(-) DATE:03/21/2022

PLOT DATE: 03/21/2022 FILE NAME: 1W842020N_HIGHLAND BEACH CITY_20211021

FOOTAGE & QUANTITIES

DESCRIPTION	QUANTITY	UNIT
BORE	5580'	LF
UNDER PAVED ROADWAY	965'	LF
HANDHOLES	34	EA
TOTAL FOOTAGE	6545'	LF

OVERALL VIEW

N.T.S.

N

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JURISDICTION:

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STATE:	DISTRICT:
FLORIDA	HIGHLAND BEACH
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DATE	DESCRIPTION	INITIAL
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811 Know what's below. Call before you dig.

COUNTY: PALM BEACH

CITY: HIGHLAND BEACH

TOWNSHIP: 47S

RANGE: 43E

SECTION: 4

PROJECT ADDRESS: 1117 RUSSELL DR

ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE:	PAGE:	OF:
N.T.S	002	059

· 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.

ROAD AND BRIDGE GENERAL NOTES:

1. ANY AND ALL PB COUNTY STORMDRAIN / SIDEWALK / PATHWAY / C&G / ADA AND OR ADDITIONAL ROADWAY THAT IS AFFECTED BY THE PROPOSED CONSTRUCTION MUST BE RESTORED TO LIKE OR BETTER THEN LIKE CONDITION TO INCLUDE ALL APPLICABLE FDOT / PB COUNTY DETAILS AND SPECIFICATIONS (APPLICABLE THOROUGHFARE / NON-THROUGHFARE).

2. SIDEWALK AFFECTED TO INCLUDE ONE FLAG ON EITHER SIDE OF THE DISTURBED AREA. SIDEWALKS WILL BE RESTORED BY REPLACING: TWO FLAGS IF THE POINT OF CONSTRUCTION IS LOCATED AT A CONTROL JOINT AND THREE FLAGS IF THE POINT OF CONSTRUCTION IS LOCATED BETWEEN CONTROL JOINTS. NO PARTIAL JOINTS ACCEPTED. (PER SITUATION)

3. ROADWAY LANES AFFECTED WILL REQUIRE THE AFFECTED LANES AND/OR ADDITIONAL LANES BE RESTORED TO LIKE OR BETTER THEN LIKE CONDITION AND TO EQUAL DIMENSIONS AS THE ADJACENT LANES (EOP TO EOP).

4. ALL AFFECTED ROADWAYS ARE TO BE RESTORED FROM EOP TO EOP, LANE WIDTH MIN. AND 50' IN EITHER DIRECTION (THOROUGHFARE) AND 25' MIN. RESTORATION (NON-THOROUGHFARE).

5.MILL AND PAVE TRANSITION AREA IN PALM BEACH COUNTY R/W, (ADD NAME OF STREET(S)) WILL BE REQUIRED TO INCLUDE THE INTERSECTION IN ITS ENTIRETY, (25' IN ALL DIRECTIONS).

6. FLOWABLE FILL IS NOT AN APPROVED WEAR COURSE IN PB COUNTY. PBC THOROUGHFARE ROAD RESTORATION DETAIL / LANE WIDTH NEEDS TO REFLECT A MIN. 50' OUTSIDE THE PC IN ALL DIRECTIONS.

7. IF PROPOSED CONSTRUCTION/CROSSING ANY EXISTING PB COUNTY STORM DRAIN PIPE/STRUCTURES ARE AFFECTED IN ANY WAY. PB COUNTY R&B REQUIRES FULL RESTORATION OF THE AFFECTED SYSTEM TO LIKE OR BETTER THEN LIKE CONDITION AND TO PB COUNTY/FDOT STANDARD.

8. ANY DRAINAGE SWALES AFFECTED BY THE PROPOSED CONSTRUCTION, SHALL BE RESTORED TO LIKE OR BETTER THEN LIKE CONDITION TO INCLUDE ORIGINAL DESIGN ELEVATIONS.

TRAFFIC GENERAL NOTES:

1. ANY DAMAGE TO SIGNAL EQUIPMENT CAUSED BY CONSTRUCTION OF THIS PROJECT MUST BE REPAIRED OR REPLACED TO ORIGINAL OR BETTER CONDITION AT NO COST TO PALM BEACH COUNTY.

2. NO EXCAVATION AROUND PBC SIGNAL POLES WITHIN A 6 FT. RADIUS FROM THE CENTER OF THE POLE. PLEASE SEE "PBC TRAFFIC SIGNAL INSTALLATION AND DETAILS 2018" DRAWING T-5.3

3. NO EQUIPMENT (INCLUDING PULL BOXES/HAND HOLES) TO BE INSTALLED WITHIN THE PEDESTRIAN RAMPS.

LINE TYPES

BOC	EXISTING BURIED CABLE
EOP EOP EOP	EXISTING FOC
DB DB	DIRECTIONAL BORE
DB DB	TRENCH
AE AE	AERIAL FOC
AE AE	PROPOSED AERIAL
X X X X X	FENCE
	GRADE LEVEL
EOP EOP EOP EOP	EDGE OF PAVEMENT
RW RW RW	RIGHT OF WAY
UE UE	UTILITY EASEMENT
	CENTER LINE
	SIDEWALK
PL PL PL	PROPERTY LINE
	BUILDING
	RAILROAD
E E	POWER UNDERGROUND
E E	POWER AERIAL
TRF TRF TRF	TRAFFIC
T T	TELCO
G	GAS
W	WATER MAIN
S S S S	SANITARY SEWER
SD SD	STORM DRAIN
FM FM FM	FORCE MAIN
RW RW RW	RECLAIMED WATER
SL SL SL SL	STREET LIGHT
TV TV TV	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

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

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 MINIMUN OF 12 INCHES OF VERTICAL CLEARANCE	MAINTAIN A MINIMUN BENDING RADIUS OF 5' ON ALL DUCT CONFIGURATION.

ATTSE

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* HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

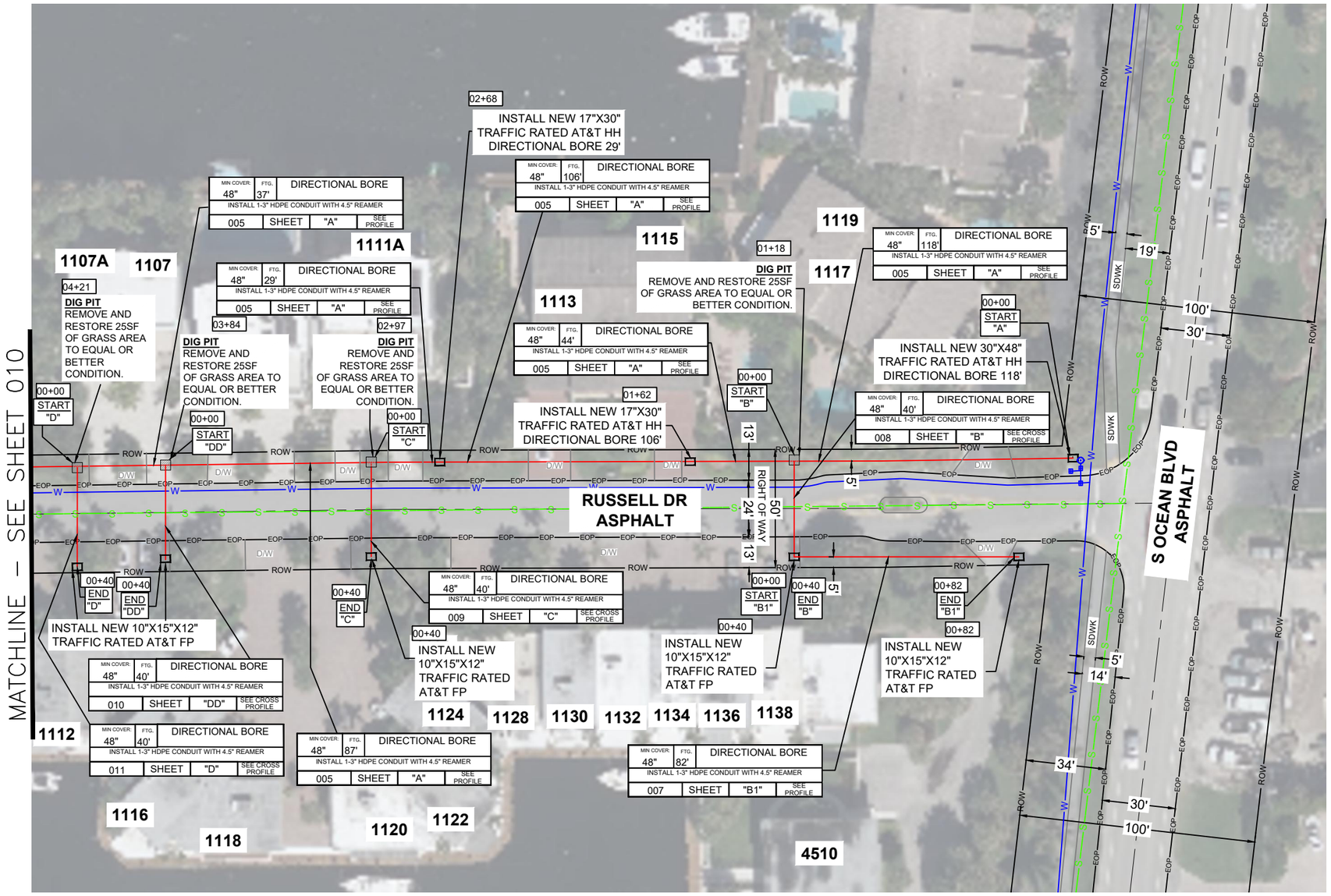
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

COUNTY: PALM BEACH	
CITY: HIGHLAND BEACH	
TOWNSHIP: 47S	
RANGE: 43E	
SECTION: 4	
PROJECT ADDRESS: 1117 RUSSELL DR	
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY	
SCALE: N.T.S	PAGE: 003 OF: 059

PB: 25/154

TOTAL PAGE FOOTAGE:	523'
TOTAL UNDER PAVEMENT:	160'



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RANGE:	43E
SECTION:	4

PROJECT ADDRESS: 1117 RUSSELL DR

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

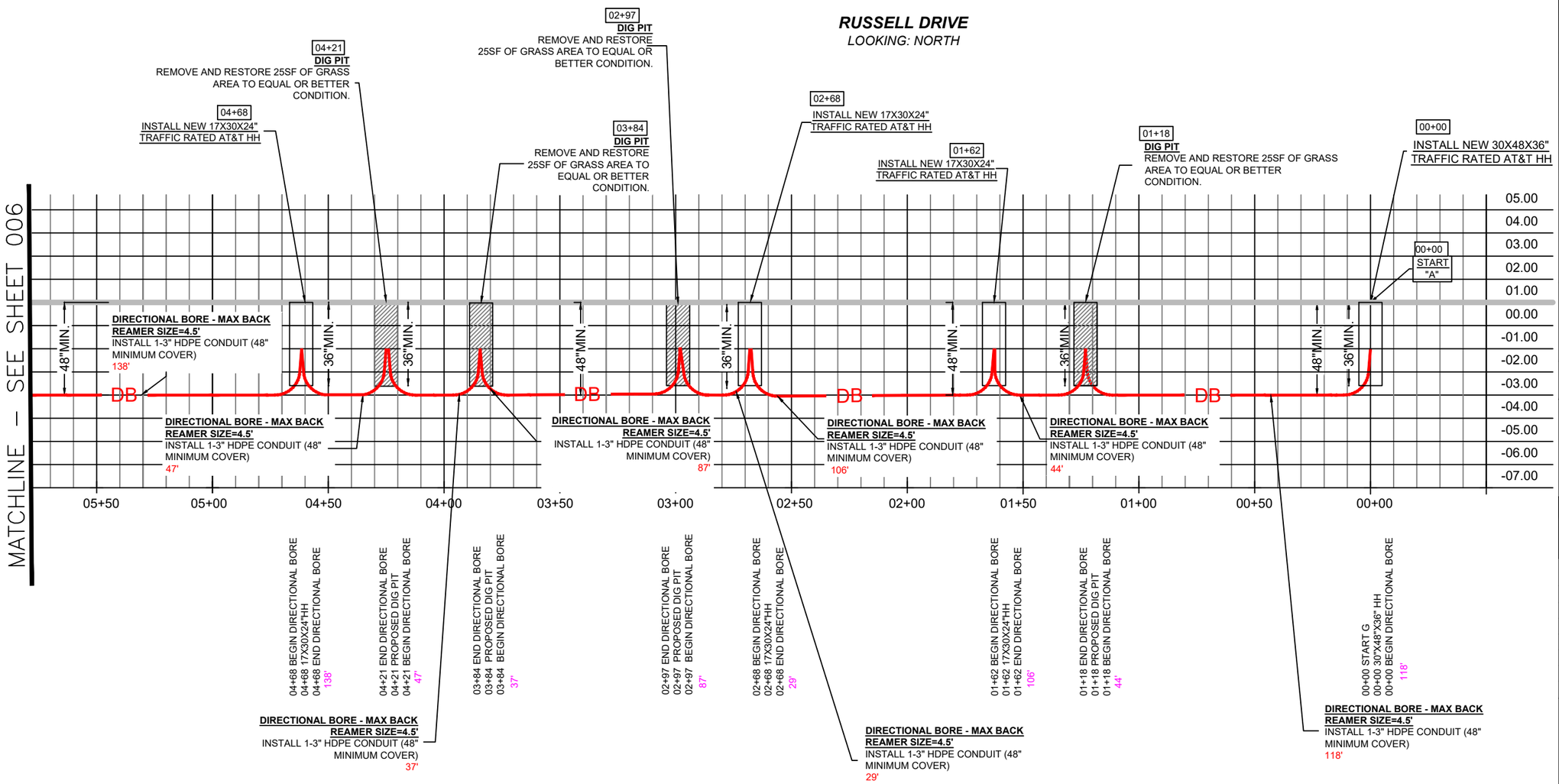
SCALE:	PAGE:	OF:
1:50	004	059

PB: 25/154

PROFILE - RUSSELL DRIVE

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

RUSSELL DRIVE
LOOKING: NORTH



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- HIGHLAND BEACH CITY

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

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COUNTY: PALM BEACH	
CITY: HIGHLAND BEACH	
TOWNSHIP: 47S	
RANGE: 43E	
SECTION: 20	

PROJECT ADDRESS: 1117 RUSSELL DR

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

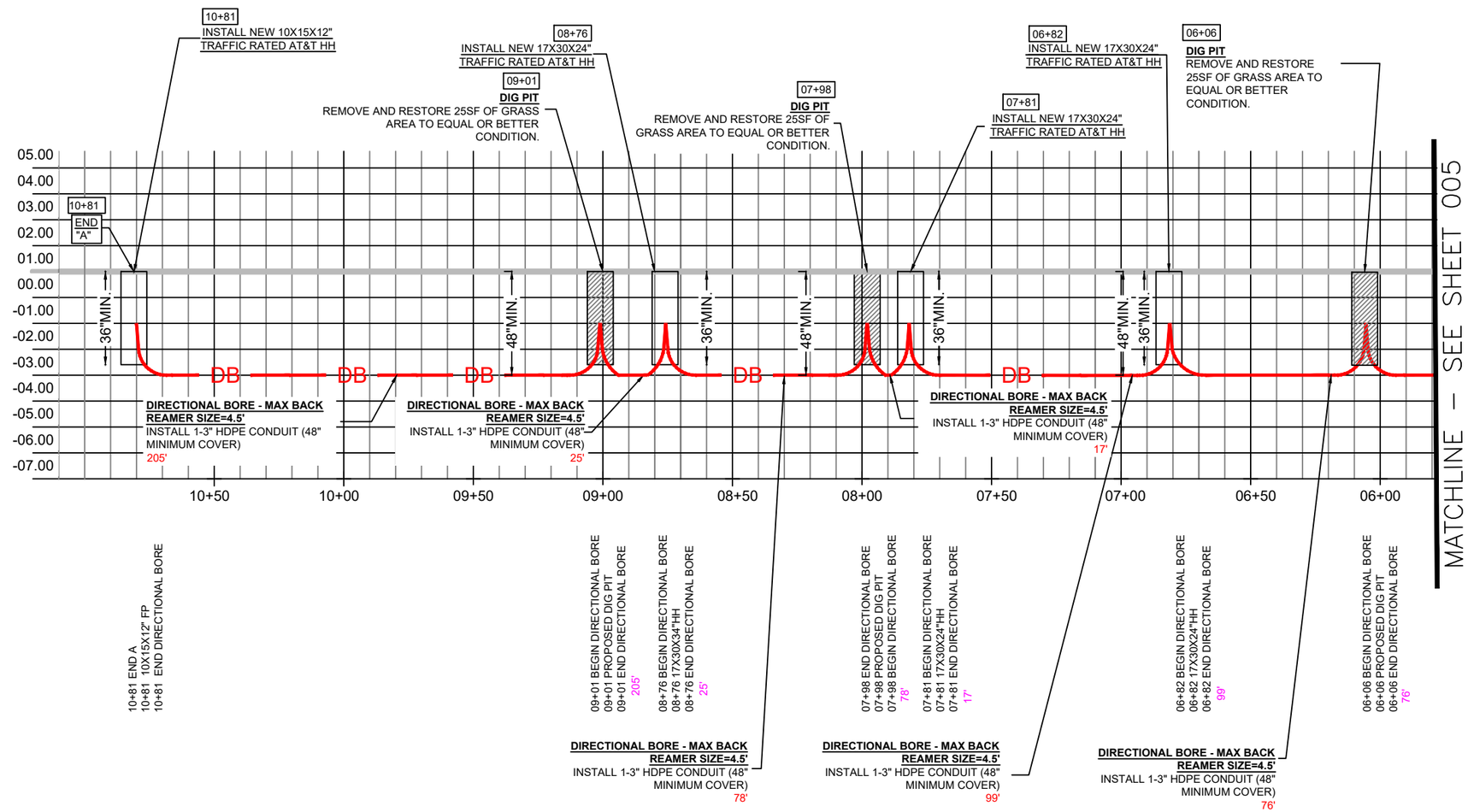
SCALE: 1:50	PAGE: 005	OF: 059

PB: 25/154

PROFILE - RUSSELL DRIVE

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

RUSSELL DRIVE
LOOKING: NORTH



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

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

PROJECT ADDRESS: 1117 RUSSELL DR

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

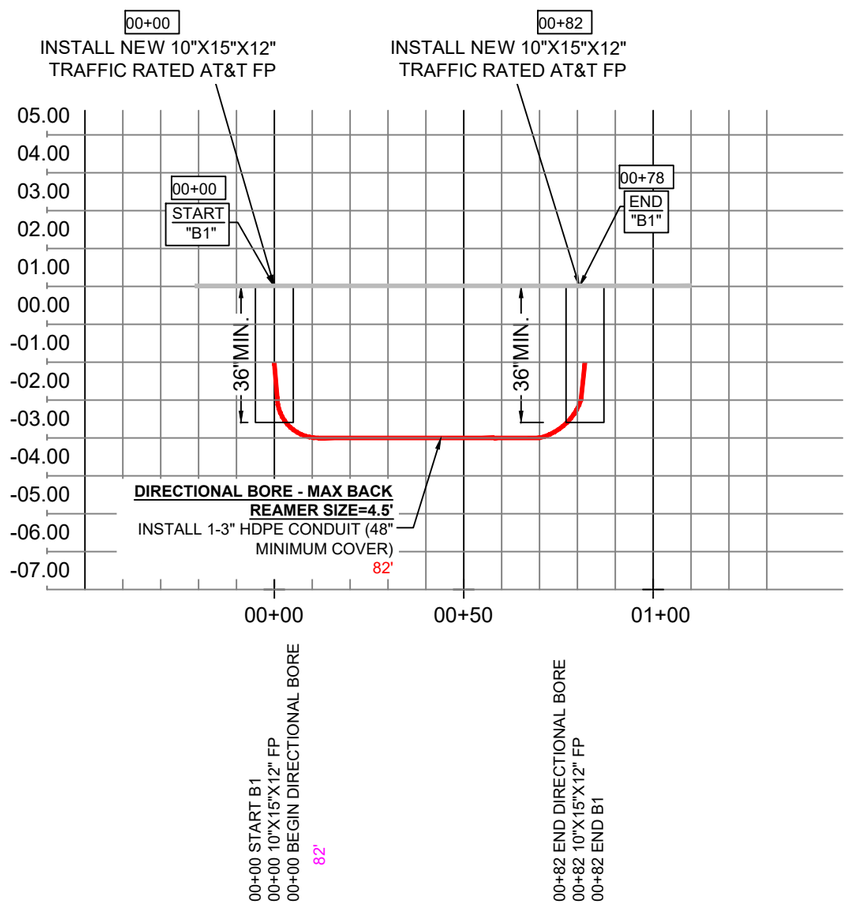
SCALE:	PAGE:	OF:
1:40	006	059

PB: 25/154

PROFILE 'B1' - RUSSELL DRIVE

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

RUSSELL DRIVE
LOOKING: NORTH



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

PROJECT ADDRESS: 1117 RUSSELL DR

ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

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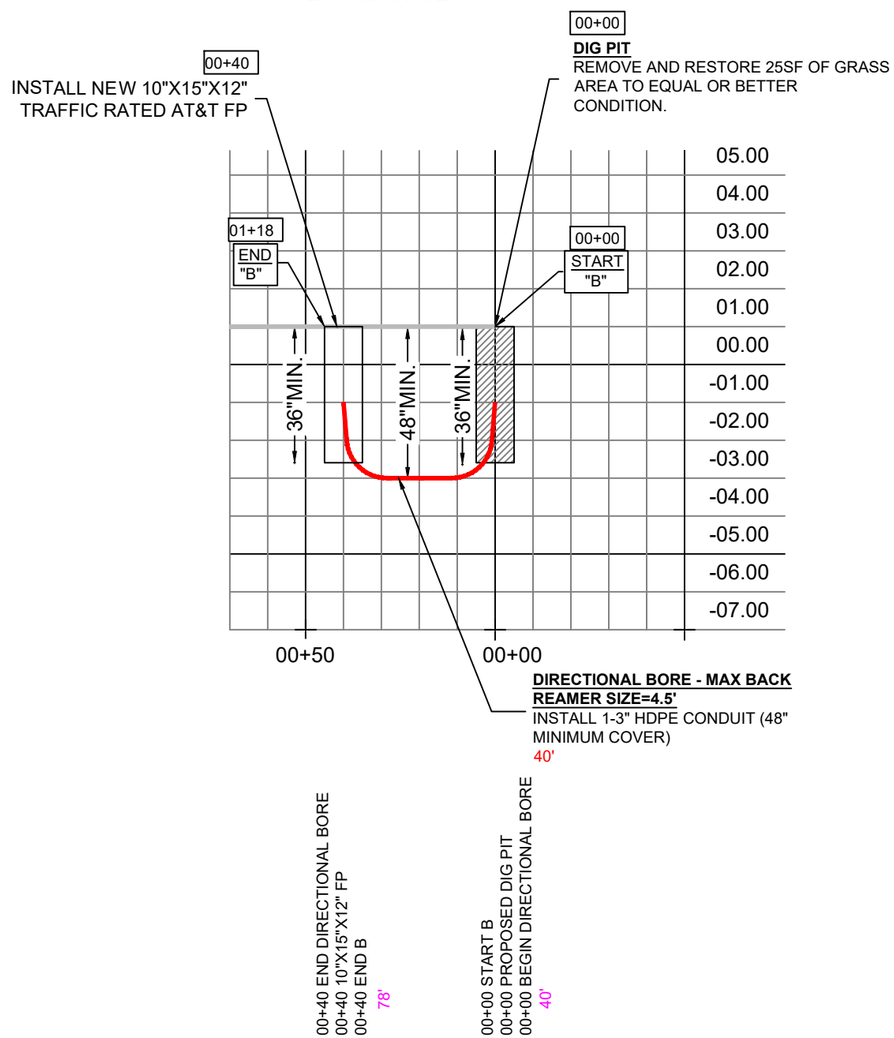
PB: 25/154

CROSS SECTION - VIEW "B"

