



1112 Manatee Avenue West
Bradenton, FL 34205
purchasing@mymanatee.org

Solicitation Addendum

Addendum No.: 4
Solicitation No.: 22-TA004097CD
Project No.: 6092560
Solicitation Title: Moccasin Wallow Road - US 41 to Gateway Blvd.
Addendum Date: July 28, 2022
Procurement Contact: Chris Daley, CPPO, CPPB - Procurement Project Manager

IFBC No. 22-TA004097CD is amended as set forth herein. Responses to questions posed by prospective bidders are provided below. This Addendum is hereby incorporated in and made a part of IFBC No. 22-TA004097CD.

**REPLACE:
APPENDIX K, BID PRICING FORM, PAGES K-2 THRU K-26**

Replace Bid Pricing Form pages K-2 thru K-26 with the 22-TA004097CD Revised Electronic Bid Pricing Form – Addendum No. 4 pages K-2 thru K-26 issued with this Addendum 4.

**REPLACE:
ELECTRONIC BID PRICING FORM**

Replace Electronic Bid Pricing Form with the 22-TA004097CD Revised Electronic Bid Pricing Form – Addendum No. 4 issued with this Addendum 4.

**ADD:
ADDENDUM NO. 4 – ATTACHMENT NO. 1**

Addendum No. 4 – Attachment No. 1 (01-1912 Country Walk – Bore Logs) is attached to this Addendum No. 4.

**ADD:
ADDENDUM NO. 4 – ATTACHMENT NO. 2**

Addendum No. 4 – Attachment No. 2 (2022-06-29a_Country Walk Utility RD 05.10.22) is attached to this Addendum No. 4.

QUESTIONS AND RESPONSES:

Q1. Reference Bid Form, RECLAIMED WATER UTILITY COMPONENT, Bid Item 300A, UNION, 10”, cannot find this union, where is it at?

R1. Refer to Addendum No. 2, Q50.

Q2. If there is a 10-inch Union, Bid Item 300A, to be installed, why is there no bid item “Tie-into Existing 10”?”

R2. Refer to Addendum No. 2, Q50 and is used as a transition in materials.

Q3. Reference Utility Design Plans, sheet U-11 issued in Addendum Two, the connection of the 16-inch 45 degree bend to the existing 16-inch HDPE pipe, is the Contractor to bid this item using a 16” MJ Meg-a-lug for MJ 45 on the 16” HDPE pipe or will the Contractor be required to furnish and install an HDPExMJ Fuse Weld Adaptor and install the 45 on the adaptor? And if an MJ Meg-a-Lug is to be utilized will a stainless steel insert also have to be installed? Please clarify.

R3. 16” MJ restraint gland and stainless steel internal pipe stiffener insert will be used in this application. Please reference the approved materials list for approved HDPE: Pipe to MJ fittings materials.

Q4. Reference Utility Design Plans, sheet U-11, this revised sheet issued in Addendum Two shows this as a Proposed 12” FM (By Others), where does the 12-inch pipe transition to a 16-inch HDPE pipe?

R4. This 12” pipe transitions to a 16” hdpe and was installed in a directional drill starting at approximately STA. 350+80 to approximately 353+35 where it transitions back to 12”.

Q5. Reference Utility Design Plans, sheets U-11 – U-12, for the installation of the 12-inch PVC FM pipe from station 353+19 to station 358+55 there is no profile view for this pipe, please provide profile view.

R5. Refer to sheet U-11 and U-18 of the Utility Plans.

Q6. Reference Utility Design Plans, sheets U-12 and U-13, sheet U-12 shows the FM (By Others) as a 12-inch, sheet U-13 shows the FM (By Others) as a 16-inch, where does the pipe size change?

R6. Approximately STA. 361+22.00.

Q7. Reference Utility Design Plans, is the force main that has been installed by others been installed by horizontal directional drilling method or by open cut?

R7. It varies throughout the project limits. HDDs exist between STA.343+00 – 343+40, STA. 350+80 - STA. 353+35, STA. 367+10 – STA. 368 +84, and STA. 381+52 – STA. 383+27.

Q8. If the force main pipe referenced in Item 7 above was installed by directional drill method please provide the driller’s log.

R8. Refer to Addendum No. 4 – Attachment No. 1 (01-1912 Country Walk – Bore Logs) issued with this Addendum No. 4 (Add section of this Addendum No. 4).

Q9. Please provide the location of the pump station the force main installed by others is at.

R9. See attached cover page red arrow on Addendum No. 4 – Attachment No. 2 (2022-06-29a_County Walk Utility RD 05.10.22) (Add section of this Addendum No. 4).

Q10. Please provide volumes of flow for the pump station referenced in Item 9 above.

R10. ADF is 41,280 GPD and Peak Hour Flow is 115 GPM.

Q11. Reference Utility Design Plans, sheet U-11, the connection to the existing 16-inch HDPE pipe at station 353+19 will require a pair of Line Stops, one on the 16-inch HDPE FM pipe and one on the 12-inch FM pipe that we presume is PVC, please add a bid item for a 16-inch Line Stop and add one (1) more 12-inch Line Stop to the bid quantity for Bid Item 260A.

R11. A 16” line stop will not be provided for the HDPE pipe. Instead, (2) 12” line stops will be added to the bid form and line stop will need to be installed at the nearest 12” pvc pipe at approximately STA 350+80. Bid Item 260A will be revised to add 2 additional line stops (total qty 4).

Q12. The locations for the connections referenced in Item 11 above, are these locations on pipe that has been installed by horizontal directional drill method or open cut installation and how deep is the pipe at the connection locations?

R12. Invert Elevations are provided at the locations of the fittings to be installed at the connection locations.

Q13. Reference Utility Design Plans, sheet U-18, the connection to the 16-inch FM (By Others) pipe, that we presume is PVC, at stations 391+50 and 392+95 will also require utilizing a pair of 16-inch Line Stops, please include these Line Stops to the bid quantity for 16-inch Line Stops.

R13. Bid Item 260B will be added to the bid form (1080-27116) (Utility Fixture – Line Stop Assembly, F&I, 16”) (Unit: EA), (QTY: 2).

Q14. Reference Utility Design Plans, sheet U-11, the note that reads “REMOVE EXIST 16” AND 12” FM (STA. 353+18, 88’ LT TO STA. 355+00, 72’ LT) please provide a profile view for these pipe in order to evaluate depth for removal cost.

R14. Existing grade elevations are unknown, when the force main by others was installed, soil was imported and placed over the pipe in the current wetland area. Invert elevations are provided at connection points and average depth of pipe is 5 ft deep with the deepest at 7 ft and shallowest at 4 ft. A profile at this point would show exposed piping or minimal cover and would not show accurate depth of cover.

Q15. The electronic bid form from addendum 2 and 4 appear to be the same with the exact highlights. Can you confirm if changes were made in addendum 3?

R15. The only change in Addendum No. 3 was the deletion of Bid Item 312. Refer to 22-TA004097CD Revised Bid Pricing Form – Addendum No. 4 issued with this Addendum No. 4.

Q16. Item 274 was added in addendum two but not highlighted, nor is it highlighted in addendum 3.

R16. Refer to 22-TA004097CD Revised Bid Pricing Form – Addendum No. 4 issued with this Addendum No. 4.

Q17. Item 296 was added back in with addendum three but not highlighted.

R17. Bid Item 296 was not modified or deleted. This Bid Item was included in the original Electronic Bid Pricing Form.

Q18. Item 312 was deleted and should not have been.

R18. Item 312 was intentionally deleted.

NOTE:

Deleted items will be ~~struck through~~, added or modified items will be underlined. All other terms and conditions remain as stated in the IFBC.

INSTRUCTIONS:

Receipt of this Addendum must be acknowledged as instructed in the solicitation document. Failure to acknowledge receipt of this Addendum may result in the response being deemed non-responsive.