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

RUSSELL DRIVE
LOOKING: WEST



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

PROJECT ADDRESS: 1117 RUSSELL DR

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

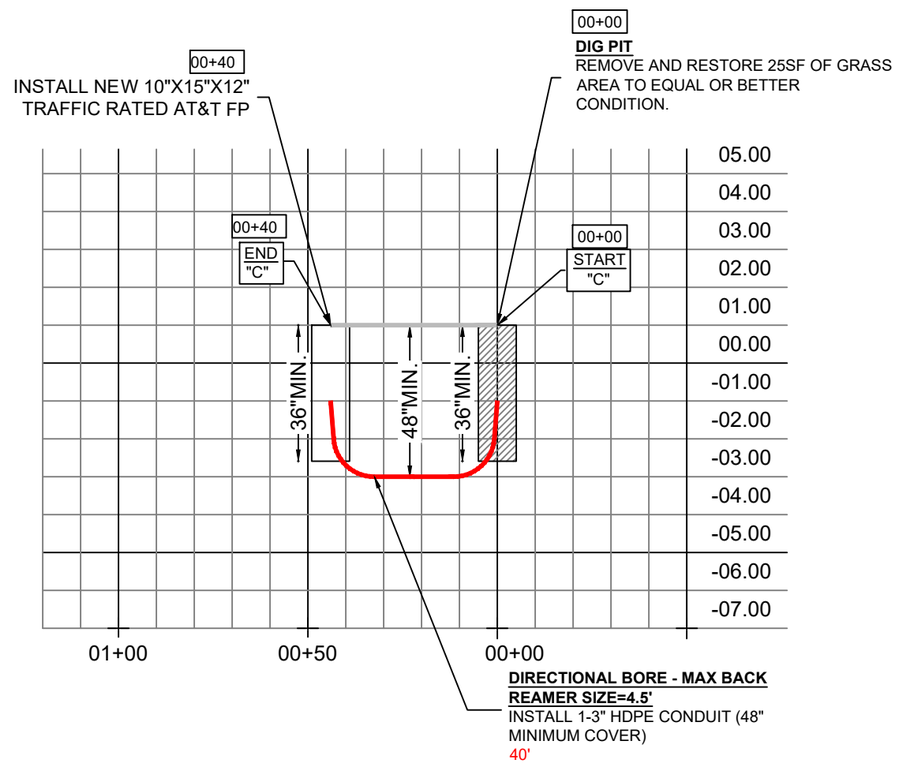
SCALE:	PAGE:	OF:
1:40	008	059

PB: 25/154

CROSS SECTION - VIEW "C"

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

RUSSELL DRIVE
LOOKING: WEST



00+40 END DIRECTIONAL BORE
00+40 10"X15"X12" FP
00+40 END C

00+00 START C
00+00 PROPOSED DIG PIT
00+00 BEGIN DIRECTIONAL BORE
40'

N

ATTSE

PERMITTING

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

PROJECT ADDRESS: 1117 RUSSELL DR

ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

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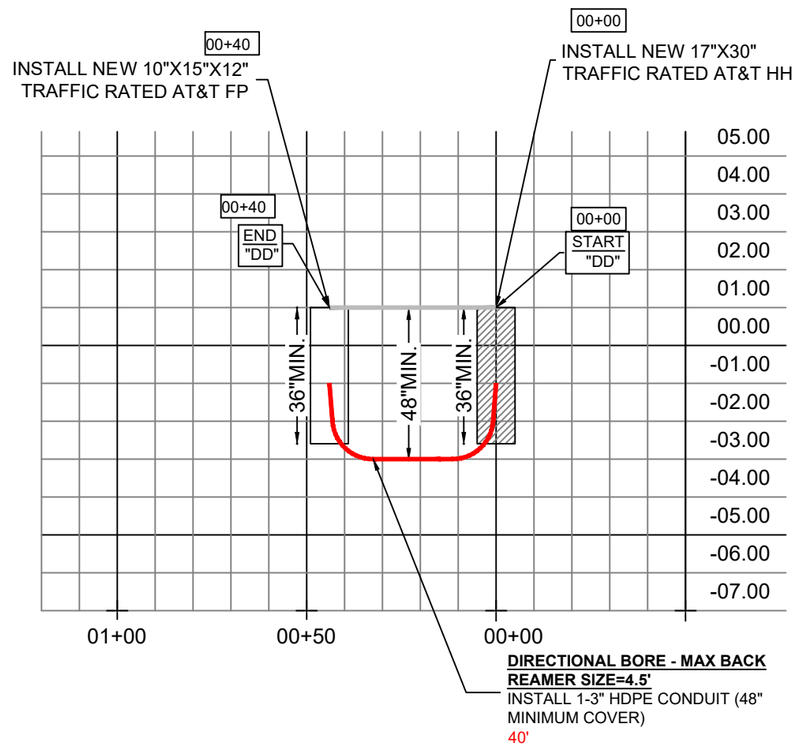
PB: 25/154

CROSS SECTION - VIEW "DD"

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

RUSSELL DRIVE
LOOKING: WEST



00+40 END DIRECTIONAL BORE
00+40 10"X15"X12" FP
00+40 END DD

00+00 START DD
00+00 17"X30"X24" HH
00+00 BEGIN DIRECTIONAL BORE

N

ATTSE

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TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS: 1117 RUSSELL DR

ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

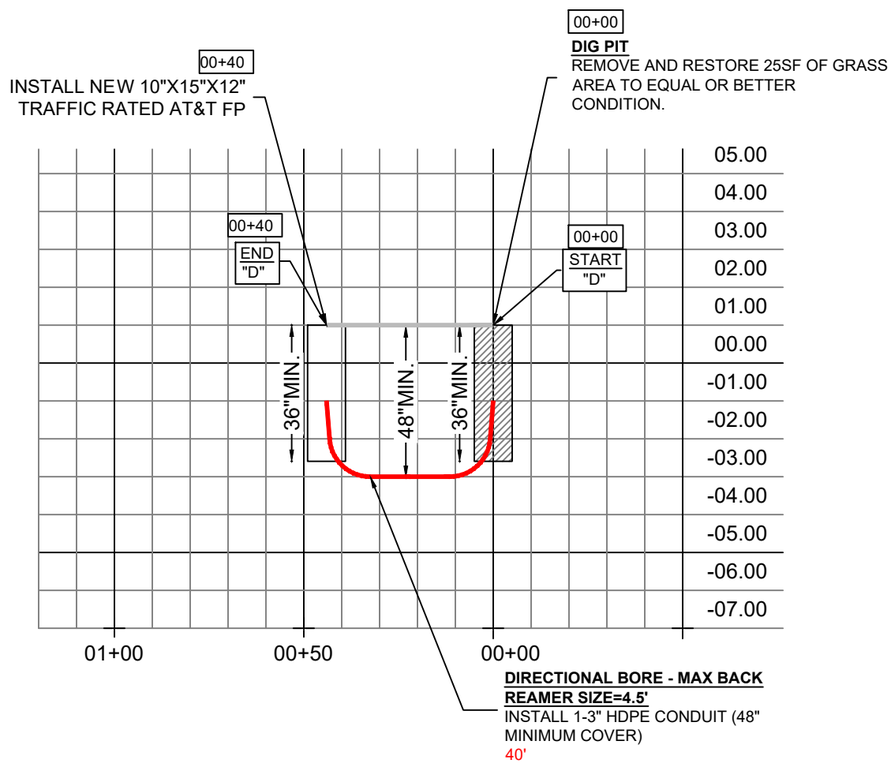
SCALE:	PAGE:	OF:
1:40	010	059

PB: 25/154

CROSS SECTION - VIEW "D"

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

RUSSELL DRIVE
LOOKING: WEST



00+40 END DIRECTIONAL BORE
00+40 10"X15"X12" FP
00+40 END D

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

N

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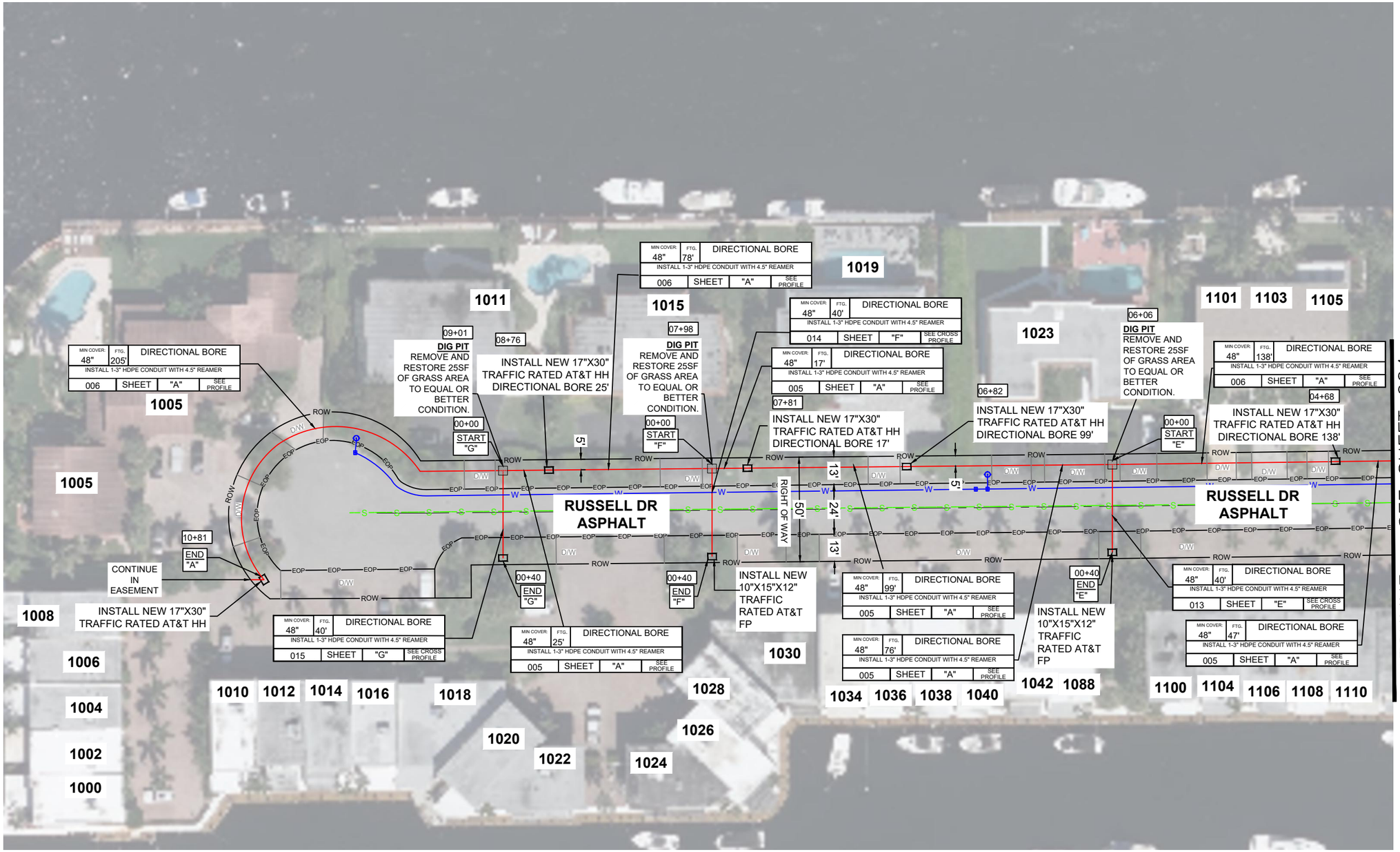
SCALE:	PAGE:	OF:
1:40	011	059

PB: 25/154

TOTAL PAGE FOOTAGE:	635'
TOTAL UNDER PAVEMENT:	120'



N

ATTSE

PERMITTING

JURISDICTION:

- HIGHLAND BEACH CITY

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: 1117 RUSSELL DR

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

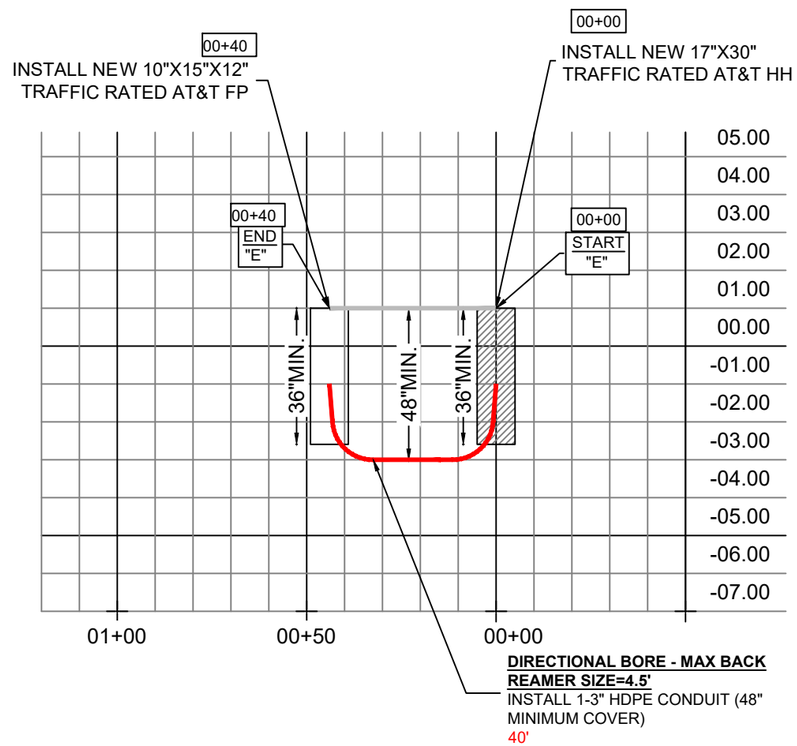
SCALE: 1:50	PAGE: 012	OF: 059

PB: 25/154

CROSS SECTION - VIEW "E"

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

RUSSELL DRIVE
LOOKING: WEST



00+40 END DIRECTIONAL BORE
00+40 10"X15"X12" FP
00+40 END E

00+00 START E
00+00 17"X30"X24" HH
00+00 BEGIN DIRECTIONAL BORE

N

ATTSE

PERMITTING

JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 1117 RUSSELL DR

ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

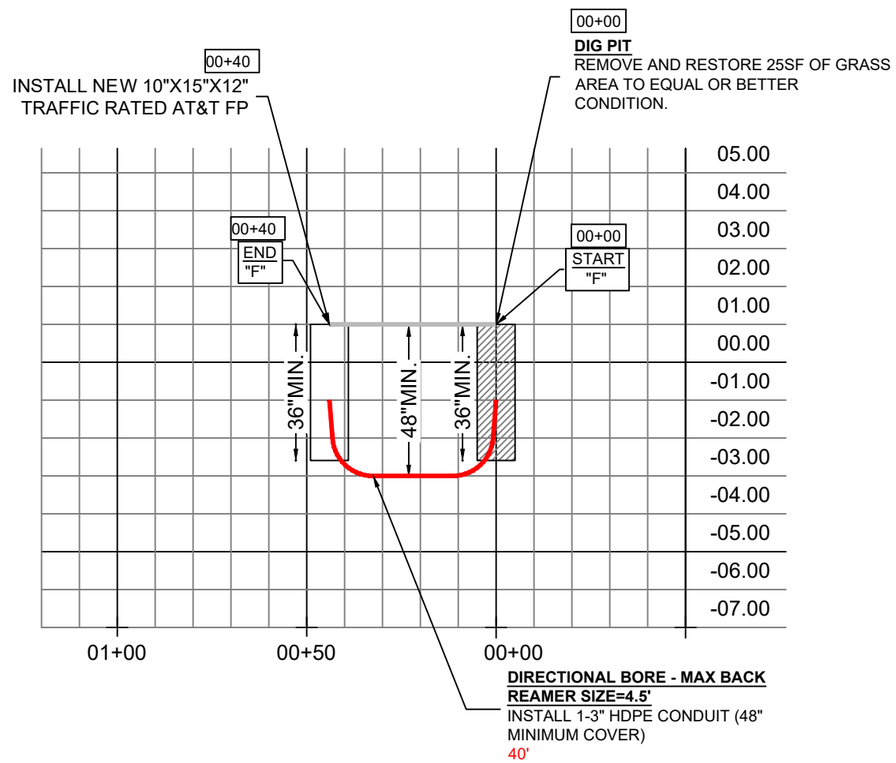
SCALE:	PAGE:	OF:
1:40	013	059

PB: 25/154

CROSS SECTION - VIEW "F"

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

RUSSELL DRIVE
LOOKING: WEST



00+40 END DIRECTIONAL BORE
00+40 10"X15"X12" FP
00+40 END F

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

N

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PERMITTING

JURISDICTION:
* HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 1117 RUSSELL DR

ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

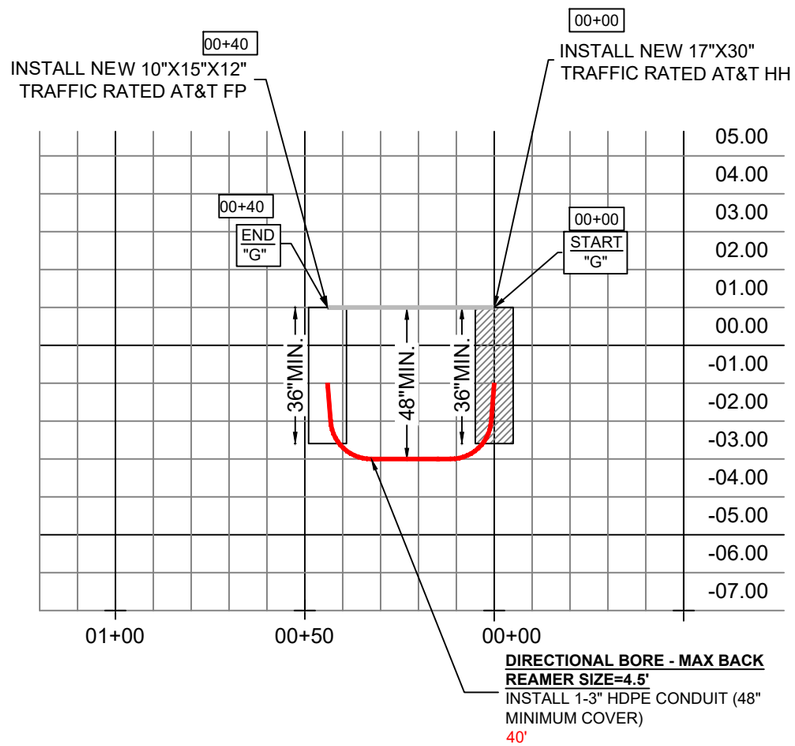
SCALE:	PAGE:	OF:
1:40	014	059

PB: 25/154

CROSS SECTION - VIEW "G"

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

RUSSELL DRIVE
LOOKING: WEST



00+40 END DIRECTIONAL BORE
00+40 10"X15"X12" FP
00+40 END G

00+00 START G
00+00 17"X30"X24" HH
00+00 BEGIN DIRECTIONAL BORE

N

ATTSE

PERMITTING

JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 1117 RUSSELL DR

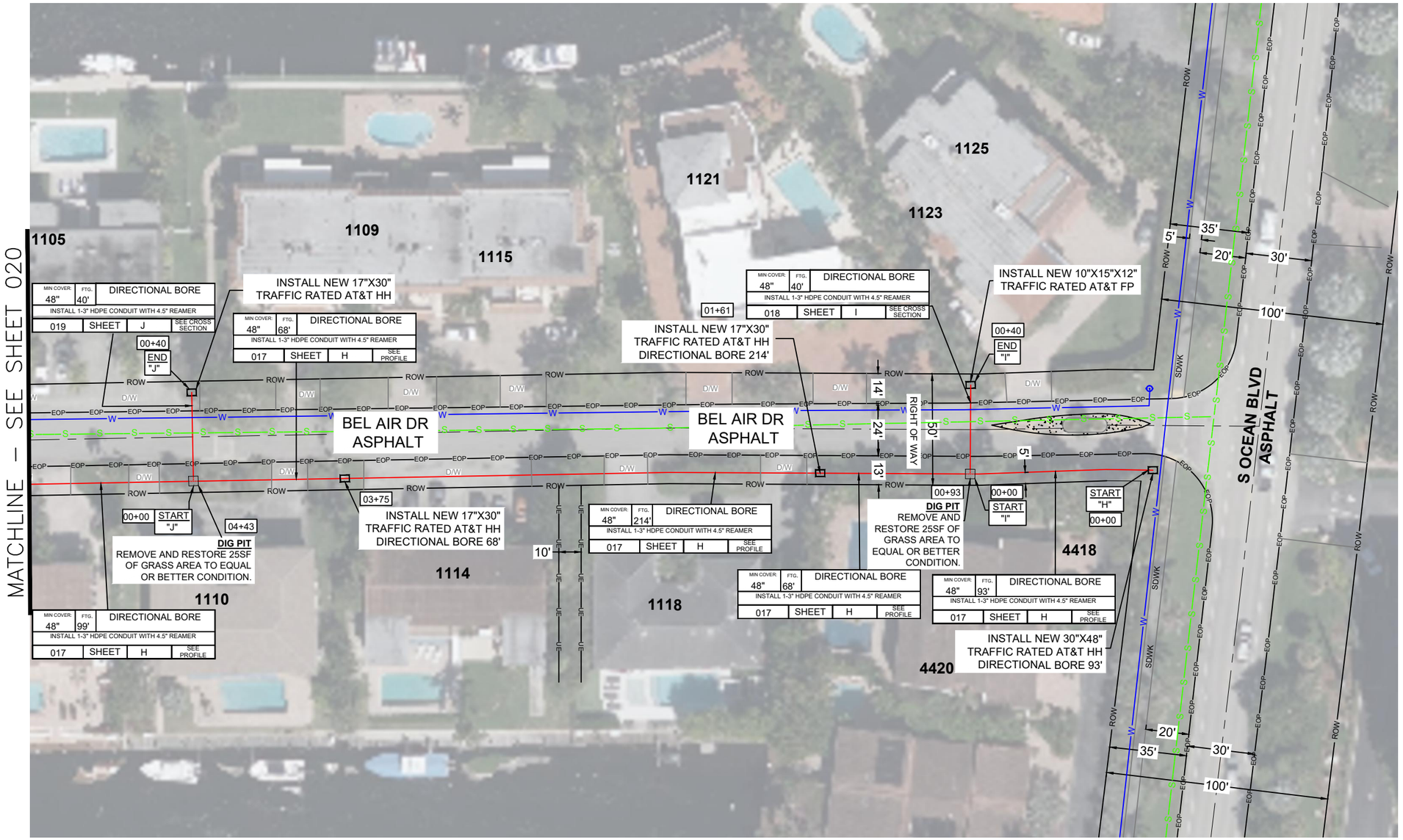
ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE:	PAGE:	OF:
1:40	015	059

PB:	25/154

TOTAL PAGE FOOTAGE:	503'
TOTAL UNDER PAVEMENT:	80'



N

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PERMITTING

JURISDICTION:

- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 4418 S OCEAN BLVD

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

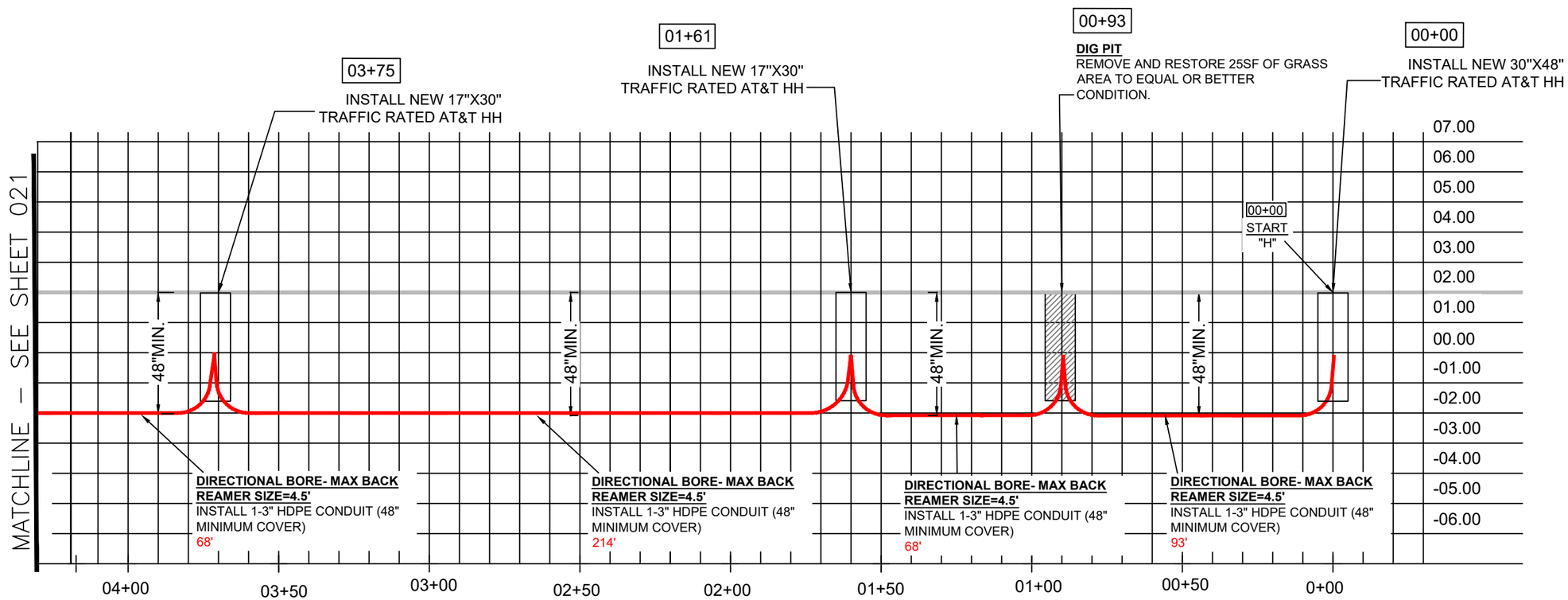
SCALE:	PAGE:	OF:
1:50	016	059

PB: 25/154

PROFILE - BEL AIR DR

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

BEL AIR DR
LOOKING: NORTH



03+75 END DIRECTIONAL BORE
03+75 17X30X24 HH
03+75 BEGIN DIRECTIONAL BORE
68'