END OF ADDENDUM

AUTHORIZED FOR RELEASE



BLEVINS ROAD BORING

DIRECTIONAL DRILL LOG

1 OF 2

DATE:	5/26/2021	CONTRACTOR:	RIPA
FOREMAN:	SAMMY W.	JOB NAME:	COUNRTY WALK ESTATES

DESCRIPTION OF DIRECTIONAL DRILL:			
LOCATION:	36th AVE. EAST	PIPE SIZE:	8"
BORE DIRECTION:	SOUTH TO NORTH	REAMER SIZE:	12"
STARTING POINT:	48+95	BORE ROD LENGTH:	15'
STOPPING POINT:	41+75	TOTAL DISTANCE:	720'

NO.	DEPTH		STATION	NO.	DEPTH		STATION
1	3'			16	8'		
2	5'			17	8'		
3	6'			18	8'		
4	6'6"			19	8'		
5	6'6"			20	8'		
6	6'6"			21	8'		
7	6'6"			22	8'		
8	6'6"			23	8'		
9	7'			24	8'		
10	7'			25	8'		
11	7'6"			26	7'8"		
12	7'6"			27	7'6"		
13	7'6"			28	8'		
14	7'6"			29	8'		
15	7'6"			30	8'		



BLEVINS ROAD BORING

DIRECTIONAL DRILL LOG

2 OF 2

DATE:	5/26/2021	CONTRACTOR:	RIPA
FOREMAN:	SAMMY W.	JOB NAME:	COUNRTY WALK ESTATES

DESCRIPTION OF DIRECTIONAL DRILL:			
LOCATION:	36th AVE. EAST	PIPE SIZE:	8"
BORE DIRECTION:	SOUTH TO NORTH	REAMER SIZE:	12"
STARTING POINT:	48+95	BORE ROD LENGTH:	15'
STOPPING POINT:	41+75	TOTAL DISTANCE:	720'

NO.	DEPTH		STATION	NO.	DEPTH		STATION
31	7'6"			46	5'		
32	7'6"			47	3'		
33	7'6"			48			
34	7'6"			49			
35	7'6"			50			
36	7'			51			
37	7'			52			
38	7'			53			
39	6'			54			
40	6'			55			
41	6'			56			
42	7'			57			
43	6'8"			58			
44	6'8"			59			
45	6'8"			60			



BLEVINS ROAD BORING

DIRECTIONAL DRILL LOG

1 OF 2

DATE:	5/18/2021	CONTRACTOR:	RIPA
FOREMAN:	S.WORTHAN	JOB NAME:	COUNTRY WALK ESTATES

DESCRIPTION OF DIRECTIONAL DRILL:			
LOCATION:	36th AVE EAST	PIPE SIZE:	8"
BORE DIRECTION:	SOUTH TO NORTH	REAMER SIZE:	12"
STARTING POINT:	55+85	BORE ROD LENGTH:	15'
STOPPING POINT:	49+05	TOTAL DISTANCE:	680'

NO.	DEPTH	E.O.P.	STATION	NO.	DEPTH	E.O.P.	STATION
1	3'	10'9"		16	8'	10'9"	
2	6'			17	8'		
3	6'6"			18	8'		
4	7'			19	8'		
5	7'6"			20	8'		
6	8'			21	8'		
7	8'			22	8'		
8	8'			23	8'		
9	8'			24	8'		
10	8'			25	8'		
11	8'			26	8'		
12	8'			27	8'		
13	8'			28	8'		
14	8'			29	8'		
15	8'	10'9"		30	8'	10'9"	



BLEVINS ROAD BORING

DIRECTIONAL DRILL LOG

2 OF 2

DATE:	5/18/2021	CONTRACTOR:	RIPA
FOREMAN:	S.WORTHAN	JOB NAME:	COUNTRY WALK ESTATES

DESCRIPTION OF DIRECTIONAL DRILL:			
LOCATION:	36th AVE EAST	PIPE SIZE:	8"
BORE DIRECTION:	SOUTH TO NORTH	REAMER SIZE:	12"
STARTING POINT:	55+85	BORE ROD LENGTH:	15'
STOPPING POINT:	49+05	TOTAL DISTANCE:	680'

NO.	DEPTH	E.O.P.	STATION	NO.	DEPTH	STATION
31	8'	10'9"		46		
32	8'	10'9"		47		
33	8'	10'9"		48		
34	8'	10'9"		49		
35	8'			50		
36	8'			51		
37	8'			52		
38	8'			53		
39	7'			54		
40	6'			55		
41	5'			56		
42	4'			57		
43	3'	10'9"		58		
44				59		
45				60		

15044 REGINALD LANE, HUDSON, FL 34667 * 727-863-9647 PH * 727-868-6917 FAX



BLEVINS ROAD BORING

DIRECTIONAL DRILL LOG

1 of 1

DATE:	6/15/2021	Job Name:	RIPA
FOREMAN:	SAMMY W.	LOCATION:	COUNRTY WALK ESTATES

DESCRIPTION OF DIRECTIONAL DRILL:			
LOCATION:	36TH AVE. & MOCASSIN WALLOW ROAD	PIPE SIZE:	8"
BORE DIRECTION:		REAMER SIZE:	12"
STARTING POINT:	57+75	BORE ROD LENGTH:	10'
STOPPING POINT:	56+05	TOTAL DISTANCE:	170'

NO.	DEPTH		STATION	NO.	DEPTH		STATION
1	3'3"			16	5'2"		
2	5'3"			17	3'10"		
3	6'5"			18			
4	7'4"			19			
5	8'5"			20			
6	8'4"			21			
7	8'6"			22			
8	8'5"			23			
9	8'6"			24			
10	8'1"			25			
11	8'7"			26			
12	8'6"			27			
13	8'6"			28			
14	8'			29			
15	6'7"			30			



BLEVINS ROAD BORING

DIRECTIONAL DRILL LOG

1 of 2

DATE:	6/15/2021	Job Name:	RIPA
FOREMAN:	SAMMY W.	LOCATION:	COUNTRY WALK ESTATES

DESCRIPTION OF DIRECTIONAL DRILL:			
LOCATION:	36TH AVE.NORTH OF CEMETERY	PIPE SIZE:	8"
BORE DIRECTION:		REAMER SIZE:	12"
STARTING POINT:	41+65	BORE ROD LENGTH:	10'
STOPPING POINT:	36+85	TOTAL DISTANCE:	480'

NO.	DEPTH		STATION	NO.	DEPTH		STATION
1	3'8"			16	7'8"		
2	6'5"			17	7'10"		
3	7'6"			18	7'6"		
4	8'1"			19	7'6"		
5	8'			20	7'8"		
6	8'1"			21	7'5"		
7	8'2"			22	7'4"		
8	8'3"			23	7'6"		
9	8'2"			24	7'3"		
10	8'2"			25	7'2"		
11	8'1"			26	7'3"		
12	8'			27	7'4"		
13	8'1"			28	7'6"		
14	7'10"			29	7'9"		
15	7'8"			30	7'10"		



BLEVINS ROAD BORING

DIRECTIONAL DRILL LOG

2 OF 2

DATE: 6/15/2021 CONTRACTOR: RIPA
FOREMAN: SAMMY W. JOB NAME: COUNRTY WALK ESTATES

DESCRIPTION OF DIRECTIONAL DRILL:

LOCATION: 36TH AVE. NORTH OF PIPE SIZE: 8"
CEMETERY
BORE DIRECTION: REAMER SIZE: 12"
STARTING POINT: 41+65 BORE ROD LENGTH: 10'
STOPPING POINT: 36+85 TOTAL DISTANCE: 480'

NO.	DEPTH		STATION	NO.	DEPTH		STATION
31	8'			46	6'5"		
32	8'2"			47	5'6"		
33	7'9"			48	4'5"		
34	8'			49			
35	8'2"			50			
36	8'2"			51			
37	7'9"			52			
38	7'10"			53			
39	8'			54			
40	7'8"			55			
41	8'			56			
42	7'7"			57			
43	7'9"			58			
44	7'8"			59			
45	6'4"			60			

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BLEVINS ROAD BORING

DIRECTIONAL DRILL LOG

1 of 2

DATE:	6/15/2021	Job Name:	RIPA
FOREMAN:	SAMMY W.	LOCATION:	COUNRTY WALK ESTATES

DESCRIPTION OF DIRECTIONAL DRILL:			
LOCATION:	36TH AVE.NORTH OF CEMETERY	PIPE SIZE:	8"
BORE DIRECTION:		REAMER SIZE:	12"
STARTING POINT:	36+75	BORE ROD LENGTH:	10'
STOPPING POINT:	31+75	TOTAL DISTANCE:	500'

NO.	DEPTH		STATION	NO.	DEPTH		STATION
1	4'10"			16	7'7"		
2	5'8"			17	7'5"		
3	6'10"			18	7'2"		
4	7'7"			19	7'1"		
5	7'6"			20	7'3"		
6	7'5"			21	7'		
7	7'6"			22	7'		
8	7'6"			23	7'		
9	7'6"			24	7'1"		
10	7'6"			25	7'		
11	7'8"			26	7'2"		
12	7'7"			27	7'4"		
13	7'3"			28	7'6"		
14	7'5"			29	7'2"		
15	7'6"			30	7'5'		



BLEVINS ROAD BORING

DIRECTIONAL DRILL LOG

2 OF 2

DATE: 6/15/2021

CONTRACTOR: RIPA

FOREMAN: SAMMY W

JOB NAME: COUNTRY WALK ESTATES

DESCRIPTION OF DIRECTIONAL DRILL:

LOCATION: 36TH AVE NORTH OF CEMETERY

PIPE SIZE: 8"

BORE DIRECTION:

REAMER SIZE: 12"

STARTING POINT: 36+75

BORE ROD LENGTH: 10'

STOPPING POINT: 31+75

TOTAL DISTANCE: 500'

NO.	DEPTH	STATION	NO.	DEPTH	STATION
31	7'5"		46	6'	
32	7'		47	5'4"	
33	7'2"		48	5'	
34	7'4"		49	4'7"	
35	7'6"		50	3'10"	
36	8'1"		51		
37	8'		52		
38	7'8"		53		
39	7'		54		
40	7'2"		55		
41	7'		56		
42	7'1"		57		
43	7'2"		58		
44	6'11"		59		
45	6'4"		60		

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BLEVINS ROAD BORING

DIRECTIONAL DRILL LOG

1 OF 1

DATE:	5/3/2021	CONTRACTOR:	RIPA
FOREMAN:	SAMMY W.	JOB NAME:	COUNRTY WALK ESTATES

DESCRIPTION OF DIRECTIONAL DRILL:			
LOCATION:	MOCCASIN WALLOW RD. & 40th STREET	PIPE SIZE:	16"
BORE DIRECTION:	EAST TO WEST	REAMER SIZE:	20"
STARTING POINT:		BORE ROD LENGTH:	15'
STOPPING POINT:		TOTAL DISTANCE:	300'

NO.	DEPTH		STATION	NO.	DEPTH		STATION
1	3'			16	8'		
2	6'			17	8'		
3	10'			18	6'		
4	15'			19	4'6"		
5	15'			20	3'		
6	15'			21			
7	14'			22			
8	13'6"			23			
9	13'			24			
10	12'			25			
11	11'			26			
12	10'			27			
13	9'6"			28			
14	9'			29			
15	8'			30			

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RECORD DRAWINGS

Based on the record information shown hereon, certified by a Florida licensed surveyor and mapper, I hereby certify that this project's improvements have been constructed in substantial conformance with the approved plans.

Matthew J. Morris, P.E.
Florida License # 68434

Date _____

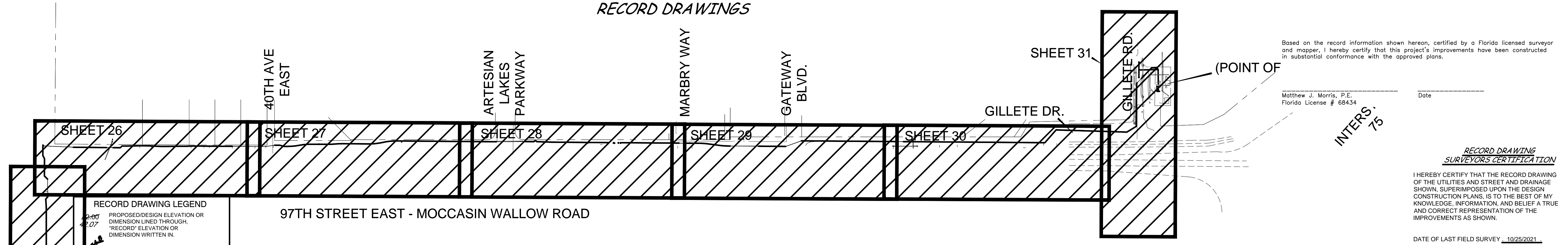
INTERS. 75

RECORD DRAWING SURVEYORS CERTIFICATION

I HEREBY CERTIFY THAT THE RECORD DRAWING OF THE UTILITIES AND STREET AND DRAINAGE SHOWN, SUPERIMPOSED UPON THE DESIGN CONSTRUCTION PLANS, IS TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF A TRUE AND CORRECT REPRESENTATION OF THE IMPROVEMENTS AS SHOWN.