01+61 END DIRECTIONAL BORE
01+61 17X30X24 HH
01+61 BEGIN DIRECTIONAL BORE
214'

00+93 END DIRECTIONAL BORE
00+93 PROPOSED DIG PIT
00+93 BEGIN DIRECTIONAL BORE
68'

00+00 START H
00+00 30X48X36 HH
00+00 BEGIN DIRECTIONAL BORE
93'

N

ATTSE

PERMITTING

JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 4418 S OCEAN BLVD

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

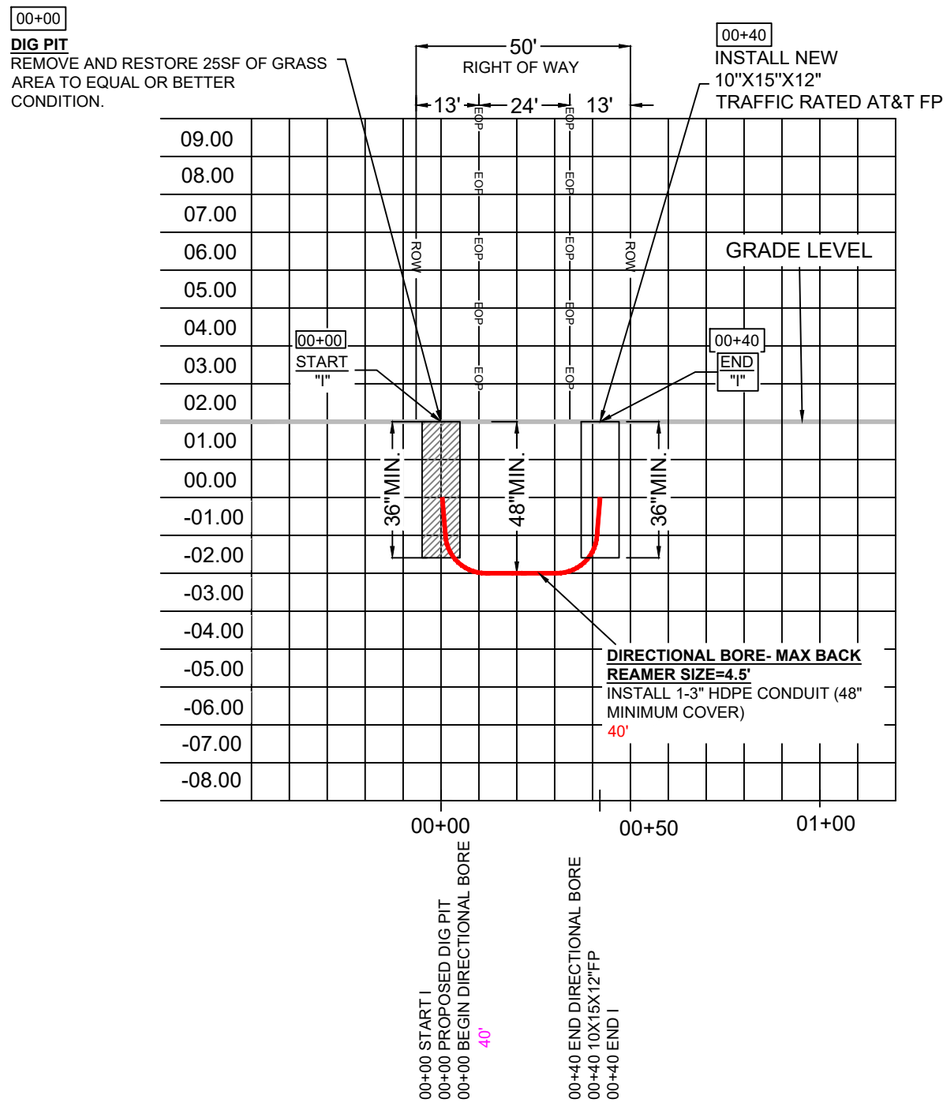
SCALE: 1:40	PAGE: 017	OF: 059

PB: 25/154

CROSS SECTION - VIEW "I"

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

BEL AIR DR
LOOKING: WEST



N

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PERMITTING

JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 4418 S OCEAN BLVD

ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

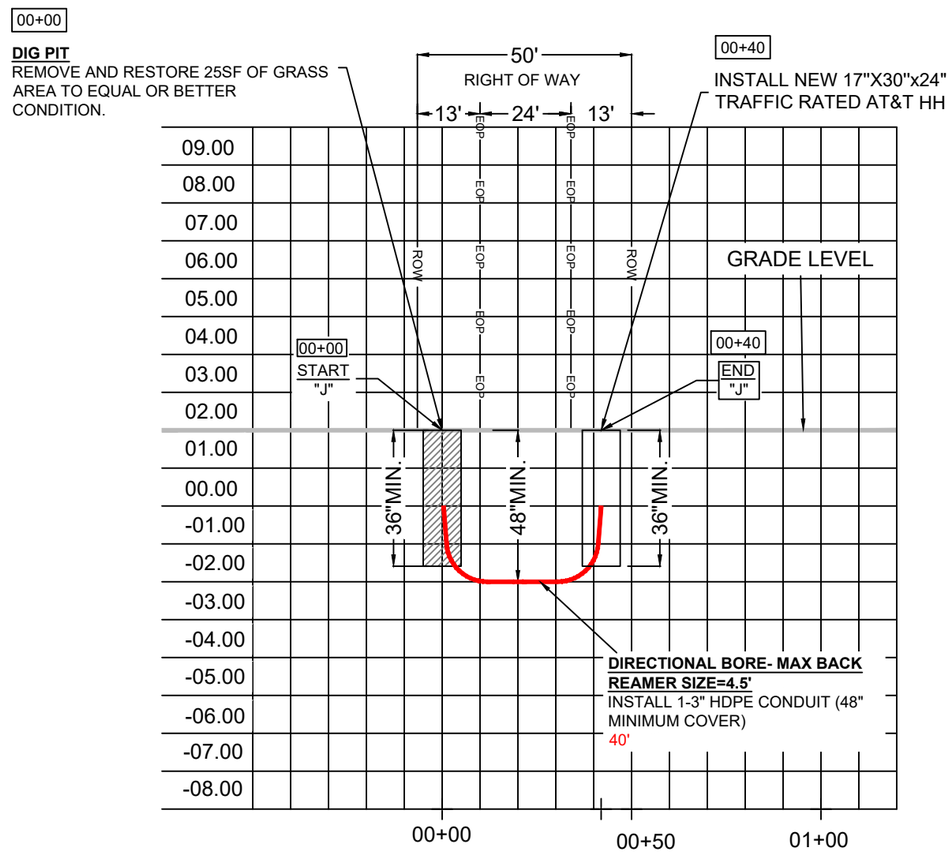
SCALE:	PAGE:	OF:
1:40	018	059

PB: 25/154

CROSS SECTION - VIEW "J"

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

BEL AIR DR
LOOKING: WEST



00+00 START J
00+00 PROPOSED DIG PIT
00+00 BEGIN DIRECTIONAL BORE
40'

00+40 END DIRECTIONAL BORE
00+40 17X30X24"HH
00+40 END J

N

ATTSE

PERMITTING

JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 4418 S OCEAN BLVD

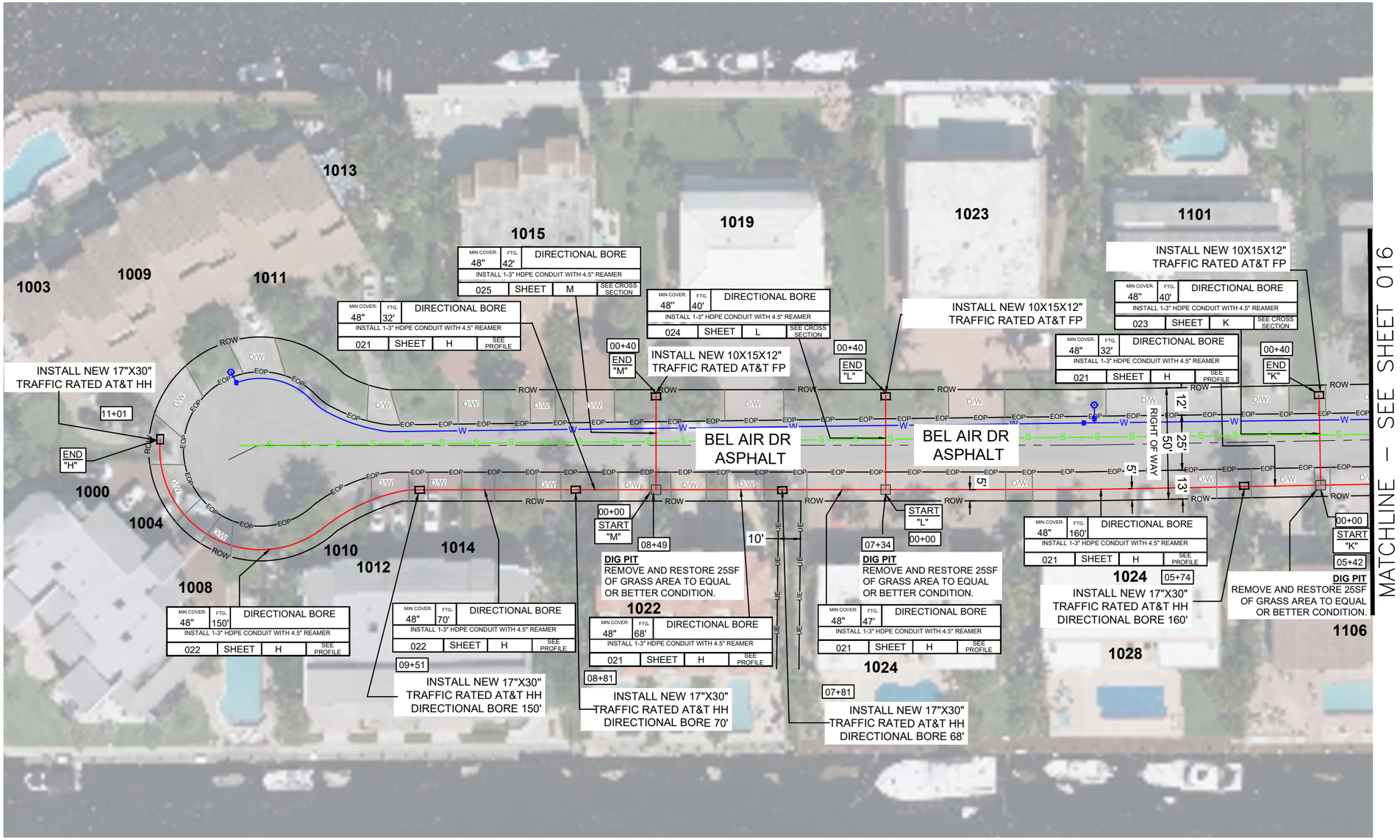
ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE:	PAGE:	OF:
1:40	019	059

PB: 25/154

TOTAL PAGE FOOTAGE:	581'
TOTAL UNDER PAVEMENT:	120'



N

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JURISDICTION:

* HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 4418 S OCEAN BLVD

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

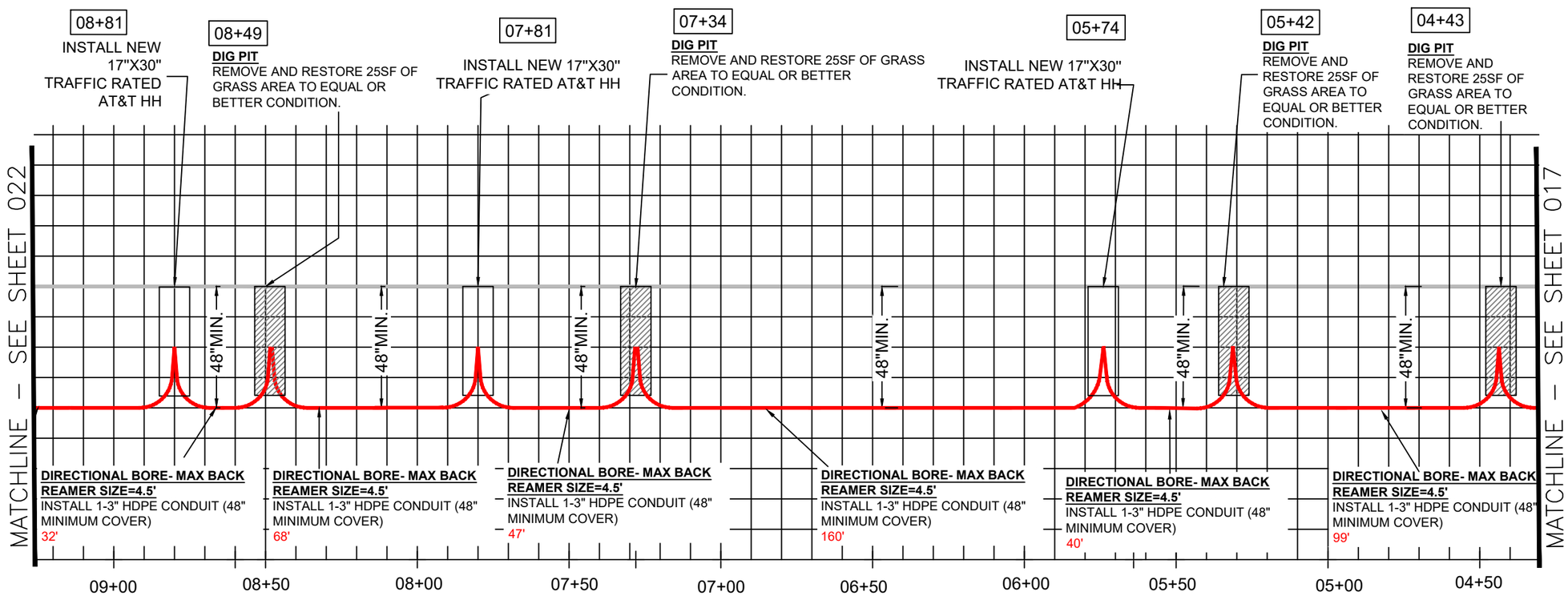
SCALE: 1:50	PAGE: 020	OF: 059

PB: 25/154

PROFILE - BEL AIR DR

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

BEL AIR DR
LOOKING: NORTH



08+81 END DIRECTIONAL BORE
08+81 17X30X24 HH
08+81 BEGIN DIRECTIONAL BORE
70'

08+49 END DIRECTIONAL BORE
08+49 17X30X24 HH
08+49 BEGIN DIRECTIONAL BORE
32'

07+81 END DIRECTIONAL BORE
07+81 17X30X24 HH
07+81 BEGIN DIRECTIONAL BORE
68'

07+34 END DIRECTIONAL BORE
07+34 PROPOSED DIG PIT
07+34 BEGIN DIRECTIONAL BORE
47'

05+74 END DIRECTIONAL BORE
05+74 17X30X24 HH
05+74 BEGIN DIRECTIONAL BORE
160'

05+42 END DIRECTIONAL BORE
05+42 PROPOSED DIG PIT
05+42 BEGIN DIRECTIONAL BORE
40'

04+43 END DIRECTIONAL BORE
04+43 PROPOSED DIG PIT
04+43 BEGIN DIRECTIONAL BORE
99'

N

ATTSE

PERMITTING

JURISDICTION:
- HIGHLAND BEACH CITY

STATE:	DISTRICT:
FLORIDA	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: 4418 S OCEAN BLVD

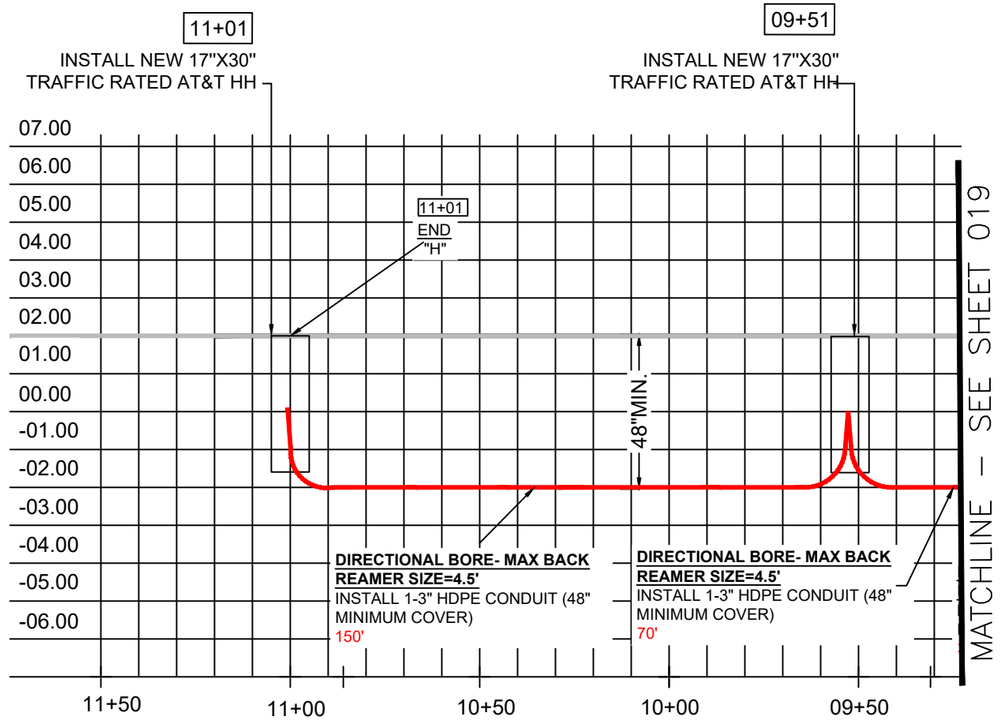
ENGINEER: HERNANDEZ, JAVIER
ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N
CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY
SCALE: 1:40
PAGE: 021
OF: 059

PB: 25/154

PROFILE - BEL AIR DR

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

BEL AIR DR
LOOKING: NORTH



11+01 END DIRECTIONAL BORE
11+01 PROPOSED DIG PIT
11+01 END H

09+51 END DIRECTIONAL BORE
09+51 17X30X24 HH
09+51 BEGIN DIRECTIONAL BORE
150'

N

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PERMITTING

JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
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811 Know what's **below.** Call before you dig.

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

PROJECT ADDRESS: 4418 S OCEAN BLVD

ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

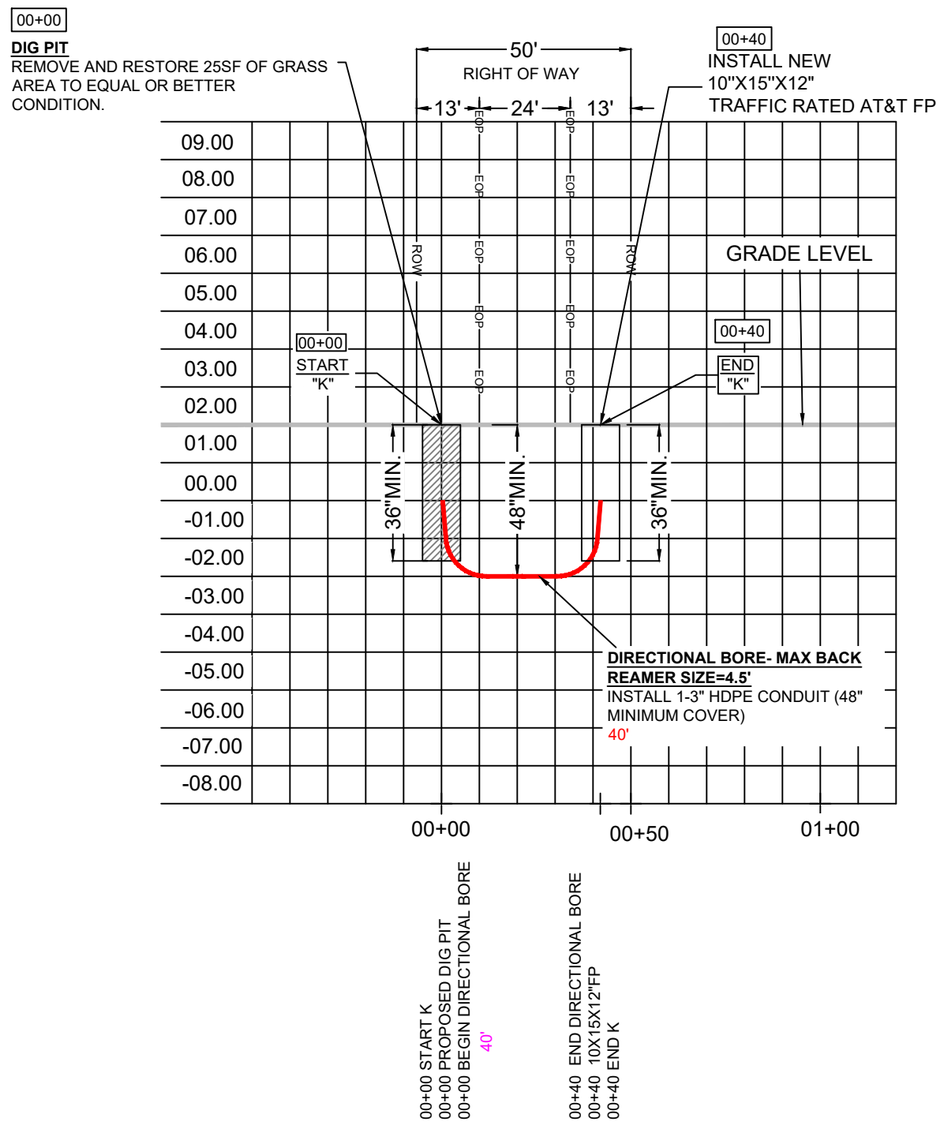
SCALE:	PAGE:	OF:
1:40	022	059

PB: 25/154

CROSS SECTION - VIEW "K"

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

BEL AIR DR
LOOKING: WEST



N

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PERMITTING

JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 4418 S OCEAN BLVD

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

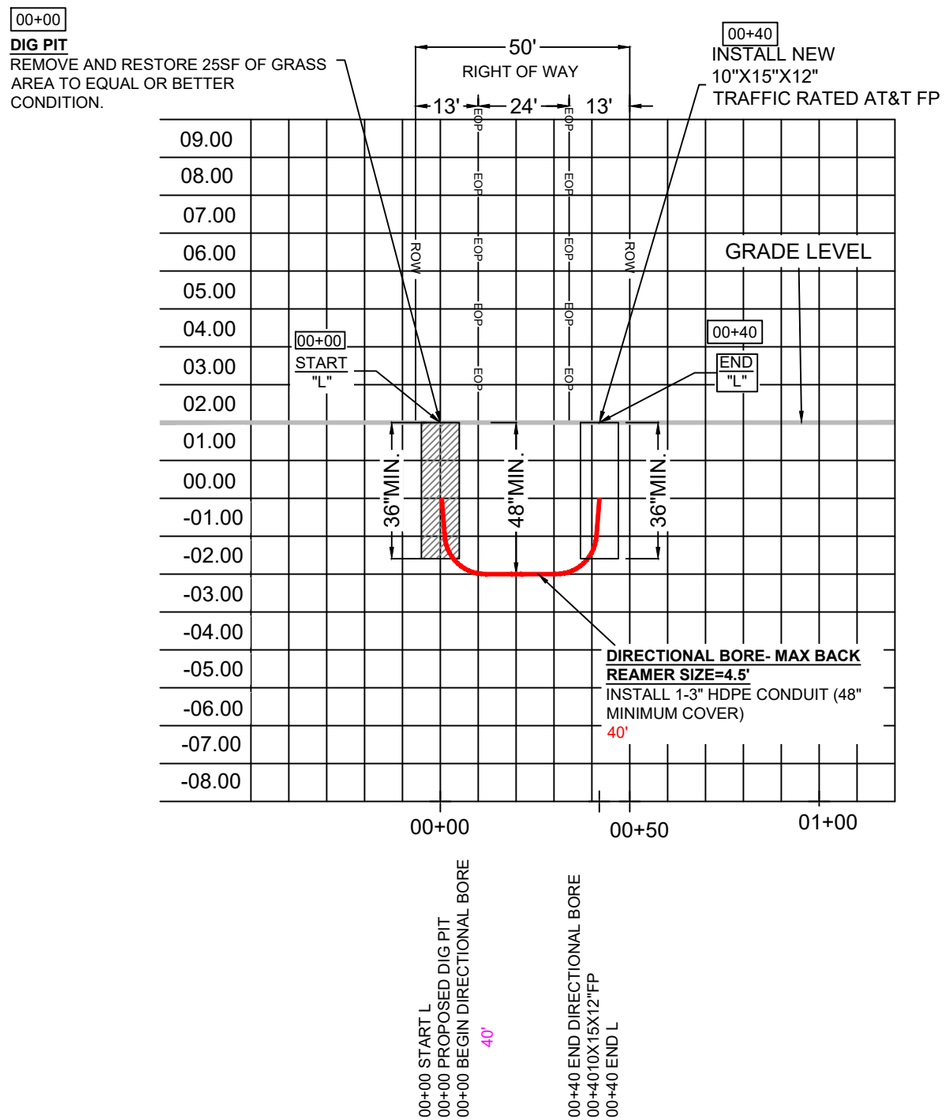
SCALE:	PAGE:	OF:
1:40	023	059

PB: 25/154

CROSS SECTION - VIEW "L"