DATE OF LAST FIELD SURVEY: 10/25/2021

JUSTIN O. BRANTLEY, P.S.M.
FLORIDA CERTIFICATE NO. LS6837

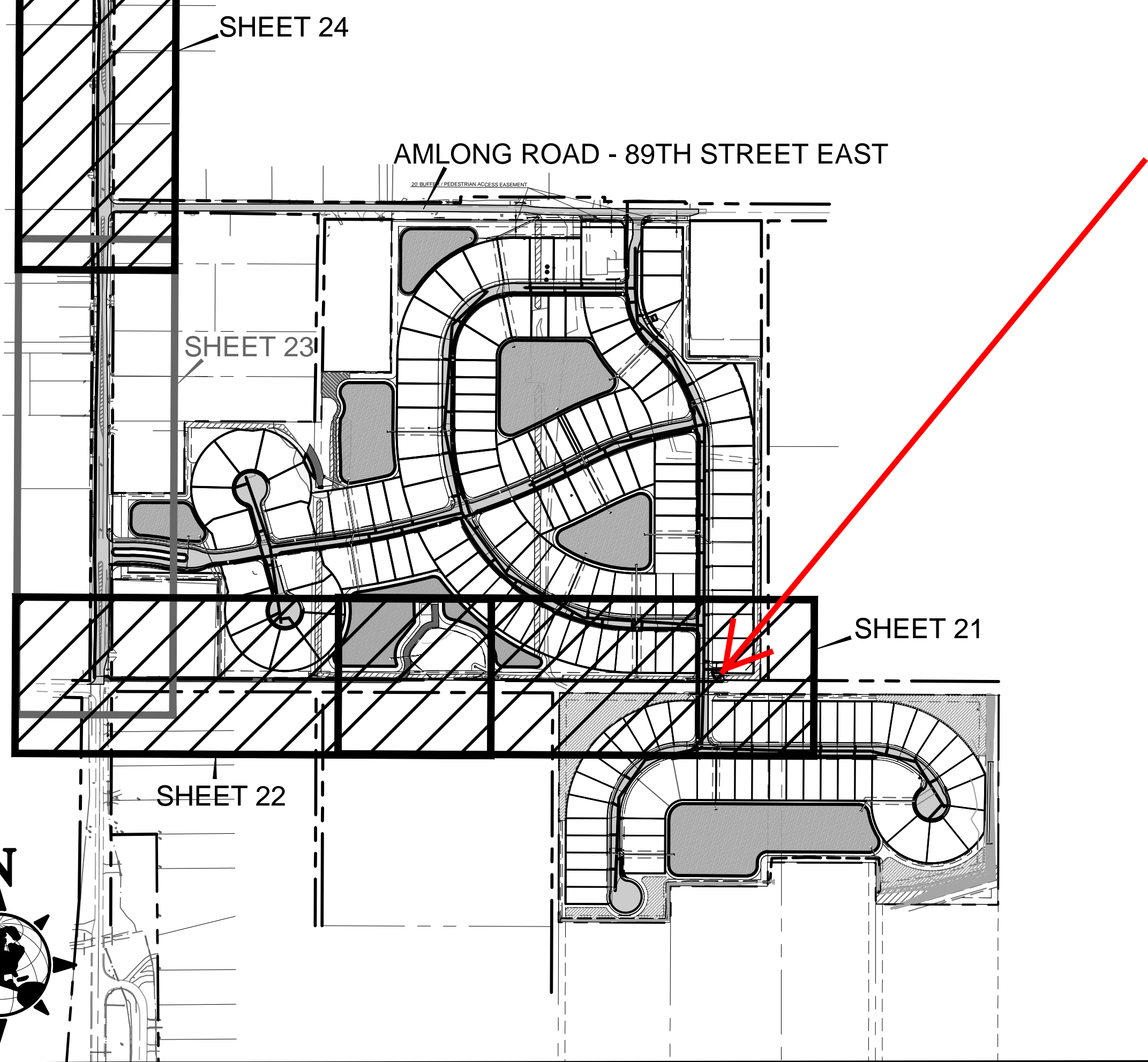


- RECORD DRAWING LEGEND**
- PROPOSED DESIGN ELEVATION OR DIMENSION LINED THROUGH, "RECORD" ELEVATION OR DIMENSION WRITTEN IN.
 - INDICATES RECORD ELEVATION
 - INDICATES "RECORD" ELEVATION, DIMENSION, SLOPE, et cetera.
 - BLP = BLACK FLOW PREVENTOR
 - BO = BLOWOFF
 - NG = NATURAL GROUND
 - AP = ASPHALT PAVEMENT
 - P.C.P. = PERMANENT CONTROL POINT
 - TOP = TOP OF NUT
 - INVERT

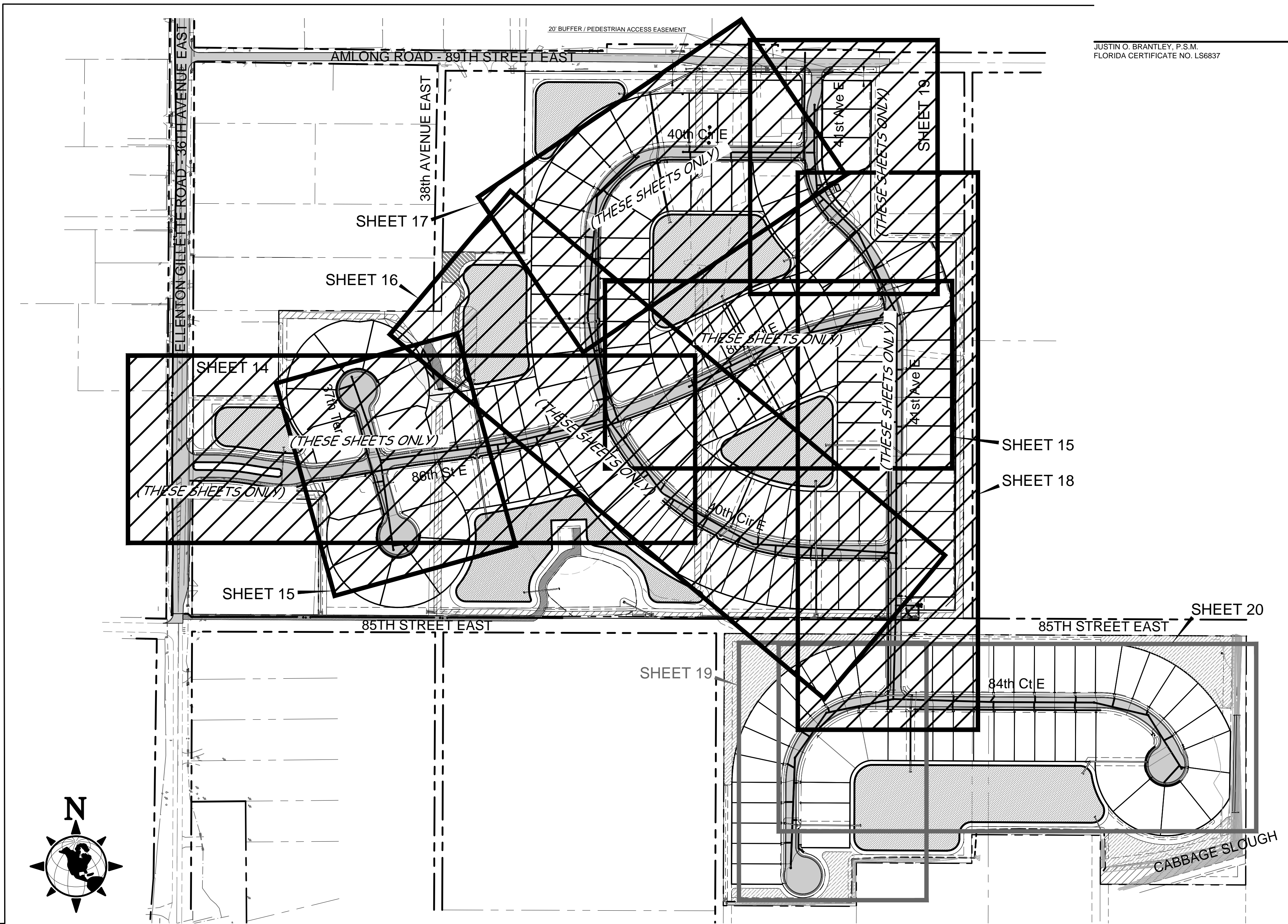
NOTES:
1. ONLY PHASE 1 INFORMATION IS DEPICTED AS A PART OF THESE RECORD DRAWINGS.

COUNTY MAINTAINED - WATER AND SEWER

TRACER WIRE INSTALLED, SUCCESSFULLY TESTED AND PASSED ON 10/01/2021.

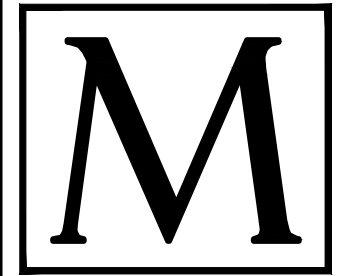


OFF SITE FORCE MAIN PROFILES
SCALE: 1"=300'



ON SITE PROFILES
SCALE: 1"=150'

PREPARED FOR:
CENTER POINT HOMES
5754 STATE ROAD 542 WEST, SUITE #5
WINTER HAVEN, FLORIDA 33880



MORRIS ENGINEERING AND CONSULTING, LLC
Civil Engineering and Land Development Consulting
6997 Professional Parkway East, Suite B, Sarasota, Florida 34240 C.A.28780 941-444-6644 www.morrisengineering.net

NO.	DATE	REVISION DESCRIPTION	BY
01	10/26/21	RECORD INFORMATION ADDED TO SHEETS 1, 5, 6, 13-15, 18-20, 22-24, 26-27 AND 30	APL

DATE	01/18/17
PROJECT	PRAVELA
DRAWING	PPKEY
DRAWN	IS
CHECKED	MJM

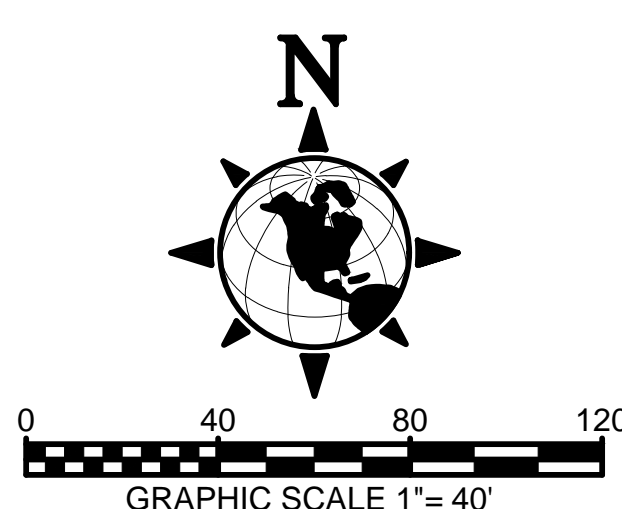
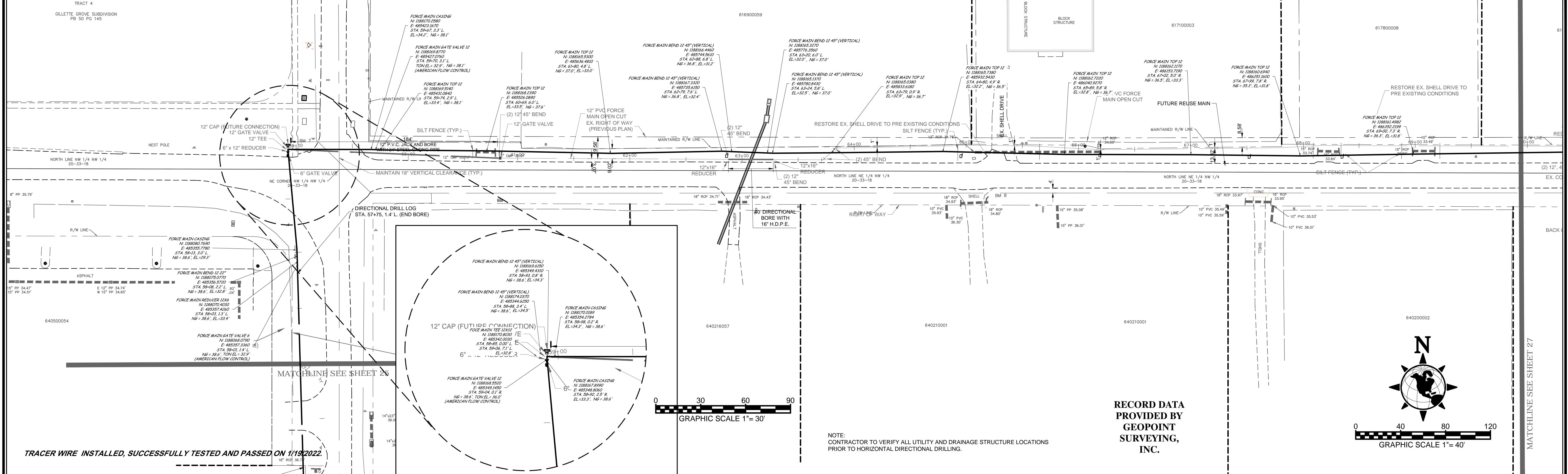
PLAN & PROFILE KEY
COUNTRY WALK ESTATES PH 1
MANATEE COUNTY, FLORIDA

This item has been electronically signed and sealed by _____, Florida License No. _____ On _____ using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

SCALE 1"=100'	
SEC. - TSP. - RING. 20 - 335 - 10E	
SHEET	OF
13	41

MATTHEW J. MORRIS
FL. LICENSE NO. 68434

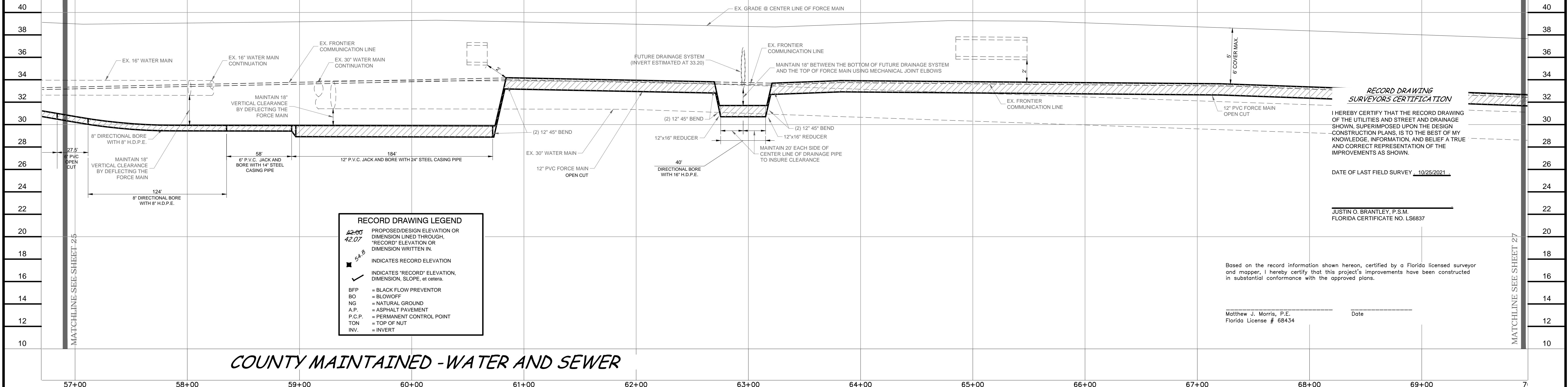
RECORD DRAWINGS



RECORD DATA
 GEOPROF
 SURVEYING,
 INC.

NOTE:
 CONTRACTOR TO VERIFY ALL UTILITY AND DRAINAGE STRUCTURE LOCATIONS
 PRIOR TO HORIZONTAL DIRECTIONAL DRILLING.

TRACER WIRE INSTALLED, SUCCESSFULLY TESTED AND PASSED ON 1/19/2022.



RECORD DRAWING LEGEND

- 42.00 PROPOSED/DESIGN ELEVATION OR DIMENSION LINED THROUGH.
- 42.07 "RECORD" ELEVATION OR DIMENSION WRITTEN IN.
- 5A.B INDICATES RECORD ELEVATION
- INDICATES "RECORD" ELEVATION, DIMENSION, SLOPE, et cetera.
- BFP = BLACK FLOW PREVENTOR
- BO = BLOWOFF
- NG = NATURAL GROUND
- A.P. = ASPHALT PAVEMENT
- P.C.P. = PERMANENT CONTROL POINT
- TON = TOP OF NUT
- INV. = INVERT

RECORD DRAWING
 SURVEYORS CERTIFICATION

I HEREBY CERTIFY THAT THE RECORD DRAWING OF THE UTILITIES AND STREET AND DRAINAGE SHOWN SUPERIMPOSED UPON THE DESIGN CONSTRUCTION PLANS, IS TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF A TRUE AND CORRECT REPRESENTATION OF THE IMPROVEMENTS AS SHOWN.

DATE OF LAST FIELD SURVEY 10/25/2021

JUSTIN O. BRANTLEY, P.S.M.
 FLORIDA CERTIFICATE NO. LS8837

Based on the record information shown hereon, certified by a Florida licensed surveyor and mapper, I hereby certify that this project's improvements have been constructed in substantial conformance with the approved plans.