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

BEL AIR DR
LOOKING: WEST



N

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PERMITTING

JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 4418 S OCEAN BLVD

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

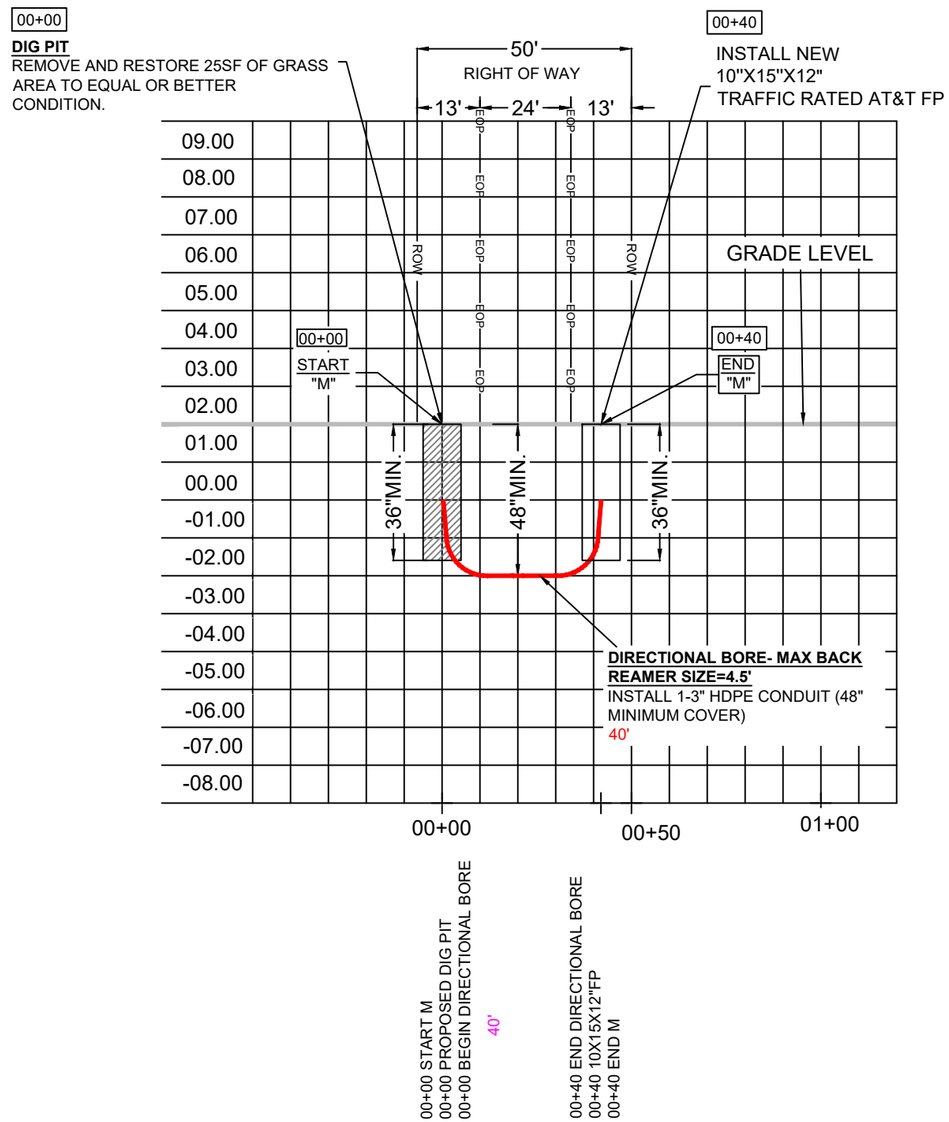
SCALE:	PAGE:	OF:
1:40	024	059

PB: 25/154

CROSS SECTION - VIEW "M"

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

BEL AIR DR
LOOKING: WEST



N

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JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 4418 S OCEAN BLVD

ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

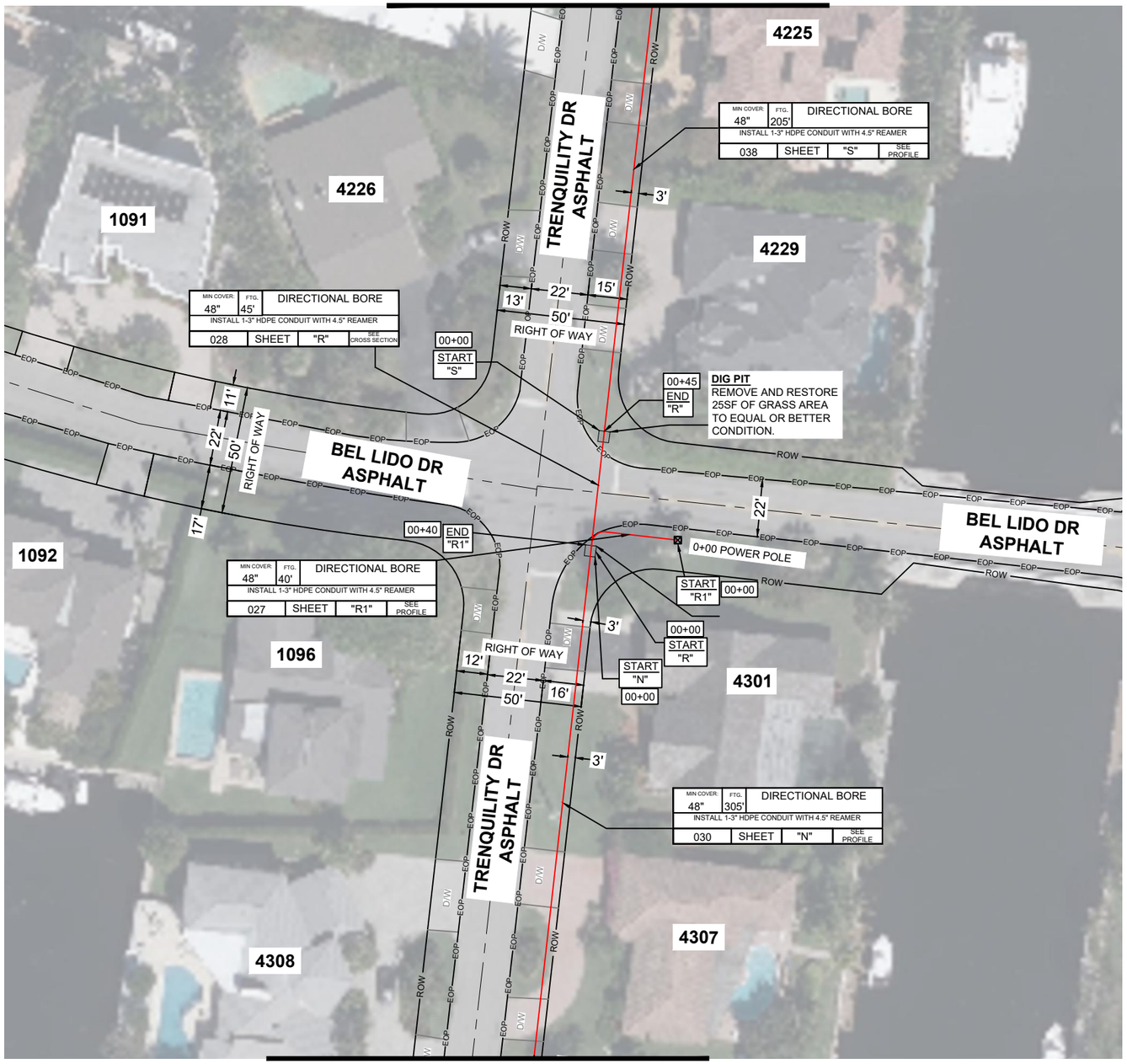
FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE:	PAGE:	OF:
1:40	025	059

PB: 25/97

TOTAL PAGE FOOTAGE:	481'
TOTAL UNDER PAVEMENT:	45'

MATCHLINE – SEE SHEET 037



MATCHLINE – SEE SHEET 029

N

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JURISDICTION:

- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 4301 TRANQUILITY DR

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE:	PAGE:	OF:
1:50	026	059

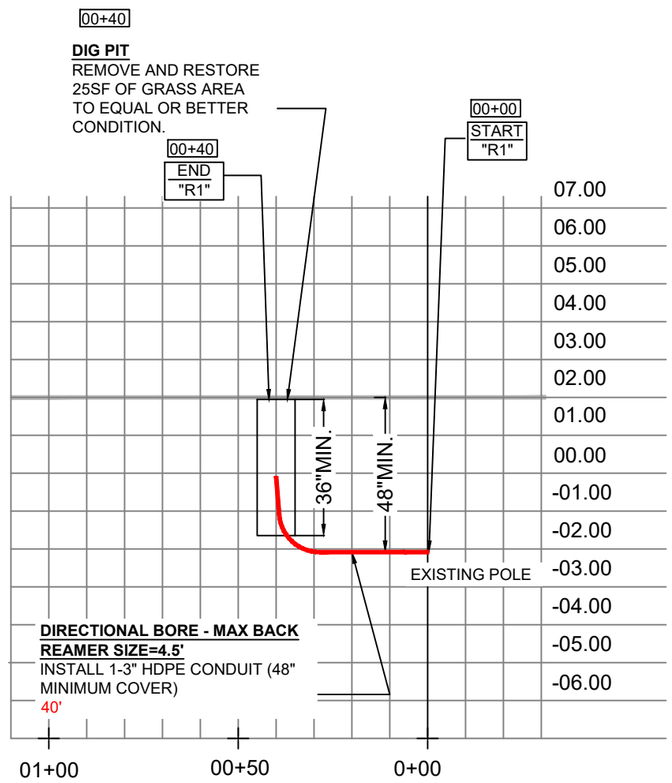
PB: 25/97

PROFILE VIEW 'R1' - BEL LIDO DR

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

BEL LIDO DR

LOOKING: NORTH



00+40 END P1
00+40 17X15X12" FP
00+40 END DIRECTIONAL BORE

00+00 START P1
00+00 BEGIN DIRECTIONAL BORE
40'

N

ATTSE

PERMITTING

JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 4301 TRANQUILITY DR

ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

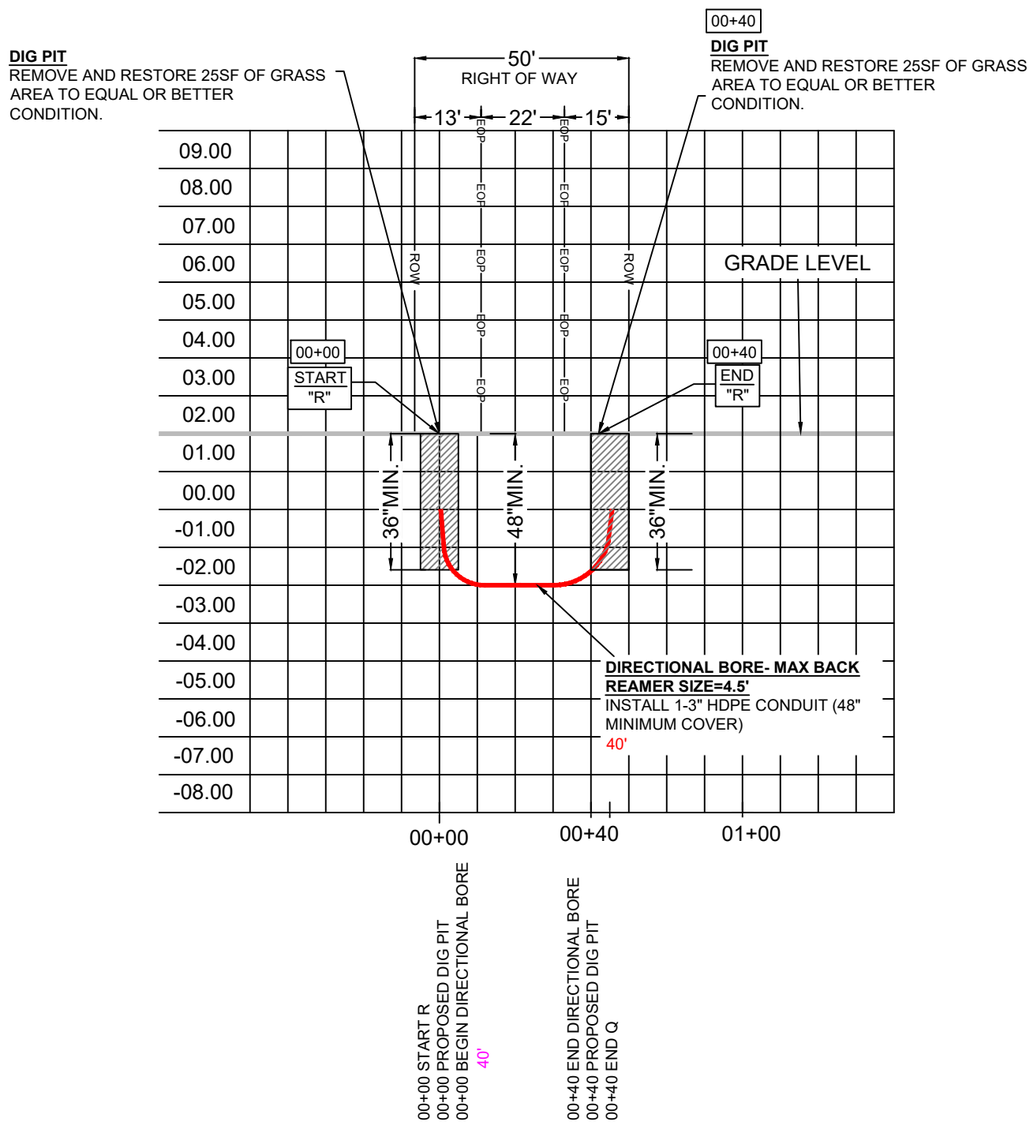
SCALE:	PAGE:	OF:
1:40	027	059

PB: 25/97

CROSS SECTION - VIEW "R"

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

TRENQUILITY DR
LOOKING: WEST



N

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PERMITTING

JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 4301 TRANQUILITY DR

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

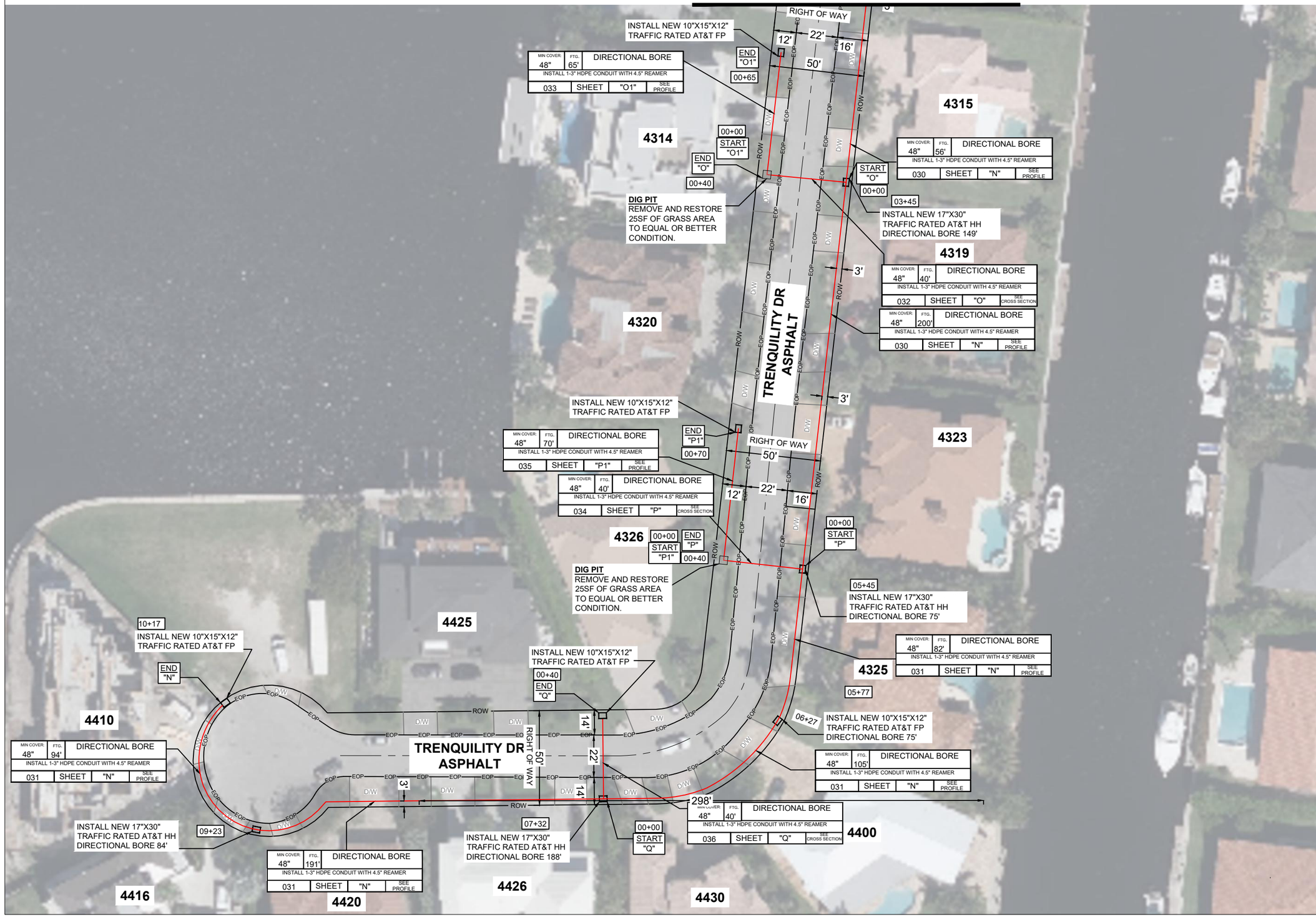
FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE: 1:40	PAGE: 028	OF: 059

PB:	25/97

TOTAL PAGE FOOTAGE:	893'
TOTAL UNDER PAVEMENT:	120'

MATCHLINE – SEE SHEET 026



N

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JURISDICTION:

- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

COUNTY: PALM BEACH	
CITY: HIGHLAND BEACH	
TOWNSHIP: 47S	
RANGE: 43E	
SECTION: 04	
PROJECT ADDRESS: 4301 TRANQUILITY DR	
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY	
SCALE: 1:50	PAGE: 029 OF: 059

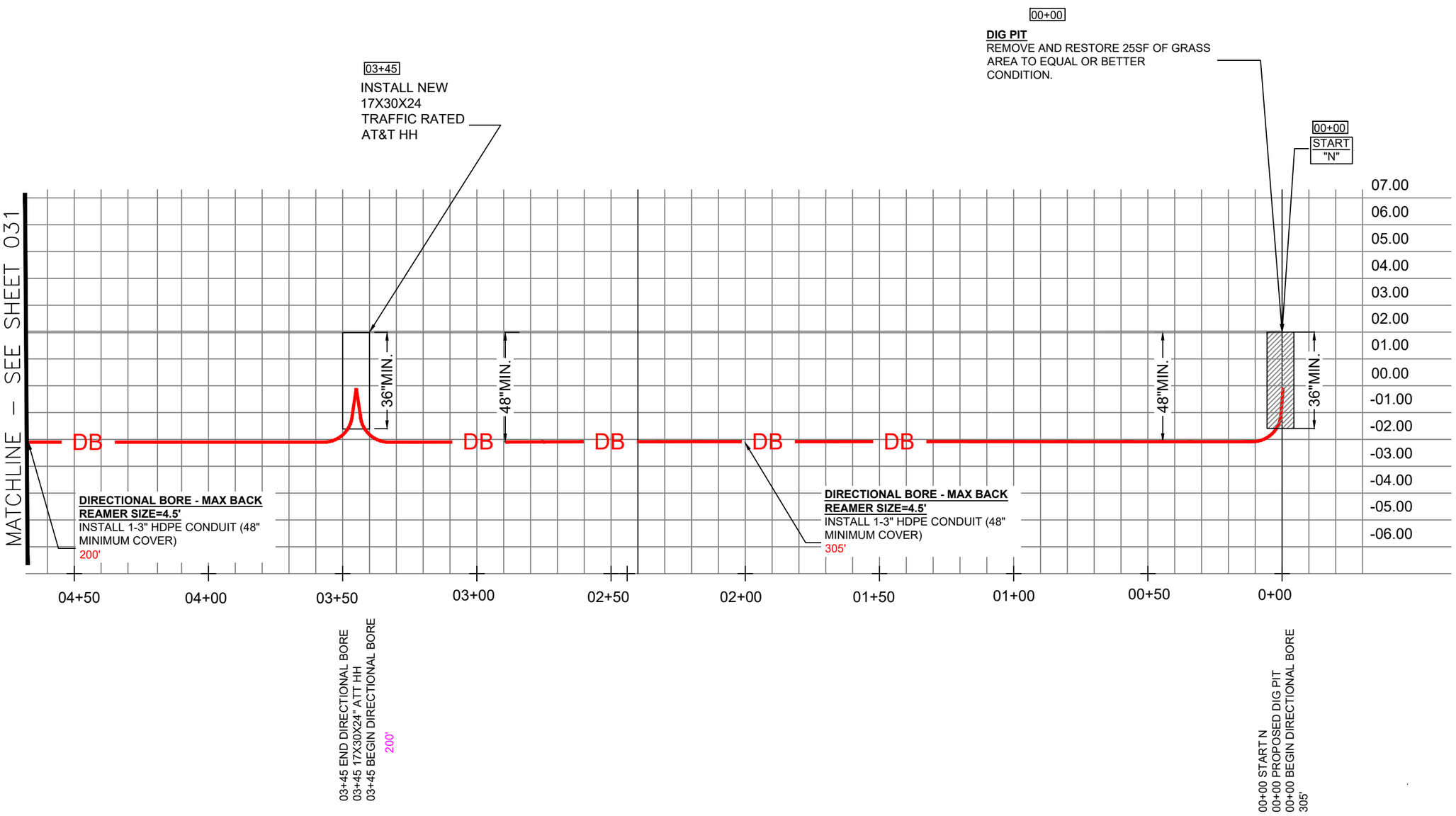
PB: 25/97

PROFILE VIEW 'N' - TRENQUILITY DR

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

TRNQUILITY DR

LOOKING: WEST



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JURISDICTION:
- HIGHLAND BEACH CITY

STATE:	DISTRICT:
FLORIDA	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: 4301 TRANQUILITY DR