Matthew J. Morris, P.E.
 Florida License # 68434

Date

COUNTY MAINTAINED - WATER AND SEWER

PREPARED FOR:
CENTER POINT HOMES
 5754 STATE ROAD 542 WEST, SUITE #5
 WINTER HAVEN, FLORIDA 33880

M MORRIS ENGINEERING AND CONSULTING, LLC
 Civil Engineering and Land Development Consulting
 6997 Professional Parkway East, Suite B, Sarasota, Florida 34240 C.A. 28780 941-444-6644 www.morrisengineering.net

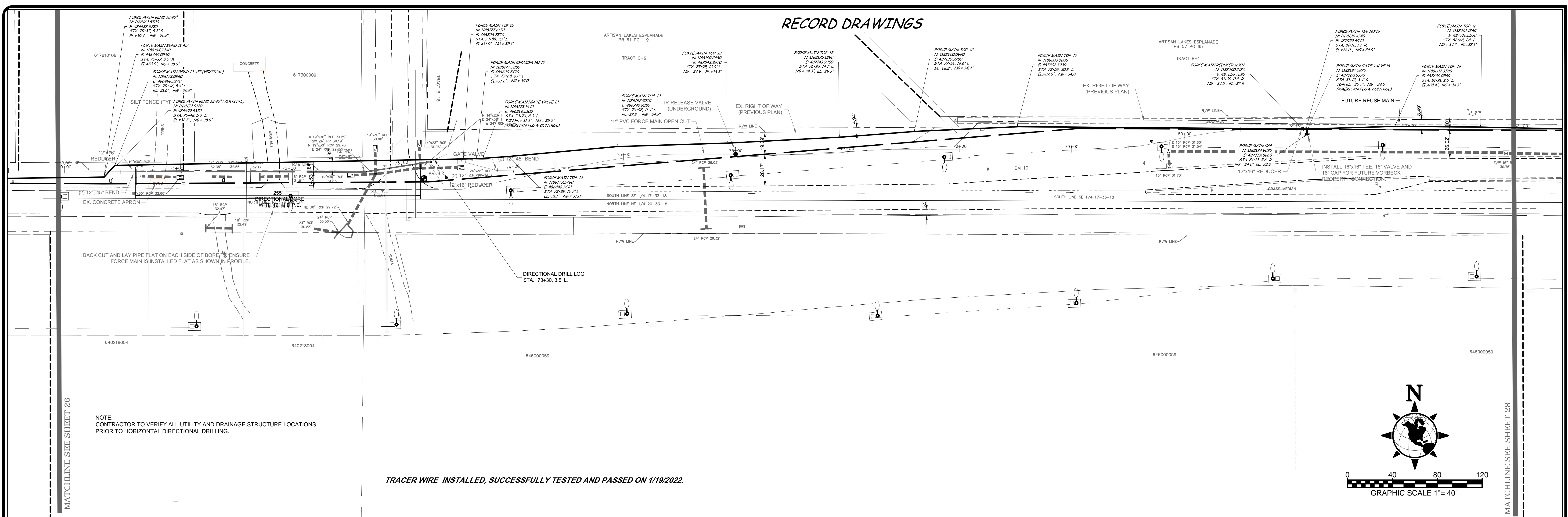
NO.	DATE	REVISION DESCRIPTION	BY	CHECKED	DATE
01	10/28/21	RECORD INFORMATION ADDED TO SHEETS 1 & 2, 15-18, 21-23, 25-27 AND 30	AFM		
02	03/18/21	CLARIFIED PIPE MATERIAL AND SIZES, ADDED BEND CALLOUTS	SPM		
03	12/15/20	MISC. REV. PER UTILITY, ENG. - RED LINES	SPM		
04	01/20/20	ADD FUTURE DRAINAGE SYSTEM	SPM		
05	09/24/18	MISC. REVISIONS PER COUNTY COMMENTS	SPM		
06	07/23/18	MISC. REVISIONS PER COUNTY COMMENTS	SPM		
07	04/03/18	REVISE FORCE MAIN	SPM		
08	05/24/17	MISC. REVISIONS PER COUNTY COMMENTS	SPM		
09	05/23/17	MISC. REVISIONS PER COUNTY COMMENTS	SPM		

PLAN & PROFILE - OFF SITE FORCE MAIN
COUNTRY WALK ESTATES PH 1
 MANATEE COUNTY, FLORIDA

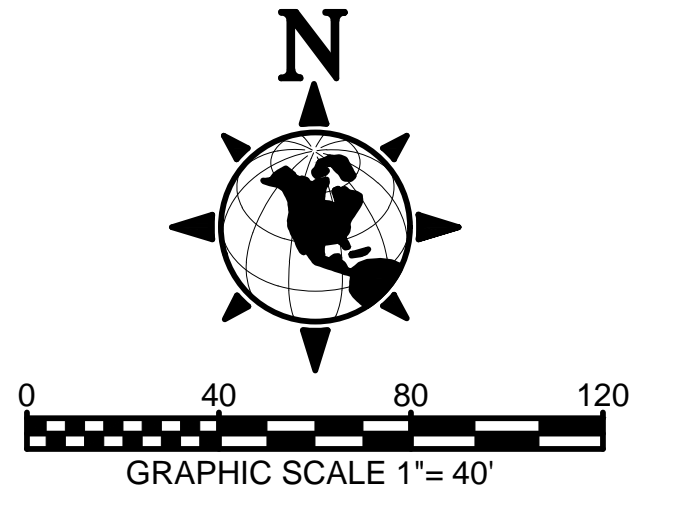
This item has been electronically signed and sealed by Matthew J. Morris, P.E. Florida License No. 68434. On using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

SCALE H:1"=40' V:1"=4'	SEC.-TSP.-RNG. 20-335-18E	SHEET 26	OF 41
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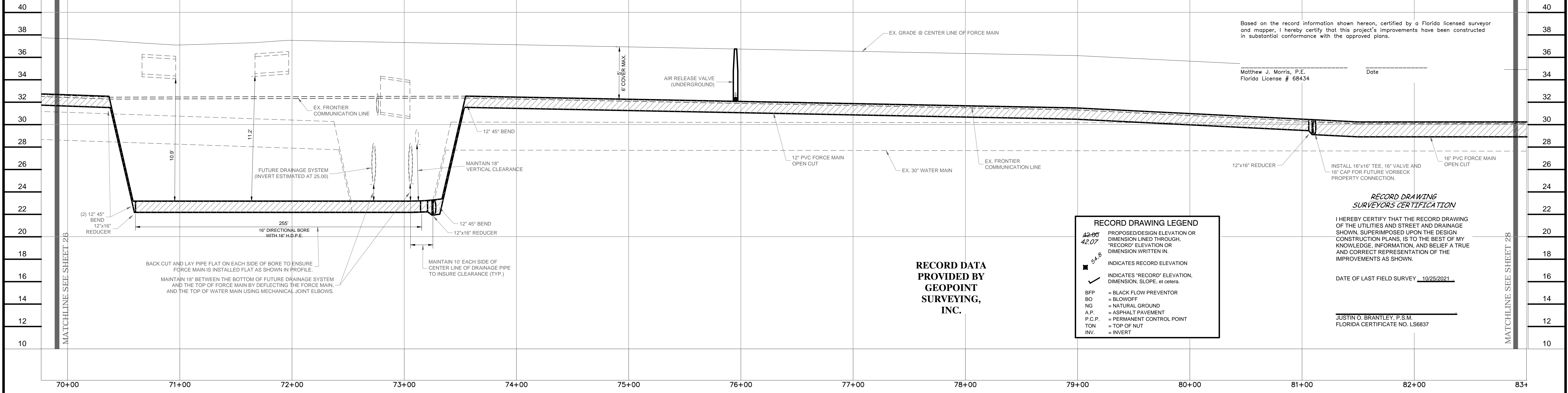
RECORD DRAWINGS



TRACER WIRE INSTALLED, SUCCESSFULLY TESTED AND PASSED ON 1/19/2022.



NOTE:
CONTRACTOR TO VERIFY ALL UTILITY AND DRAINAGE STRUCTURE LOCATIONS PRIOR TO HORIZONTAL DIRECTIONAL DRILLING.



Based on the record information shown hereon, certified by a Florida licensed surveyor and mapper, I hereby certify that this project's improvements have been constructed in substantial conformance with the approved plans.

Matthew J. Morris, P.E.
Florida License # 68434

Date

- RECORD DRAWING LEGEND**
- 42.00 PROPOSED/DESIGN ELEVATION OR DIMENSION LINED THROUGH.
 - 42.07 "RECORD" ELEVATION OR DIMENSION WRITTEN IN.
 - 5A-B INDICATES RECORD ELEVATION
 - ✓ INDICATES "RECORD" ELEVATION, DIMENSION, SLOPE, et cetera.
 - BFP = BLACK FLOW PREVENTOR
 - BO = BLOWOFF
 - NG = NATURAL GROUND
 - A.P. = ASPHALT PAVEMENT
 - P.C.P. = PERMANENT CONTROL POINT
 - TON = TOP OF NUT
 - INV. = INVERT

RECORD DATA PROVIDED BY GEOPOINT SURVEYING, INC.

RECORD DRAWING SURVEYORS CERTIFICATION

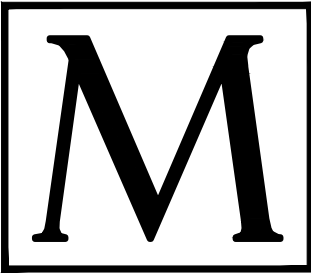
I HEREBY CERTIFY THAT THE RECORD DRAWING OF THE UTILITIES AND STREET AND DRAINAGE SHOWN, SUPERIMPOSED UPON THE DESIGN CONSTRUCTION PLANS, IS TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF A TRUE AND CORRECT REPRESENTATION OF THE IMPROVEMENTS AS SHOWN.

DATE OF LAST FIELD SURVEY 10/25/2021

JUSTIN O. BRANTLEY, P.S.M.
FLORIDA CERTIFICATE NO. LS6837

COUNTY MAINTAINED - WATER AND SEWER

PREPARED FOR:
CENTER POINT HOMES
5754 STATE ROAD 542 WEST, SUITE #5
WINTER HAVEN, FLORIDA 33880



MORRIS ENGINEERING AND CONSULTING, LLC
Civil Engineering and Land Development Consulting
6997 Professional Parkway East, Suite B, Sarasota, Florida 34240 C.A.28780 941-444-6644 www.morrisengineering.net

NO.	DATE	REVISION DESCRIPTION	BY
10	10/26/21	RECORD INFORMATION ADDED TO SHEETS 1, 6, 8, 13-16, 21-25, 28-31, 33-37 AND 39	AFM
09	03/18/21	CLARIFIED PIPE MATERIAL	SPM
08	12/15/20	MISC. REV. PER UTILITY. ENG. - RED LINES	SPM
07	11/06/20	MISC. REVISIONS PER COMMENTS	SPM
06	01/20/20	ADD FUTURE DRAINAGE SYSTEM	SPM
05	09/24/18	MISC. REVISIONS PER COUNTY COMMENTS	SPM
04	07/23/18	MISC. REVISIONS PER COUNTY COMMENTS	SPM
03	04/03/18	REVISE FORCE MAIN	SPM
02	05/24/17	MISC. REVISIONS PER COUNTY COMMENTS	SPM
01	05/23/17	MISC. REVISIONS PER COUNTY COMMENTS	SPM

DATE	DATE	DATE	DATE
01/19/17			

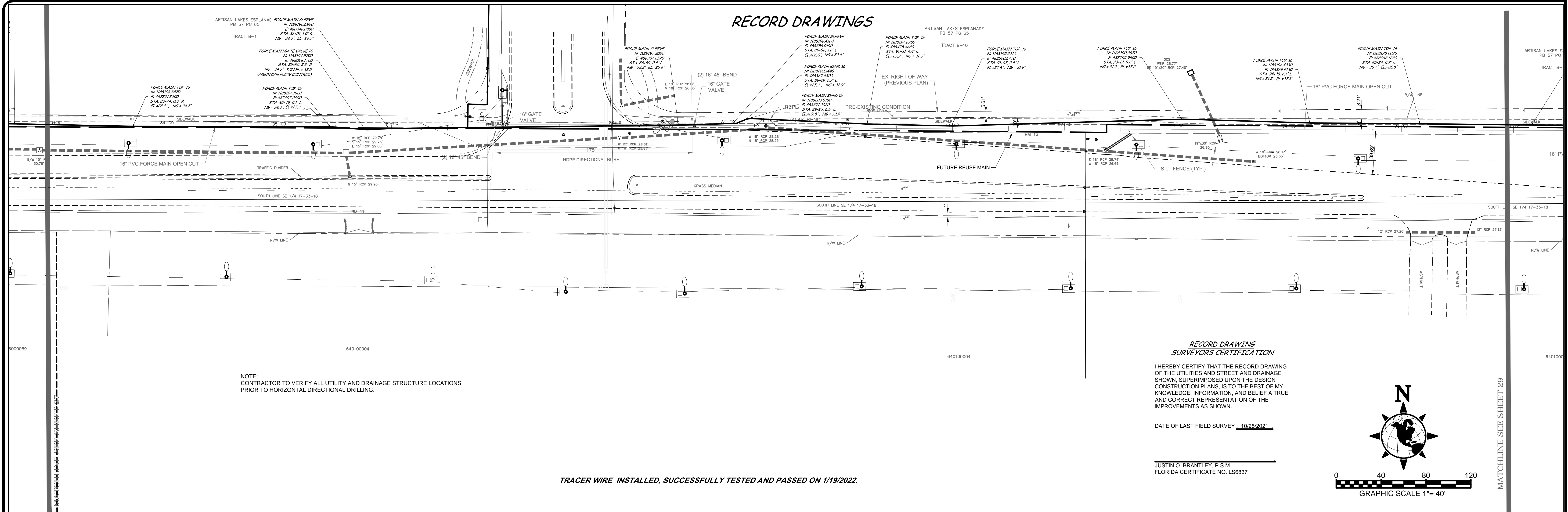
PLAN & PROFILE - OFF SITE FORCE MAIN
COUNTRY WALK ESTATES PH 1
MANATEE COUNTY, FLORIDA

SCALE	H:1"=40'	V:1"=4'
SEC. TSP - R/W.	20'	33'-10"
SHEET	27	OF 41

This item has been electronically signed and sealed by Matthew J. Morris, P.E., Florida License No. 68434. On 01/19/2021 using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

MATTHEW J. MORRIS
FL. LICENSE NO. 68434

RECORD DRAWINGS

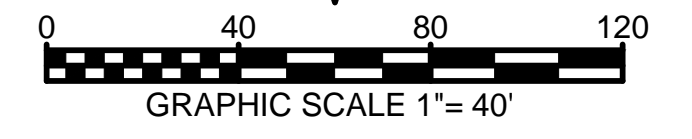


NOTE:
CONTRACTOR TO VERIFY ALL UTILITY AND DRAINAGE STRUCTURE LOCATIONS
PRIOR TO HORIZONTAL DIRECTIONAL DRILLING.