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE:	PAGE:	OF:
1:40	030	059

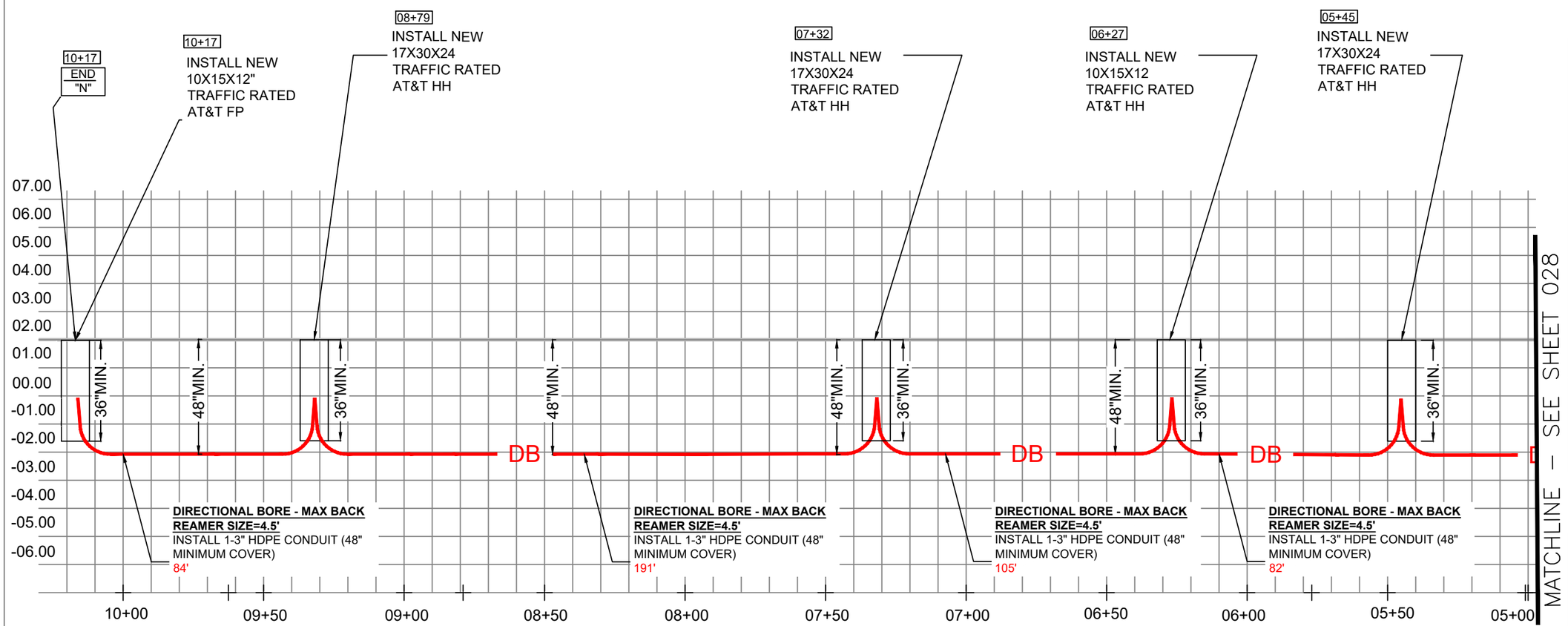
PB: 25/97

PROFILE VIEW 'N' - TRENQUILITY DR

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

TRNQUILITY DR

LOOKING: WEST



10+17 END N
10+17 17X15X12" FP
10+17 END DIRECTIONAL BORE

09+32 END DIRECTIONAL BORE
09+32 17X30X24" ATT HH
09+32 BEGIN DIRECTIONAL BORE
85'

07+32 END DIRECTIONAL BORE
07+32 17X30X24" ATT HH
07+32 BEGIN DIRECTIONAL BORE
191'

06+27 END DIRECTIONAL BORE
06+27 10X15X12" ATT FP
06+27 BEGIN DIRECTIONAL BORE
105'

05+45 END DIRECTIONAL BORE
05+45 17X30X24" ATT HH
05+45 BEGIN DIRECTIONAL BORE
82'

N

ATTSE

PERMITTING

JURISDICTION:
* HIGHLAND BEACH CITY

STATE:	DISTRICT:
FLORIDA	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: 4301 TRANQUILITY DR

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

JOB NUMBER: 1W842020N
CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

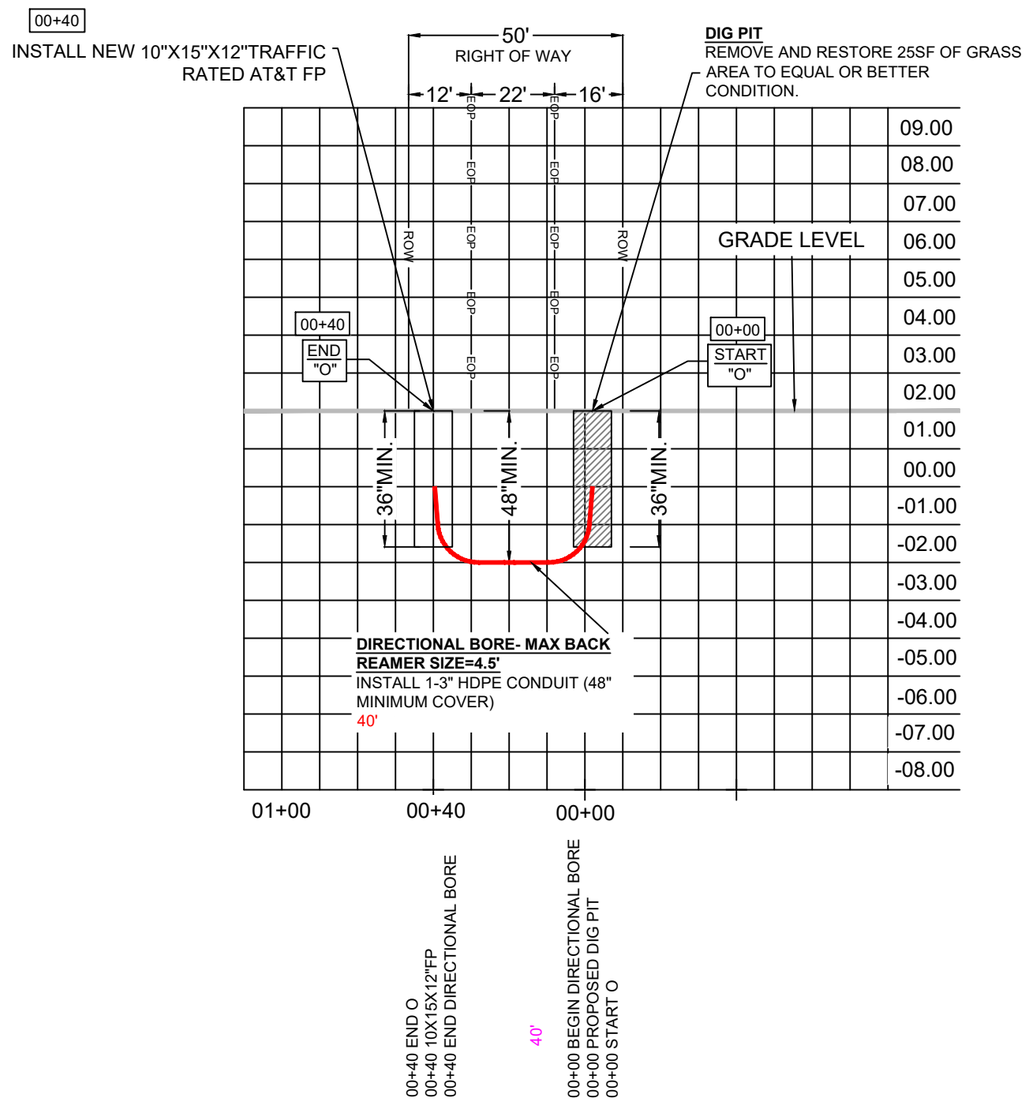
SCALE: 1:40
PAGE: 031
OF: 059

PB: 25/97

CROSS SECTION - VIEW "O"

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

TRENQUILITY DR
LOOKING: NORTH



N

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PERMITTING

JURISDICTION:
- HIGHLAND BEACH CITY

STATE:	DISTRICT:
FLORIDA	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: 4301 TRANQUILITY DR

ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

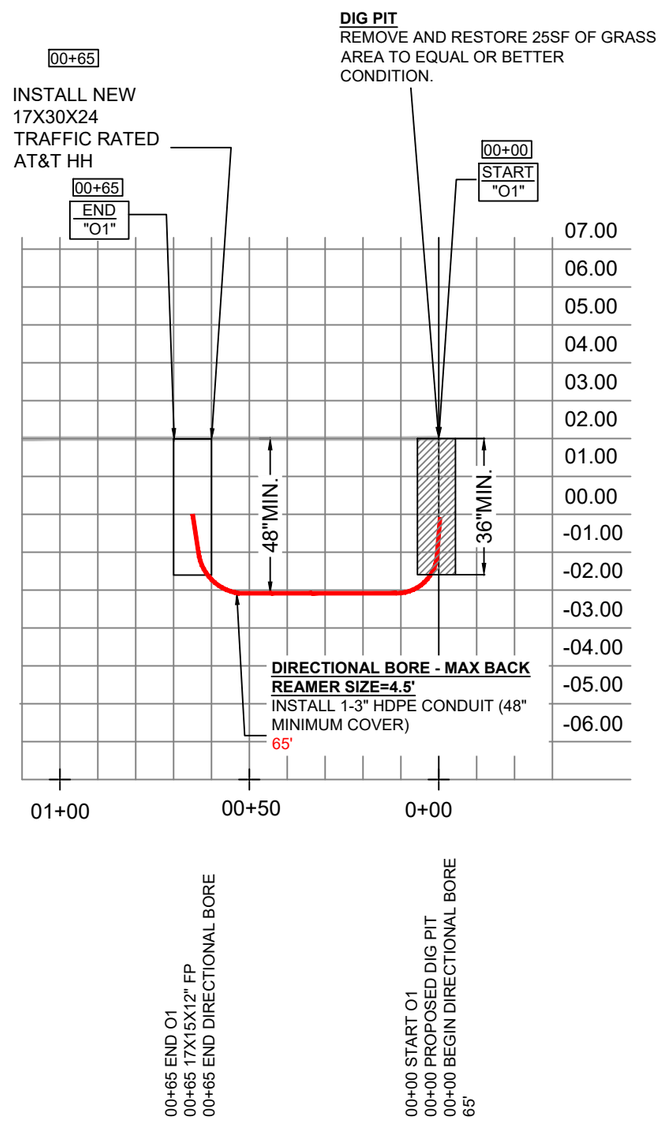
SCALE:	PAGE:	OF:
1:40	032	059

PB: 25/97

PROFILE VIEW 'O1' - TRENQUILITY DR

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

TRNQUILITY DR
LOOKING: WEST



N

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JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 4301 TRANQUILITY DR

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

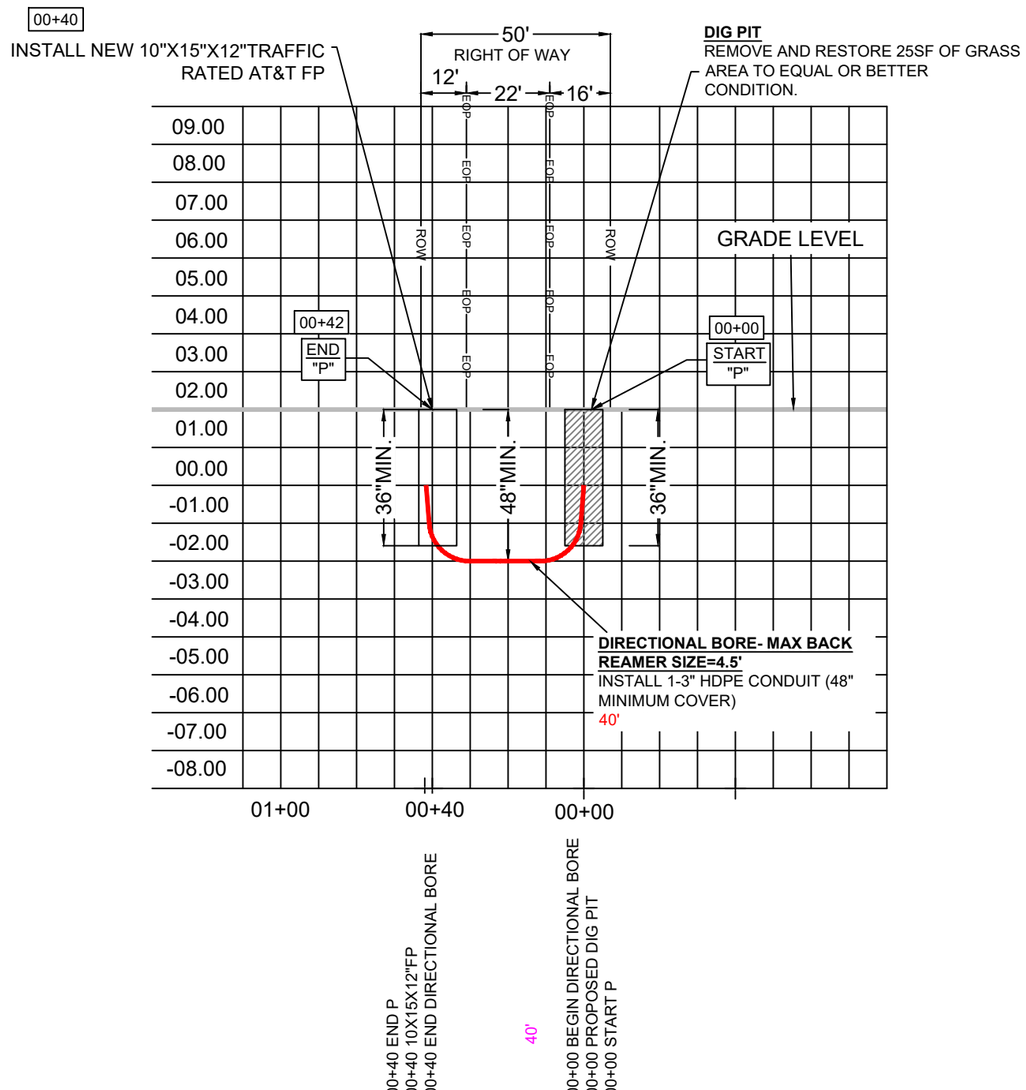
SCALE:	PAGE:	OF:
1:40	033	059

PB: 25/97

CROSS SECTION - VIEW "P"

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

TRENQUILITY DR
LOOKING: NORTH



N

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JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 4301 TRANQUILITY DR

ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE:	PAGE:	OF:
1:40	034	059

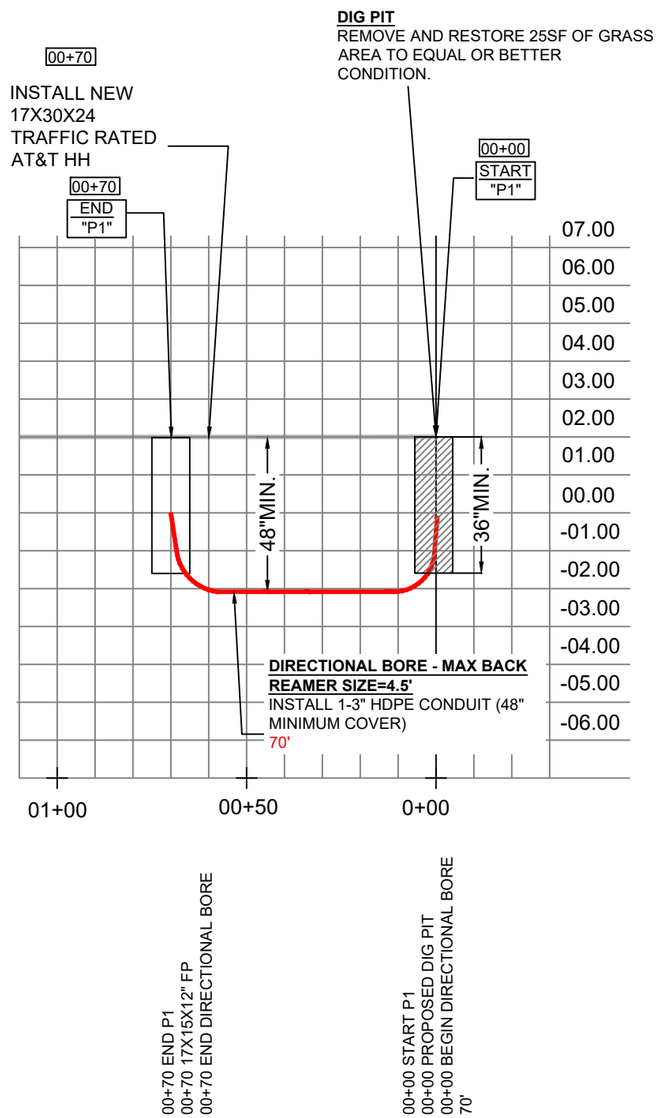
PB: 25/97

PROFILE VIEW 'P1' - TRENQUILITY DR

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

TRNQUILITY DR

LOOKING: WEST



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JURISDICTION:

- HIGHLAND BEACH CITY

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

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

PROJECT ADDRESS: 4301 TRANQUILITY DR

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

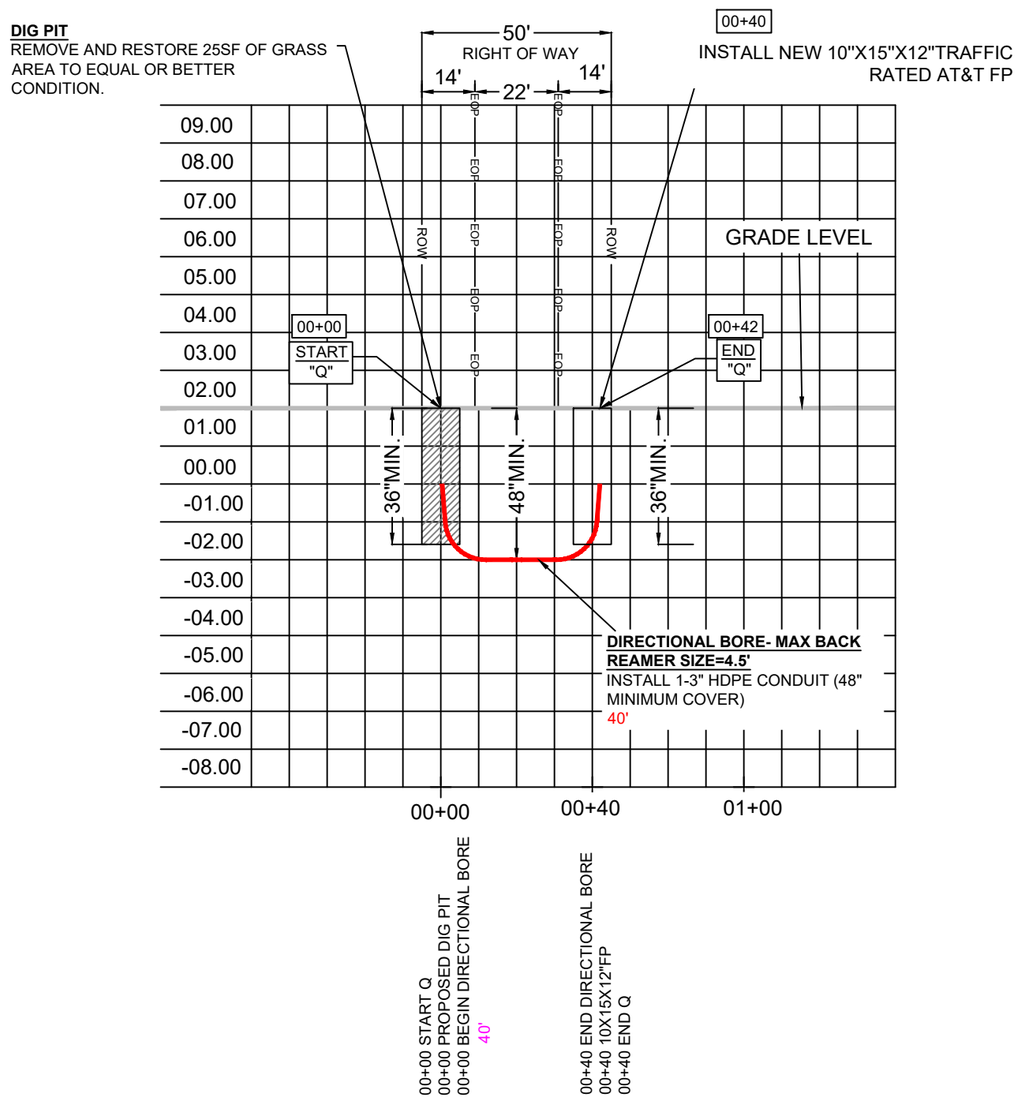
SCALE:	PAGE:	OF:
1:40	035	059

PB: 25/97

CROSS SECTION - VIEW "Q"

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

TRENQUILITY DR
LOOKING: WEST



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JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

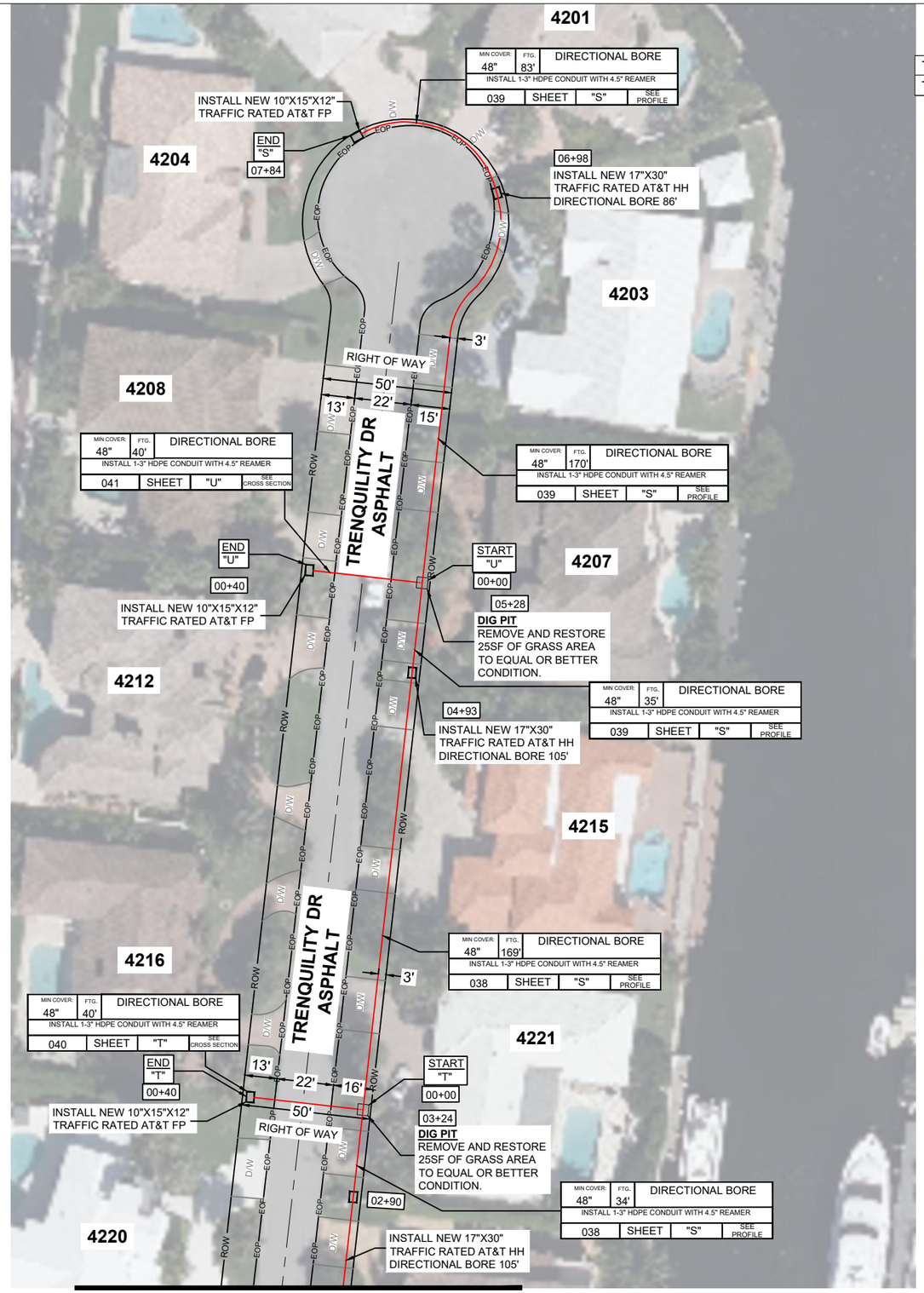
COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS: 4301 TRANQUILITY DR

ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE:	PAGE:	OF:
1:40	036	059



MATCHLINE – SEE SHEET 026

PB: 25/97

TOTAL PAGE FOOTAGE:	498'
TOTAL UNDER PAVEMENT:	80'

N

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JURISDICTION:

- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	20

PROJECT ADDRESS: 525 SW 6TH AVE

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_PALM BEACH COUNTY

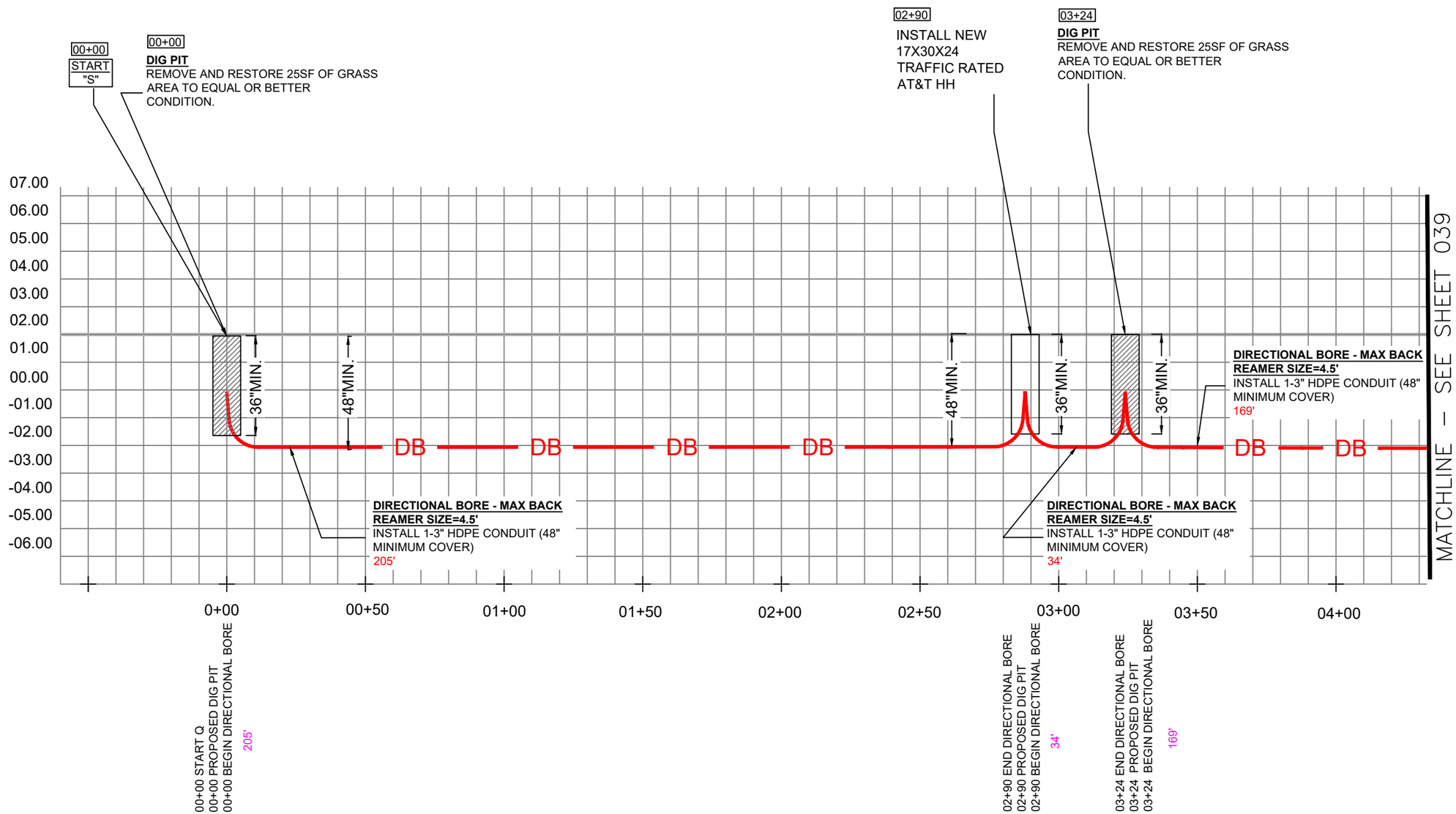
SCALE:	PAGE:	OF:
1:50	037	059

PB: 25/97

PROFILE VIEW 'S' - TRENQUILITY DR

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

TRNQUILITY DR
LOOKING: WEST



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JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 4301 TRANQUILITY DR

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE:	PAGE:	OF:
1:40	038	059

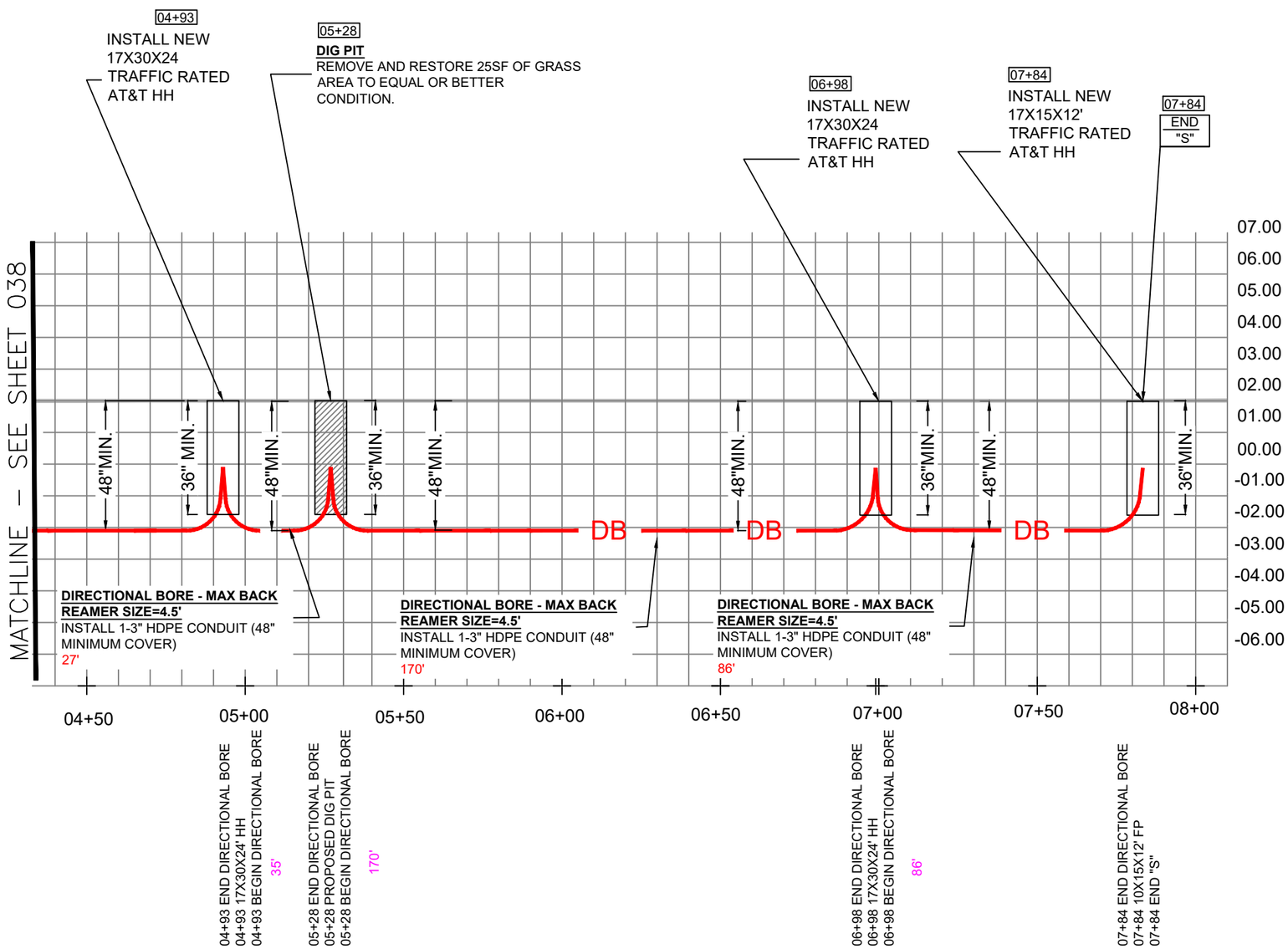
PB: 25/97

PROFILE VIEW 'S' - TRENQUILITY DR

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

TRNQUILITY DR

LOOKING: WEST



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JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

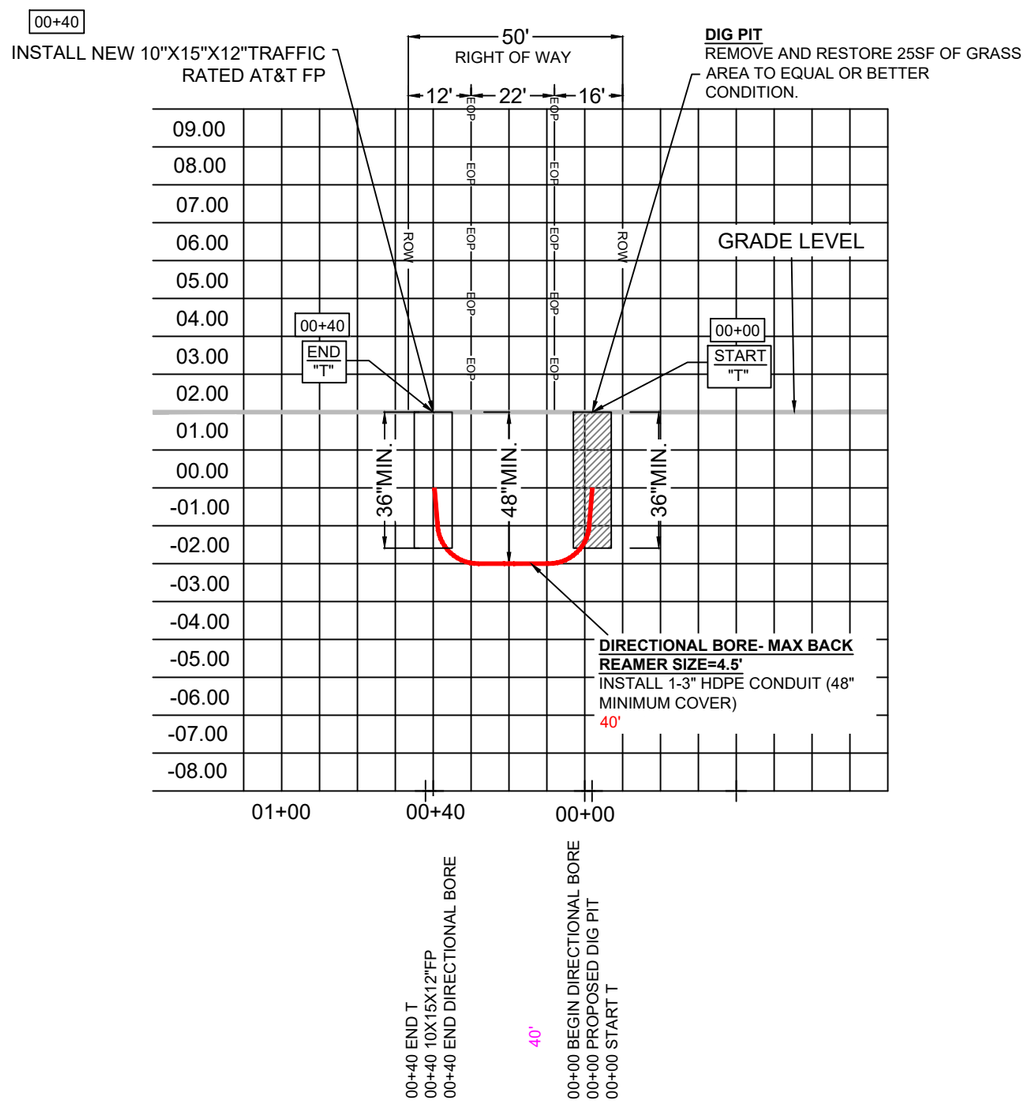
COUNTY: PALM BEACH	
CITY: HIGHLAND BEACH	
TOWNSHIP: 47S	
RANGE: 43E	
SECTION: 04	
PROJECT ADDRESS: 4301 TRANQUILITY DR	
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY	
SCALE: 1:40	PAGE: 039 OF: 059

PB: 25/97

CROSS SECTION - VIEW "T"

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

TRENQUILITY DR
LOOKING: NORTH



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JURISDICTION:
- HIGHLAND BEACH CITY

STATE:	DISTRICT:
FLORIDA	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: 4301 TRANQUILITY DR

ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

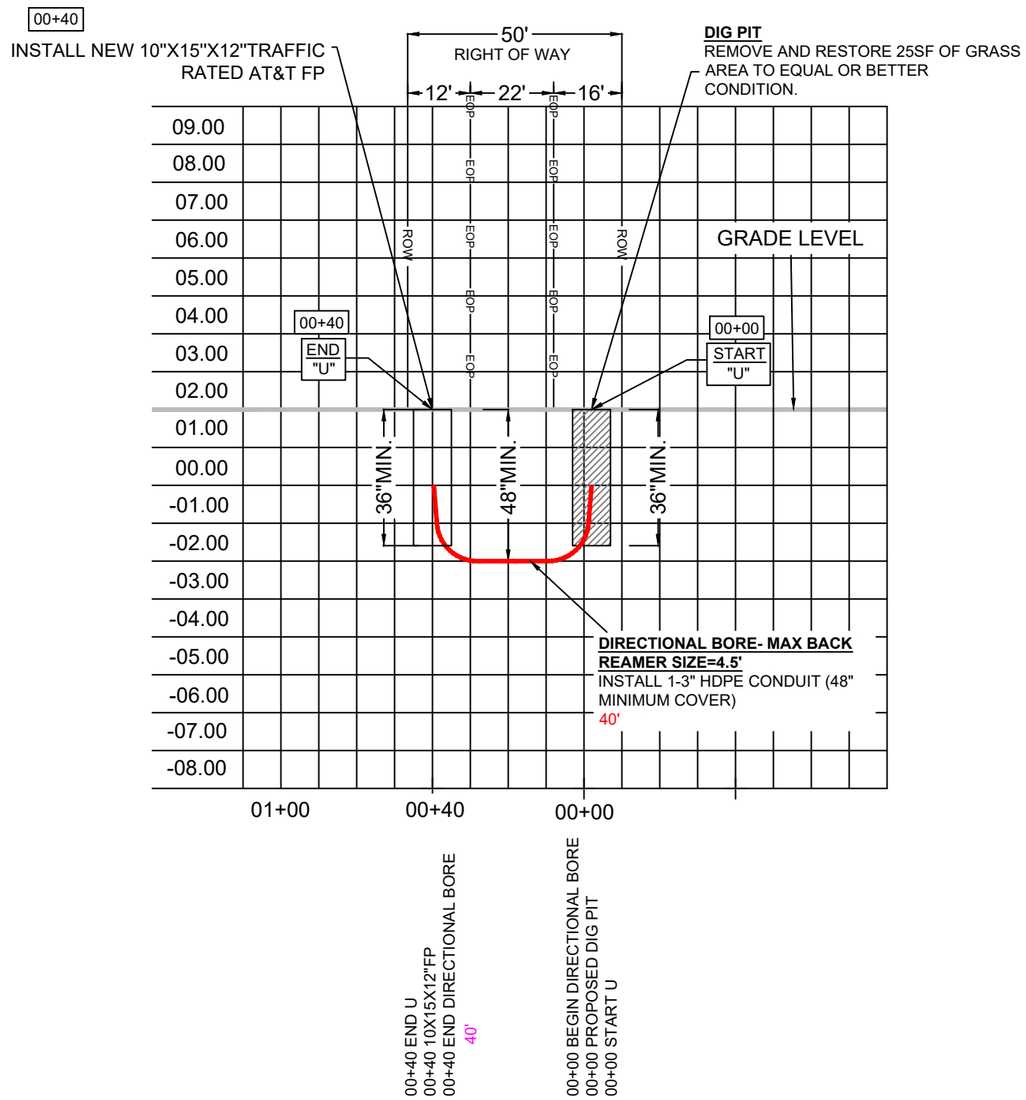
SCALE:	PAGE:	OF:
1:40	040	059

PB: 25/97

CROSS SECTION - VIEW "U"

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

TRENQUILITY DR
LOOKING: NORTH



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JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

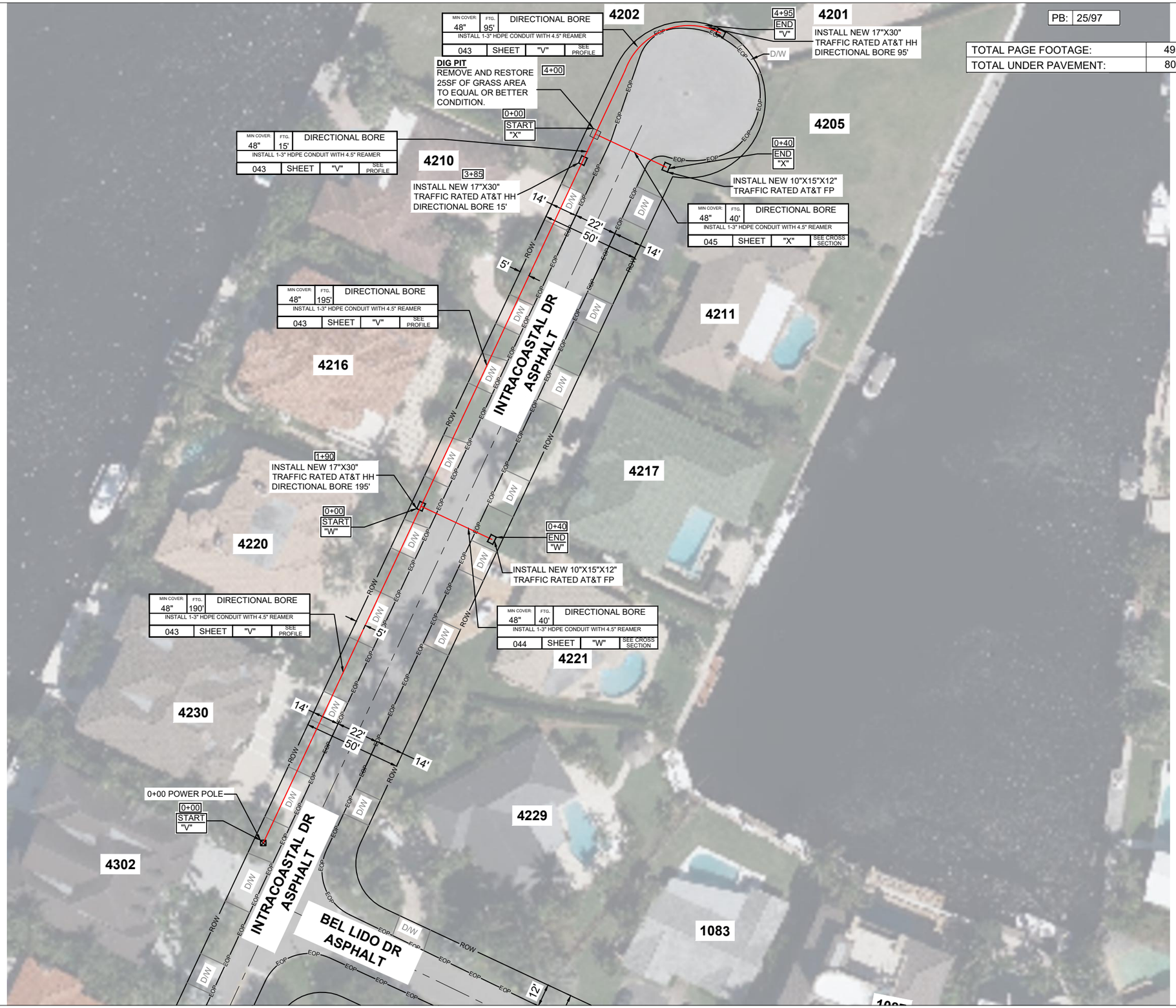
COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS: 4301 TRANQUILITY DR

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE: 1:40	PAGE: 041	OF: 059



PB: 25/97

TOTAL PAGE FOOTAGE:	495'
TOTAL UNDER PAVEMENT:	80'

N

ATTSE

PERMITTING

JURISDICTION:

- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 4302 INTRACOASTAL DR

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

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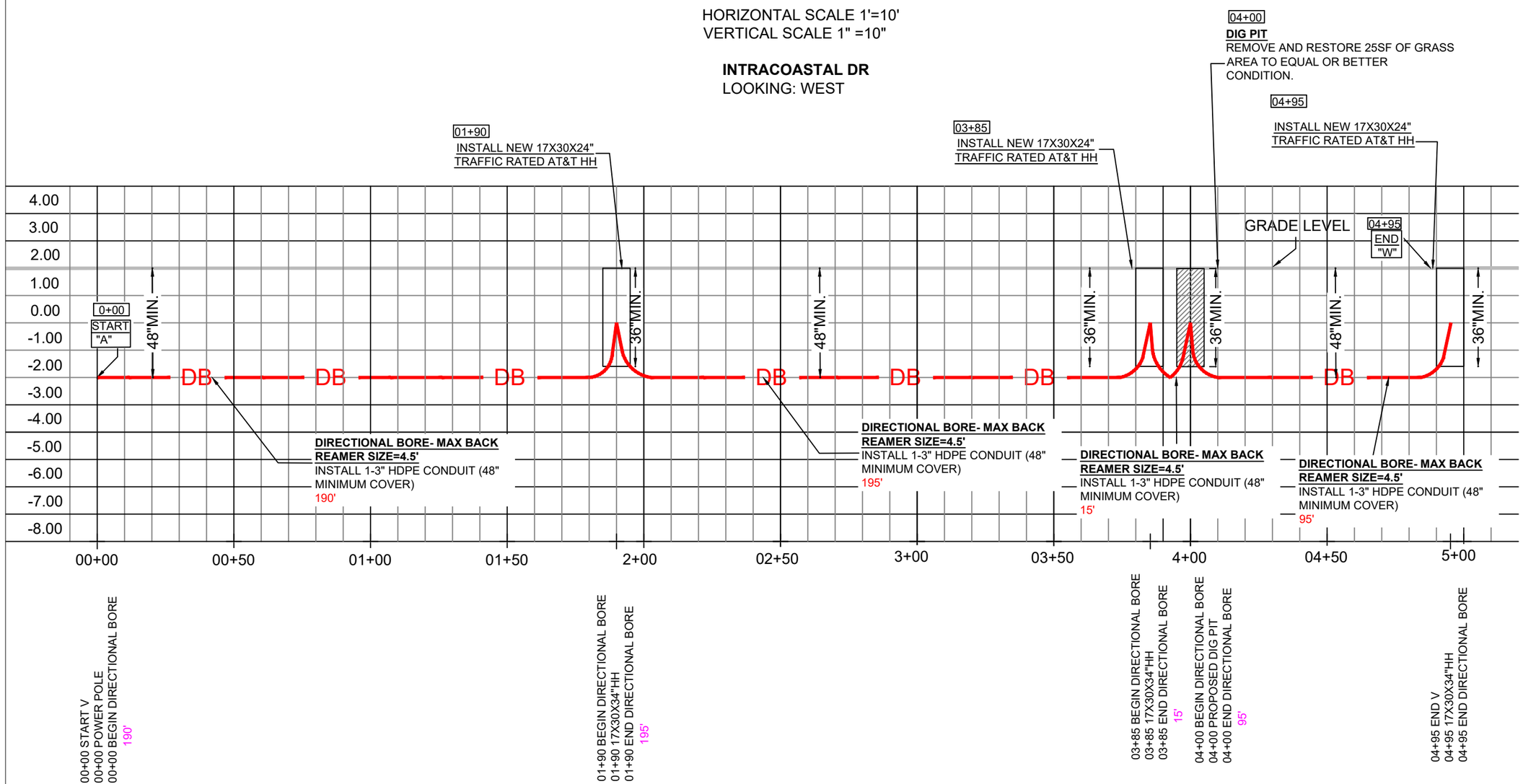
PB: 25/97

CROSS SECTION -VIEW "V"

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

INTRACOASTAL DR
LOOKING: WEST



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JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 4301 TRANQUILITY DR

ENGINEER: HERNANDEZ, JAVIER
ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N
CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY

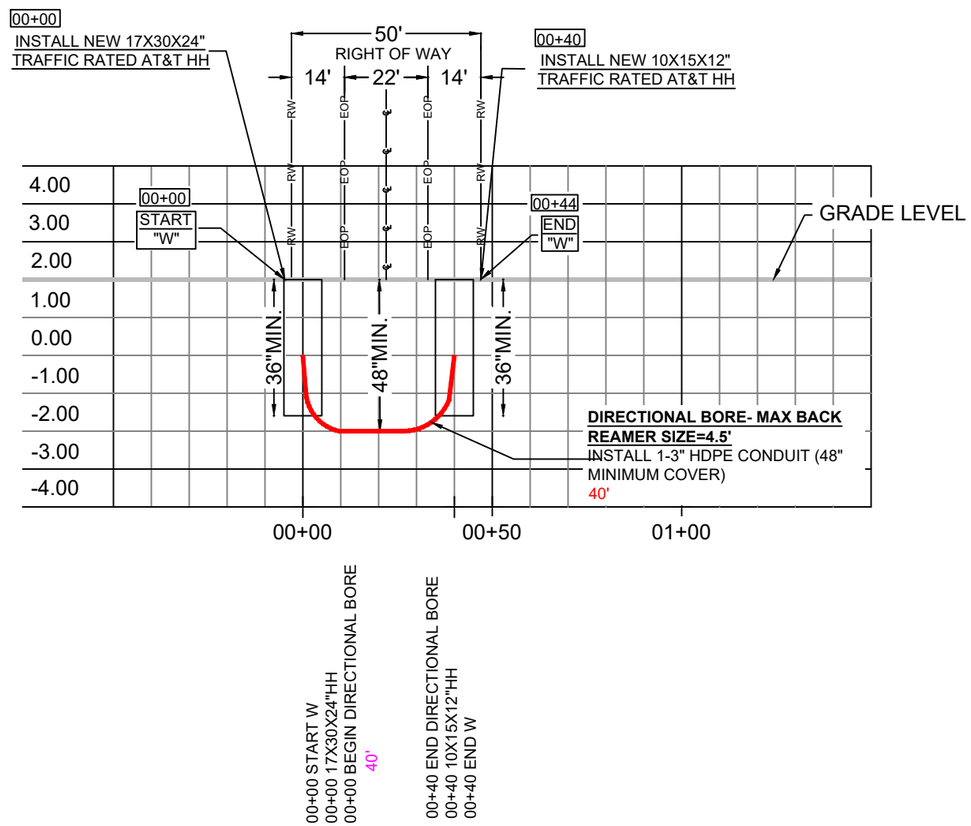
SCALE: 1:40
PAGE: 043
OF: 059

PB: 25/97

CROSS SECTION -VIEW "W"

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

INTRACOASTAL DR
LOOKING: NORTH



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JURISDICTION:
- HIGHLAND BEACH CITY

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: 4302 INTRACOASTAL DR

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

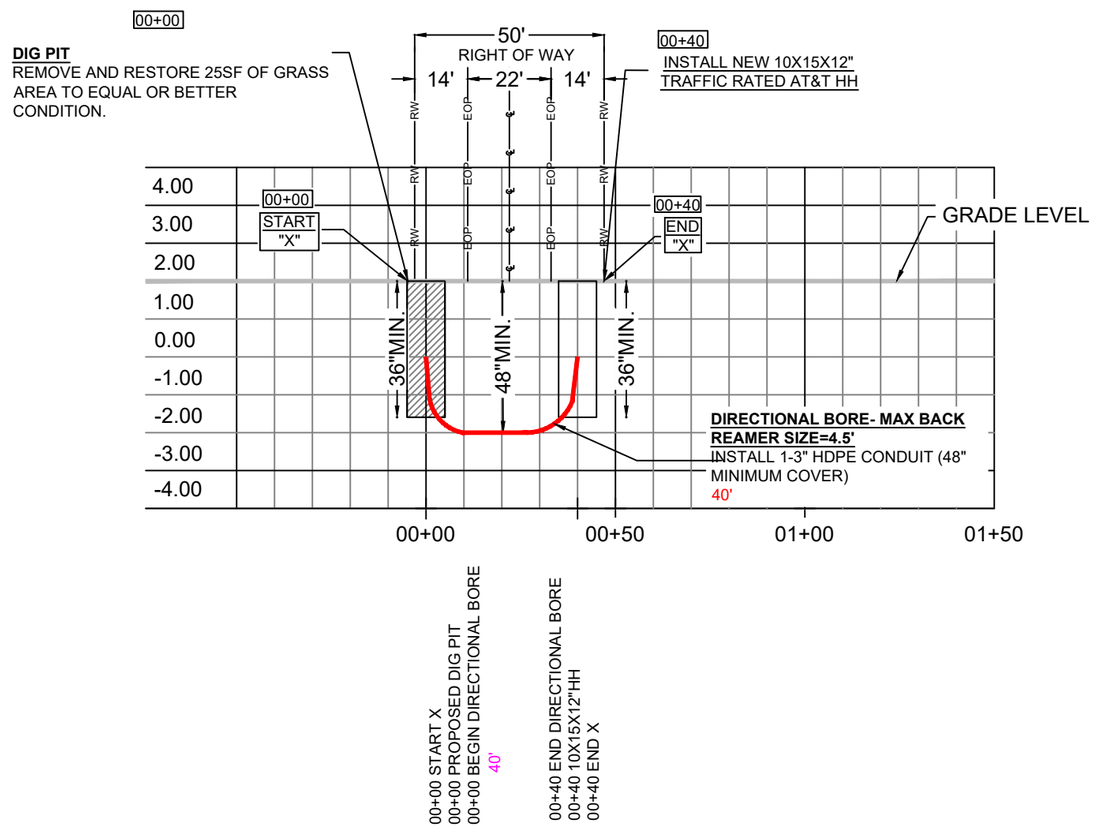
SCALE: 1:40	PAGE: 044	OF: 059

PB: 25/97

CROSS SECTION -VIEW "X"

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

INTRACOASTAL DR
LOOKING: NORTH



N

ATTSE

PERMITTING

JURISDICTION:
* HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 4302 INTRACOASTAL DR

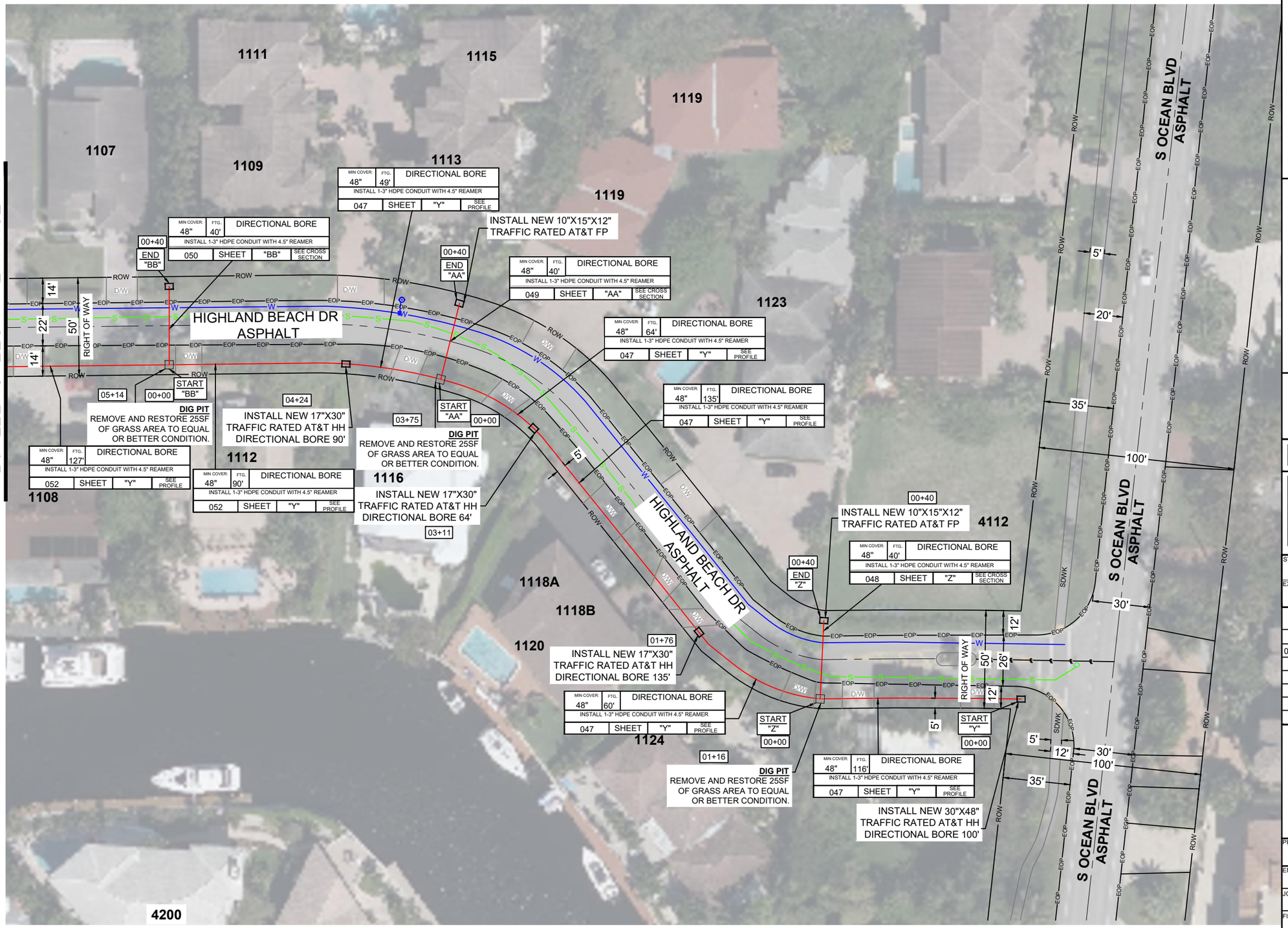
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE: 1:40	PAGE: 045	OF: 059

TOTAL PAGE FOOTAGE:	580'
TOTAL UNDER PAVEMENT:	120'

PB:	25/97



ATTSE

PERMITTING

JURISDICTION:

- HIGHLAND BEACH CITY

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: 4118 S OCEAN BLVD

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE: 1:50	PAGE: 046	OF: 059

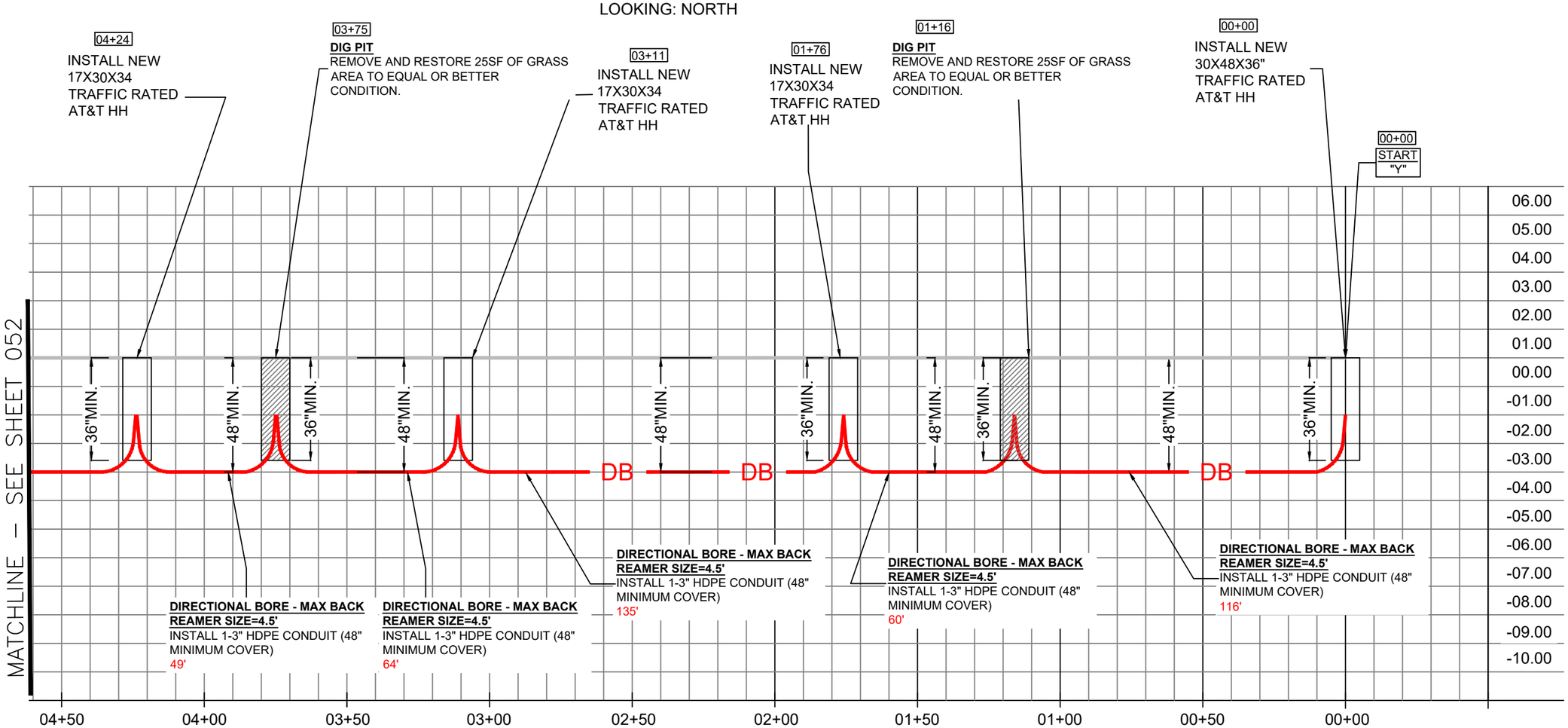
PB: 25/97

PROFILE - HIGHLAND BEACH DR

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

HIGHLAND BEACH DR

LOOKING: NORTH



04+24 BEGIN DIRECTIONAL BORE
04+24 17X30X34"HH
04+24 END DIRECTIONAL BORE
90'

03+75 BEGIN DIRECTIONAL BORE
03+75 PROPOSED DIG PIT
03+75 END DIRECTIONAL BORE
49'

03+11 BEGIN DIRECTIONAL BORE
03+11 17X30X34"HH
03+11 END DIRECTIONAL BORE
64'

01+76 BEGIN DIRECTIONAL BORE
01+76 17X30X34"HH
01+76 END DIRECTIONAL BORE
135'

01+16 BEGIN DIRECTIONAL BORE
01+16PROPOSED DIG PIT
01+16 END DIRECTIONAL BORE
60'

00+00 START Y
00+00 30X48X36"HH
00+00 BEGIN DIRECTIONAL BORE
116'

N

ATTSE

PERMITTING

JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

COUNTY: PALM BEACH	
CITY: HIGHLAND BEACH	
TOWNSHIP: 47S	
RANGE: 43E	
SECTION: 04	
PROJECT ADDRESS: 4118 S OCEAN BLVD	
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY	
SCALE: 1:40	PAGE: 047 OF: 059

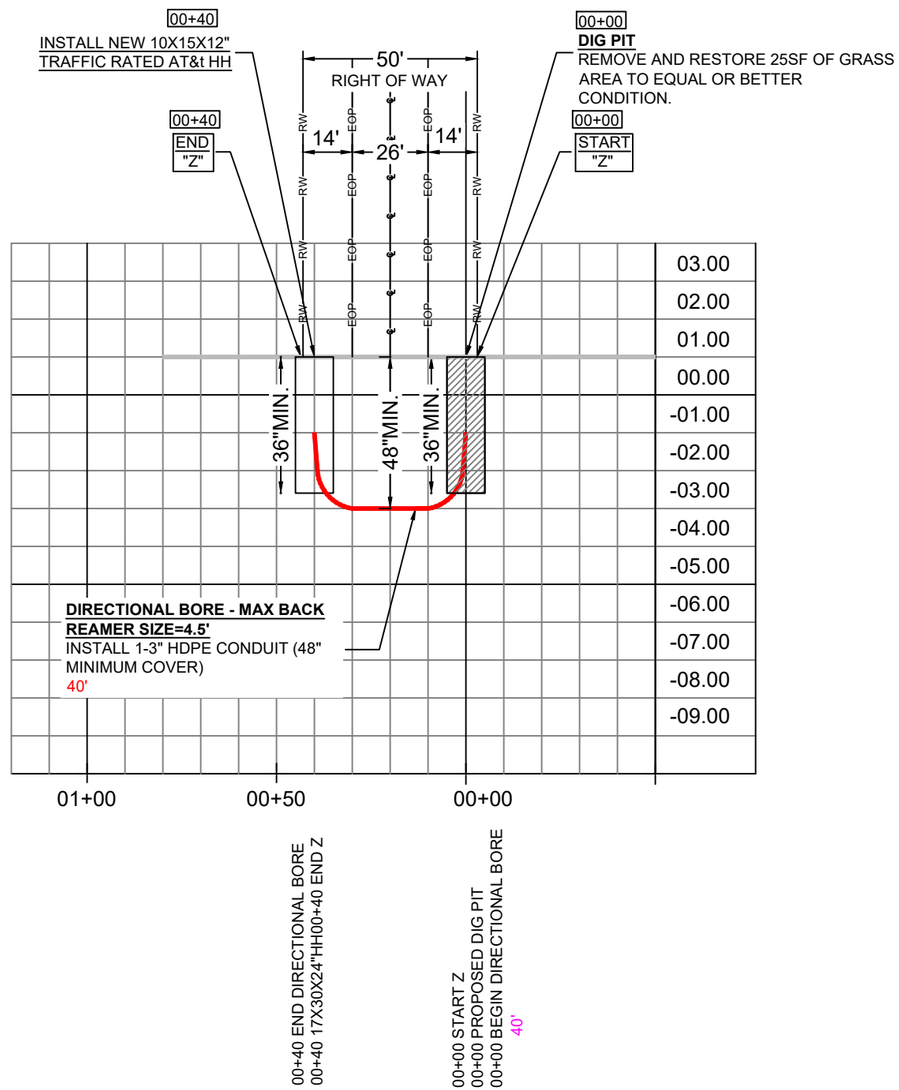
PB: 25/97

CROSS SECTION- VIEW "Z"

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

HIGHLAND BEACH DR

LOOKING: WEST



N

ATTSE

PERMITTING

JURISDICTION:

- HIGHLAND BEACH CITY

STATE:	DISTRICT:
FLORIDA	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: 4118 S OCEAN BLVD

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE:	PAGE:	OF:
1:40	048	059

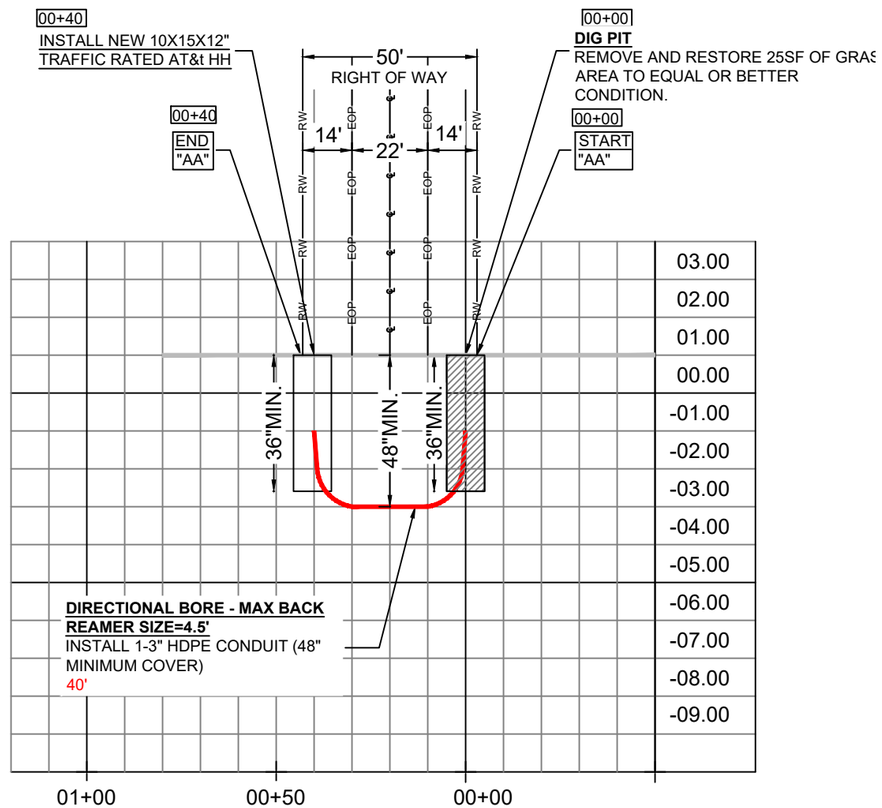
PB: 25/97

CROSS SECTION- VIEW "AA"

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

HIGHLAND BEACH DR

LOOKING: WEST



0 END DIRECTIONAL BORE
0 17X30X24"HH
0 END AA

0 START AA
0 PROPOSED DIG PIT
0 BEGIN DIRECTIONAL BORE
40'

N

ATTSE

PERMITTING

JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

PROJECT ADDRESS: 4118 S OCEAN BLVD

ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE:	PAGE:	OF:
1:40	049	059

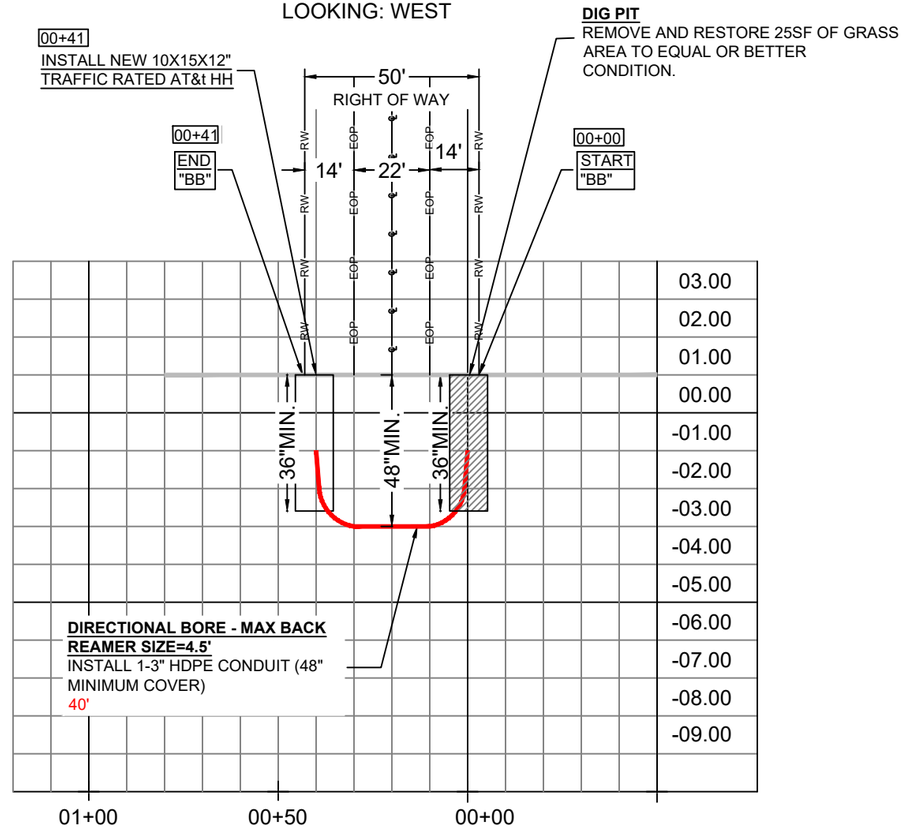
PB: 25/97

CROSS SECTION- VIEW "BB"

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

HIGHLAND BEACH DR

LOOKING: WEST



00+40 END DIRECTIONAL BORE
00+40 17X30X24" HH
00+40 END BB

00+00 START BB
00+00 PROPOSED DIG PIT
00+00 BEGIN DIRECTIONAL BORE
40'

N

ATTSE

PERMITTING

JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

PROJECT ADDRESS: 4118 S OCEAN BLVD

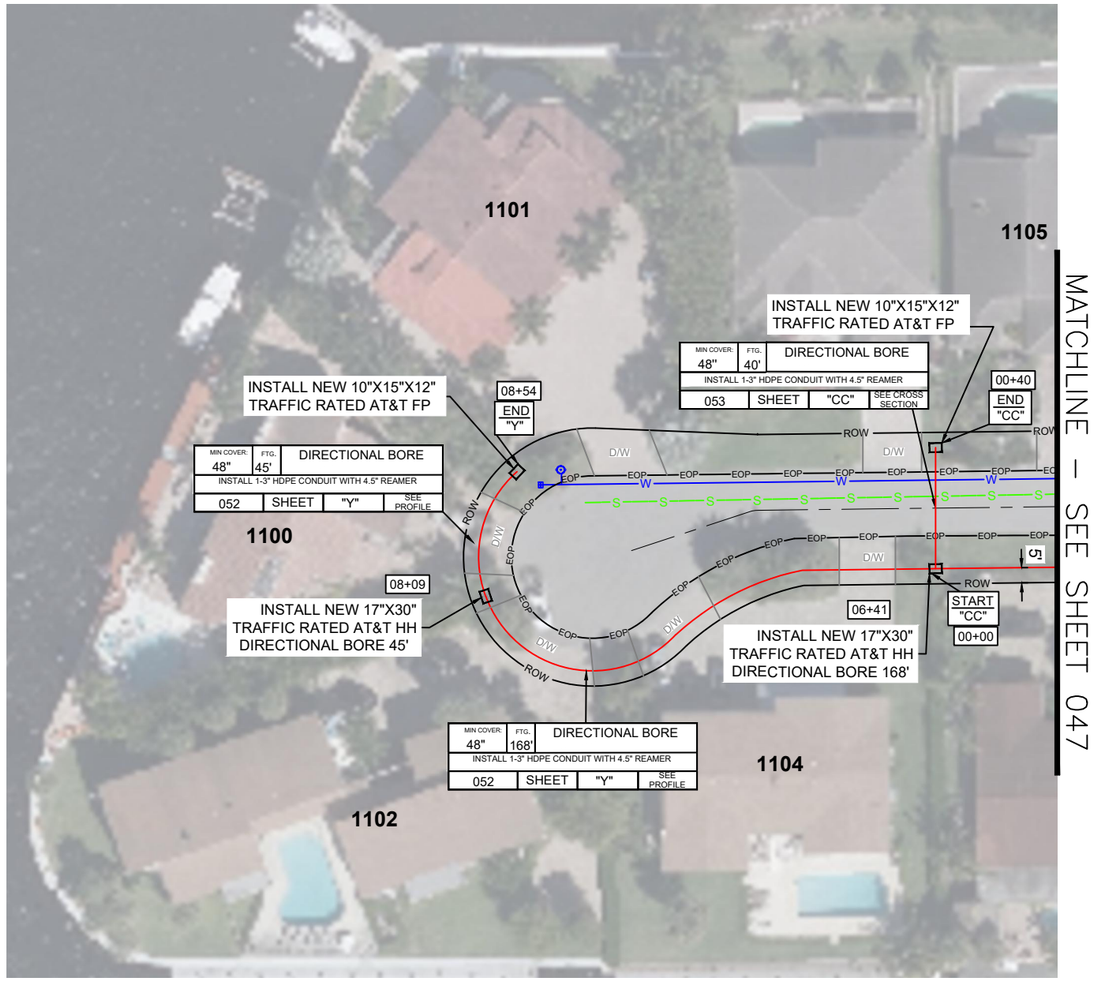
ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE:	PAGE:	OF:
1:40	050	059

PB: 25/97

TOTAL PAGE FOOTAGE:	259'
TOTAL UNDER PAVEMENT:	40'



MATCHLINE – SEE SHEET 047

N

ATTSE

PERMITTING

JURISDICTION:

- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

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

PROJECT ADDRESS: 4118 S OCEAN BLVD

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE:	PAGE:	OF:
1:50	051	059

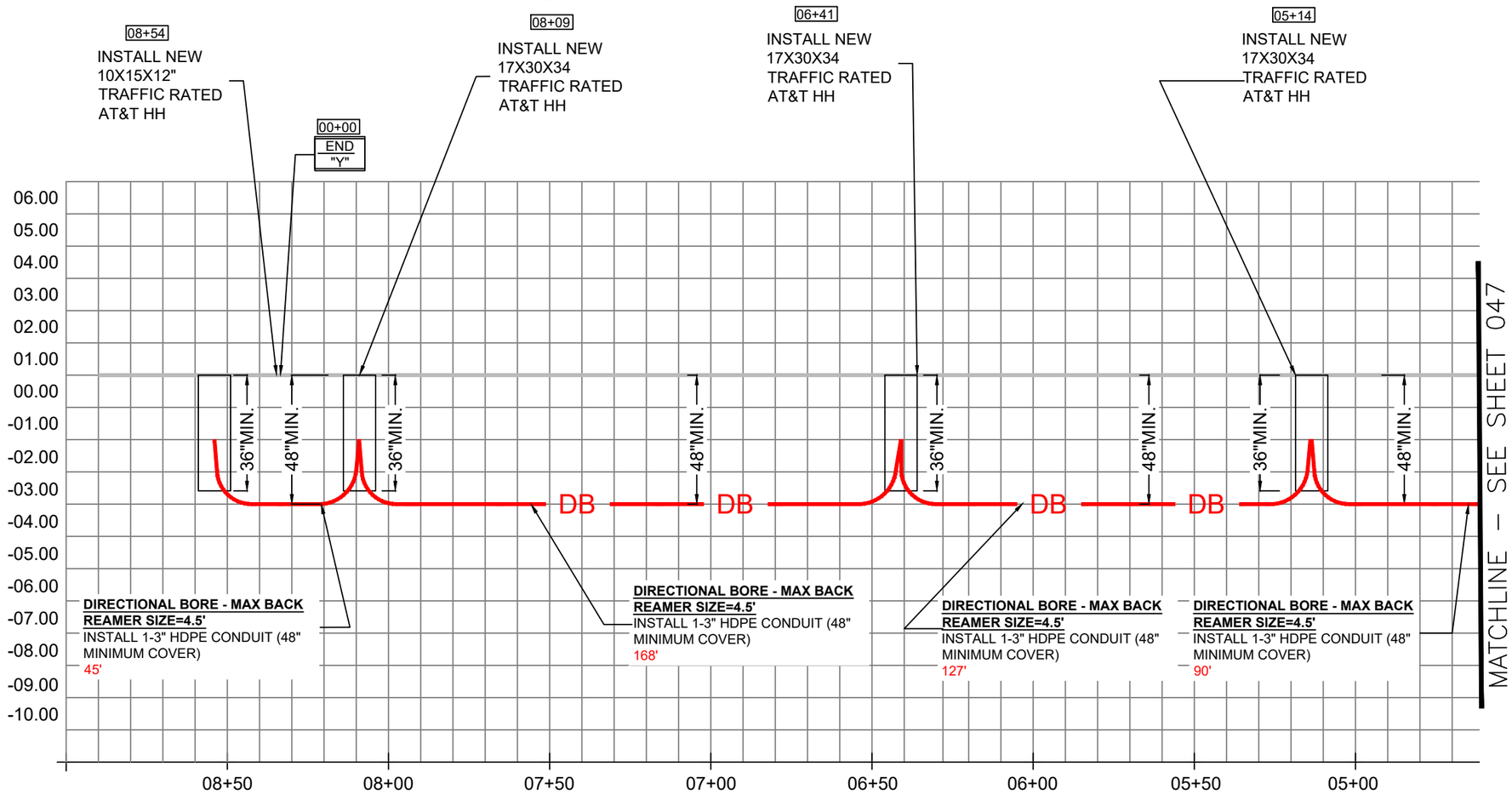
PB: 25/97

PROFILE - HIGHLAND BEACH DR

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

HIGHLAND BEACH DR

LOOKING: NORTH



08+54 END Y
08+54 10X15X12"HH
08+54 END DIRECTIONAL BORE

08+09 BEGIN DIRECTIONAL BORE
08+09 17X30X34"HH
08+09 END DIRECTIONAL BORE
45'

06+41 BEGIN DIRECTIONAL BORE
06+41 17X30X34"HH
06+41 END DIRECTIONAL BORE
168'

05+14 BEGIN DIRECTIONAL BORE
05+14 17X30X34"HH
05+14 END DIRECTIONAL BORE
127'

MATCHLINE – SEE SHEET 047

N

ATTSE

PERMITTING

JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

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Know what's below. Call before you dig.

COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04
PROJECT ADDRESS:	4118 S OCEAN BLVD
ENGINEER:	HERNANDEZ, JAVIER
ENG PH #:	305-929-2166
JOB NUMBER:	1W842020N
CFAS PROJECT NUMBER:	A029ELL
FILE NAME:	1W842020N_HIGHLAND BEACH CITY
SCALE:	1:40
PAGE:	052
OF:	059

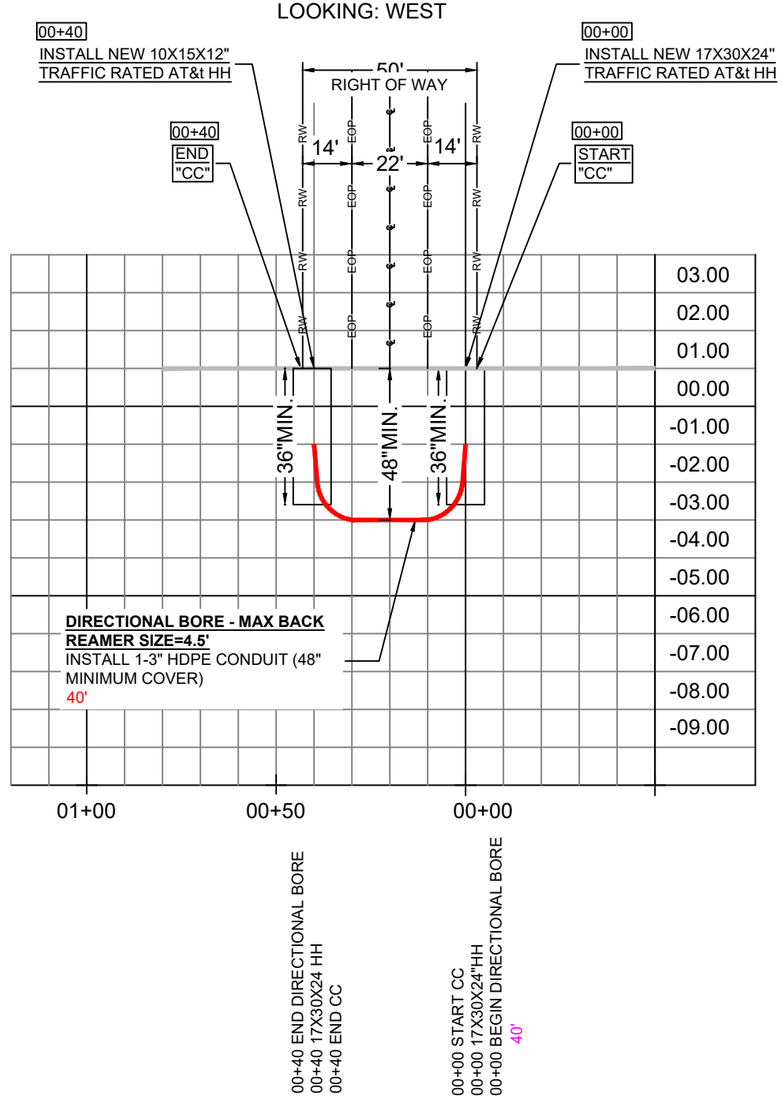
PB: 25/97

CROSS SECTION- VIEW "CC"

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

HIGHLAND BEACH DR

LOOKING: WEST



N

ATTSE

PERMITTING

JURISDICTION:
- HIGHLAND BEACH CITY

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

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

PROJECT ADDRESS: 4118 S OCEAN BLVD

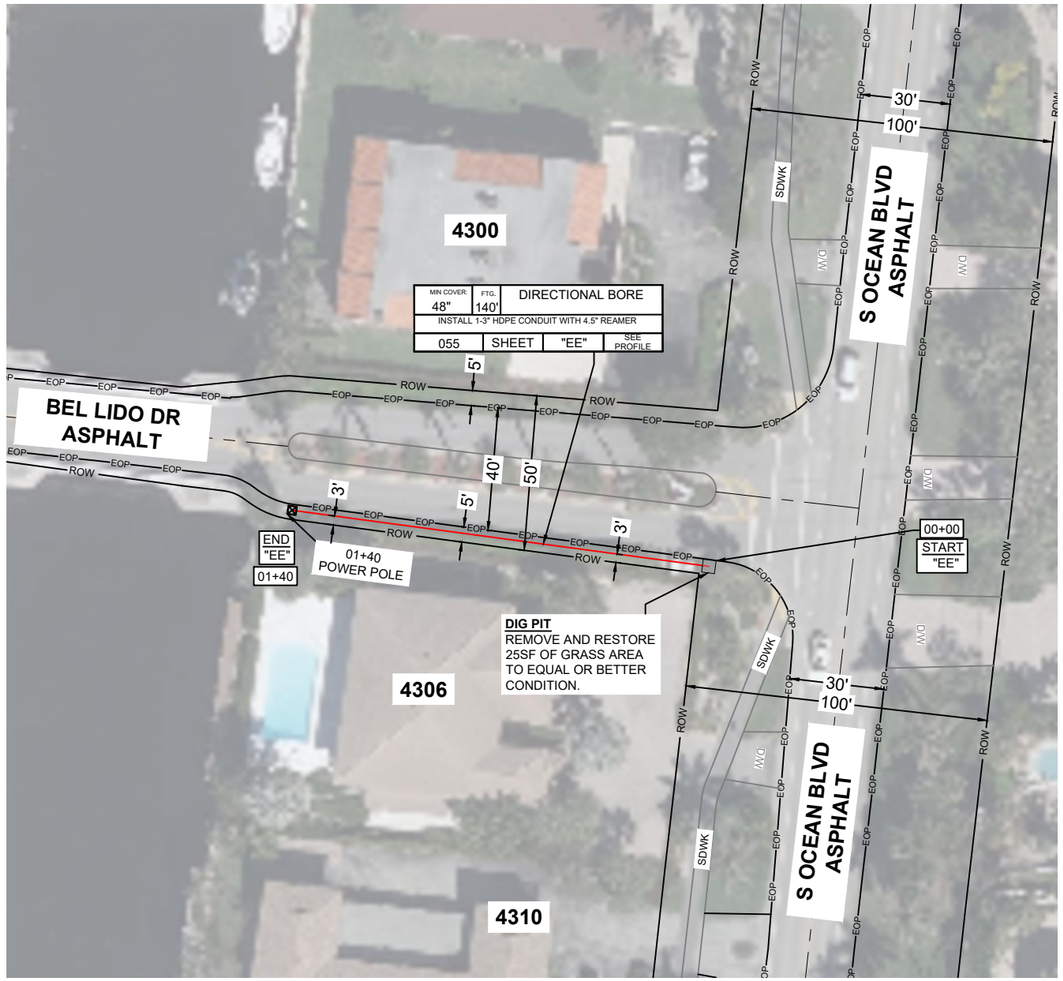
ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE:	PAGE:	OF:
1:40	053	059

PB:	25/97

TOTAL PAGE FOOTAGE:	140'
TOTAL UNDER PAVEMENT:	0'



N

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

PROJECT ADDRESS: 4118 S OCEAN BLVD

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

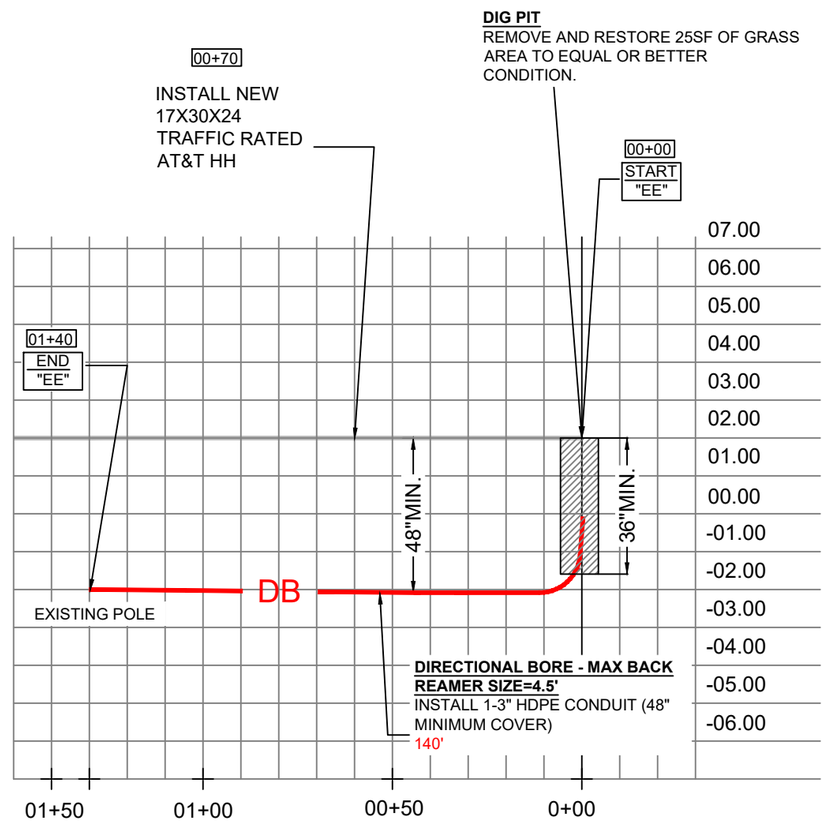
SCALE:	PAGE:	OF:
1:50	054	059

PB: 25/97

PROFILE VIEW 'EE' - BEL LIDO DR

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

BEL LIDO DR
LOOKING: NORTH



01+40 END EE
01+40 END DIRECTIONAL BORE

00+00 START EE
00+00 PROPOSED DIG PIT
00+00 BEGIN DIRECTIONAL BORE
140'

N

ATTSE

PERMITTING

JURISDICTION:
- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

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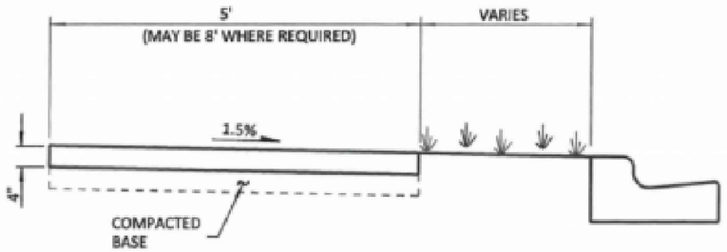
COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS: 4118 S OCEAN BLVD

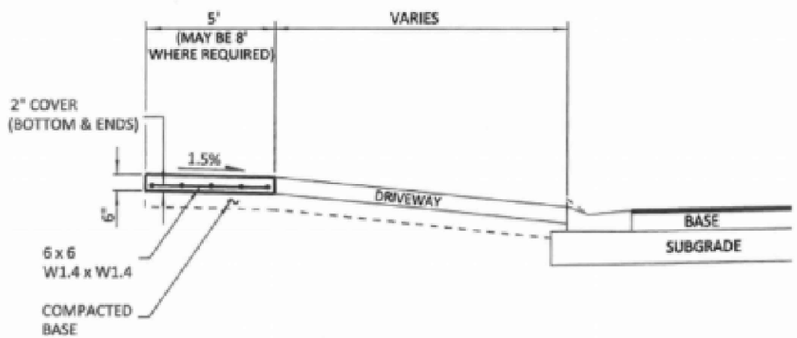
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE: 1:40	PAGE: 055	OF: 059



STANDARD SECTION



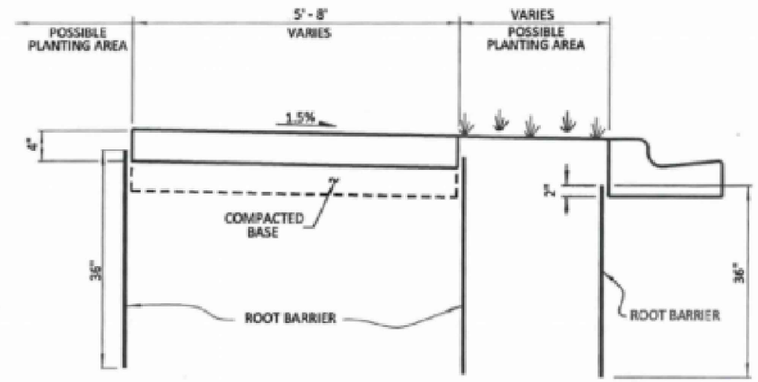
DRIVEWAYS (RESIDENTIAL AND NON-RESIDENTIAL AREAS)

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/DWF FORMAT/400.1A

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				PATHWAY: CONCRETE SIDEWALK	DRAWING NO.
DRAWN BY:	DATE:	REVISED BY:	DATE:	APPROVED: EFFECTIVE:	400.1
K.L.	05/23/90	J.M.K.	02/01/2018	COUNTY ENGINEER OR DESIGNEE 2/9/18	



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/DWF FORMAT/400.1B

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				PATHWAY WITH ROOT BARRIER	DRAWING NO.
DRAWN BY:	DATE:	REVISED BY:	DATE:	APPROVED: EFFECTIVE:	400.2
K.L.	10/03/2017	J.M.K.	02/01/2018	COUNTY ENGINEER OR DESIGNEE 2/9/18	

ATTSE

PERMITTING

JURISDICTION:

- HIGHLAND BEACH CITY

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

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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

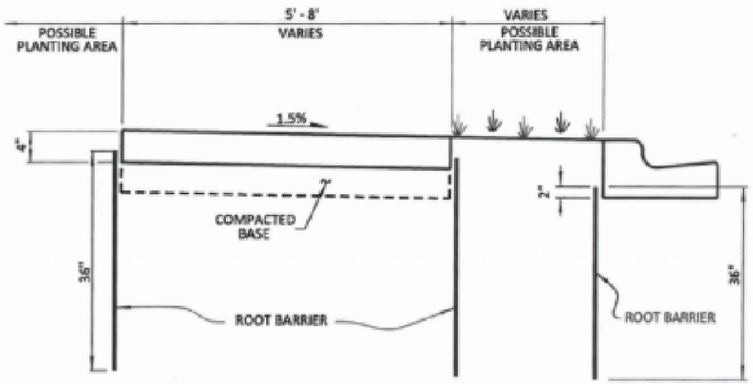
COUNTY: PALM BEACH	
CITY: HIGHLAND BEACH	
TOWNSHIP: 47S	
RANGE: 43E	
SECTION: 04	

PROJECT ADDRESS: 4118 S OCEAN BLVD

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

FILE NAME: 1W842020N_HIGHLAND BEACH CITY

SCALE: AS SHOWN	PAGE: 056	OF: 059



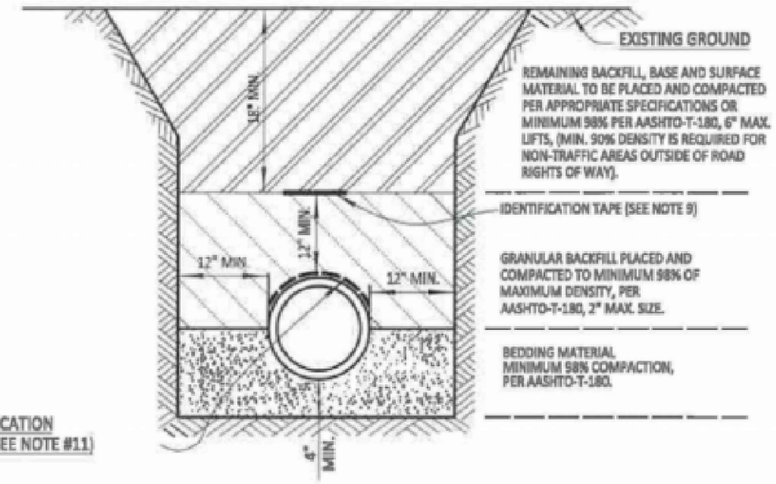
STANDARD SECTION

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/DWF FORMAT/400.1B

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



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.
DRAWN BY:	DATE:	REVISED BY:	DATE:		1
K.L.	05/23/90	J.M.K.	02/01/2018	APPROVED: EFFECTIVE:	
				COUNTY ENGINEER OR DESIGNEE 4/27/18	

ATTSE

PERMITTING

JURISDICTION:
- HIGHLAND BEACH CITY

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: 4118 S OCEAN BLVD	
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY	
SCALE: AS SHOWN	PAGE: 057 OF: 059

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

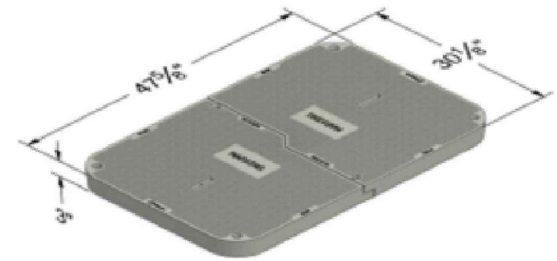
Material:	Polymer Concrete
Model:	30" x 48"
Weight:	18" Depth: 179 lbs. 24" Depth: 223 lbs. 36" Depth: 307 lbs.
Wall Type:	Straight
Performance:	ANSI/SCTE-77 Tier 22

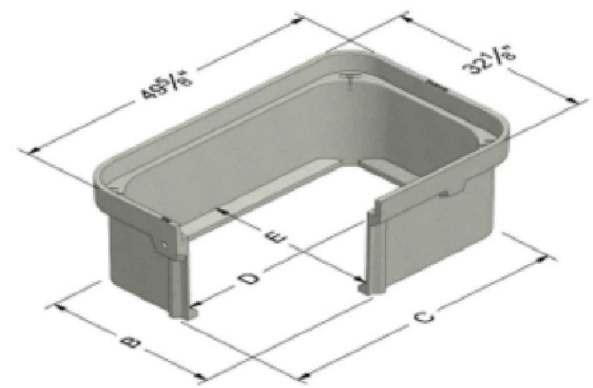
LOAD RATING / NOTES

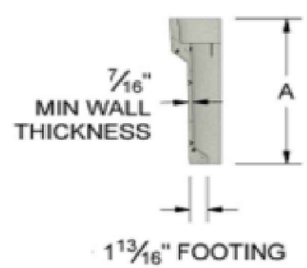
MEDIUM DUTY
ANSI/SCTE TIER 15

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.







Lifting Strap Detail

Bolt Down Detail

	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

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

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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

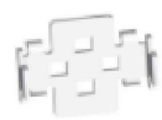
A B C

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 Bus

* 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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