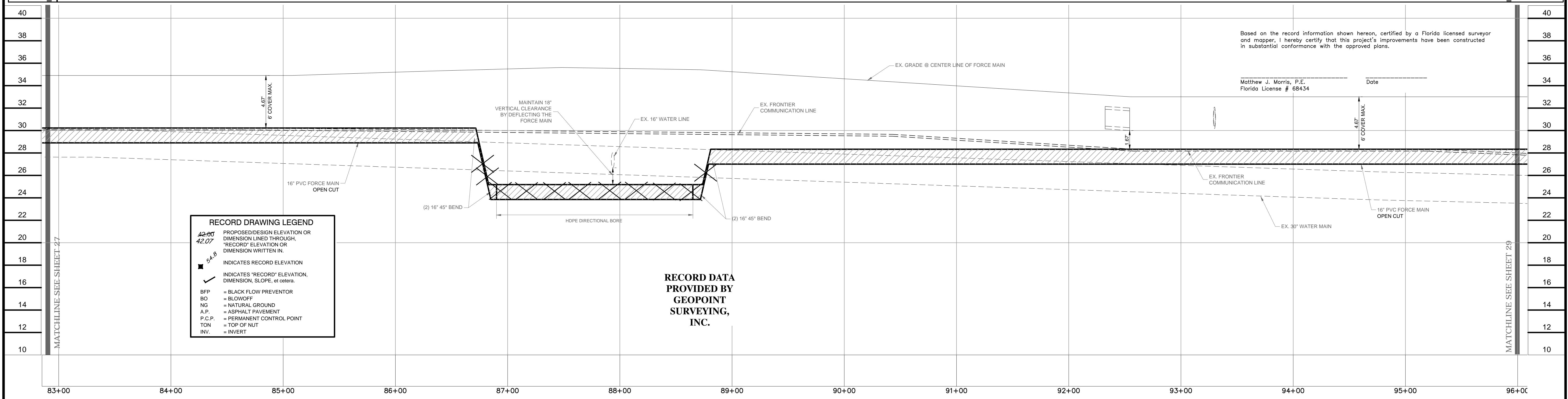
RECORD DRAWING SURVEYORS CERTIFICATION
I HEREBY CERTIFY THAT THE RECORD DRAWING OF THE UTILITIES AND STREET AND DRAINAGE SHOWN, SUPERIMPOSED UPON THE DESIGN CONSTRUCTION PLANS, IS TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF A TRUE AND CORRECT REPRESENTATION OF THE IMPROVEMENTS AS SHOWN.

DATE OF LAST FIELD SURVEY: 10/25/2021

JUSTIN O. BRANTLEY, P.S.M.
FLORIDA CERTIFICATE NO. LS6837



TRACER WIRE INSTALLED, SUCCESSFULLY TESTED AND PASSED ON 1/19/2022.



RECORD DRAWING LEGEND	
42.00	PROPOSED DESIGN ELEVATION OR DIMENSION LINED THROUGH.
42.07	'RECORD' ELEVATION OR DIMENSION WRITTEN IN.
54.8	INDICATES RECORD ELEVATION
✓	INDICATES 'RECORD' ELEVATION, DIMENSION, SLOPE, et cetera.
BFP	= BLACK FLOW PREVENTOR
BO	= BLOWOFF
NG	= NATURAL GROUND
A.P.	= ASPHALT PAVEMENT
P.C.P.	= PERMANENT CONTROL POINT
TON	= TOP OF NUT
INV.	= INVERT

RECORD DATA PROVIDED BY
GEOPOINT SURVEYING, INC.

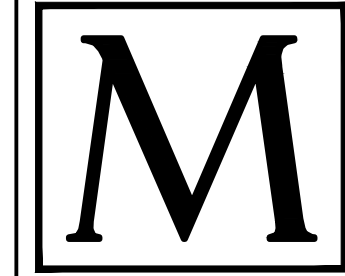
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Matthew J. Morris, P.E.
Florida License # 68434

Date _____

COUNTY MAINTAINED - WATER AND SEWER

PREPARED FOR:
CENTER POINT HOMES
5754 STATE ROAD 542 WEST, SUITE #5
WINTER HAVEN, FLORIDA 33880



MORRIS ENGINEERING AND CONSULTING, LLC
Civil Engineering and Land Development Consulting
6997 Professional Parkway East, Suite B, Sarasota, Florida 34240 C.A.28780 941-444-6644 www.morrisengineering.net

NO.	DATE	REVISION DESCRIPTION	BY
10	10/26/21	RECORD INFORMATION ADDED TO SHEETS 1, 6, 9, 13-18, 21-23, 25-27 AND 28	AFM
09	03/18/21	REVISED JACKBORE LENGTH, CLARIFIED PIPE MATERIALS	SPM
08	12/15/20	MISC. REV. PER UTILITY, ENG. - RED LINES	SPM
07	11/08/20	MISC. REVISIONS PER COMMENTS	SPM
06	06/24/18	MISC. REVISIONS PER COUNTY COMMENTS	SPM
05	09/24/18	MISC. REVISIONS PER COUNTY COMMENTS	SPM
04	07/23/18	MISC. REVISIONS PER COUNTY COMMENTS	SPM
03	04/03/18	REVISE FORCE MAIN	SPM
02	05/24/17	MISC. REVISIONS PER COUNTY COMMENTS	SPM
01	05/23/17	MISC. REVISIONS PER COUNTY COMMENTS	SPM

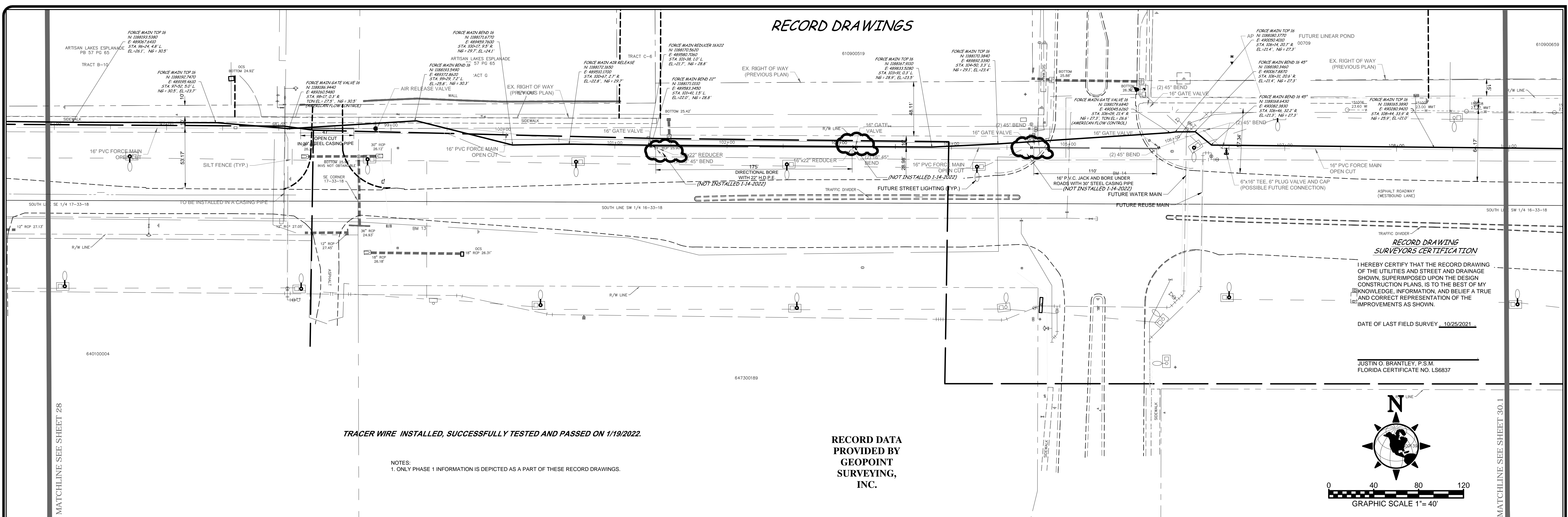
DATE	DATE
01/19/17	

PLAN & PROFILE - OFF SITE FORCE MAIN
COUNTRY WALK ESTATES PH 1
MANATEE COUNTY, FLORIDA

This item has been electronically signed and sealed by Matthew J. Morris, Florida License No. 68434. On 01/19/17 using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

SCALE	
H1"=40'	V1"=4'
SEC.-TSP.-RNG. 20'-330'-18"	
SHEET	OF
28	41

RECORD DRAWINGS



RECORD DRAWING SURVEYORS CERTIFICATION

I HEREBY CERTIFY THAT THE RECORD DRAWING OF THE UTILITIES AND STREET AND DRAINAGE SHOWN SUPERIMPOSED UPON THE DESIGN CONSTRUCTION PLANS, IS TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF A TRUE AND CORRECT REPRESENTATION OF THE IMPROVEMENTS AS SHOWN.

DATE OF LAST FIELD SURVEY: 10/25/2021

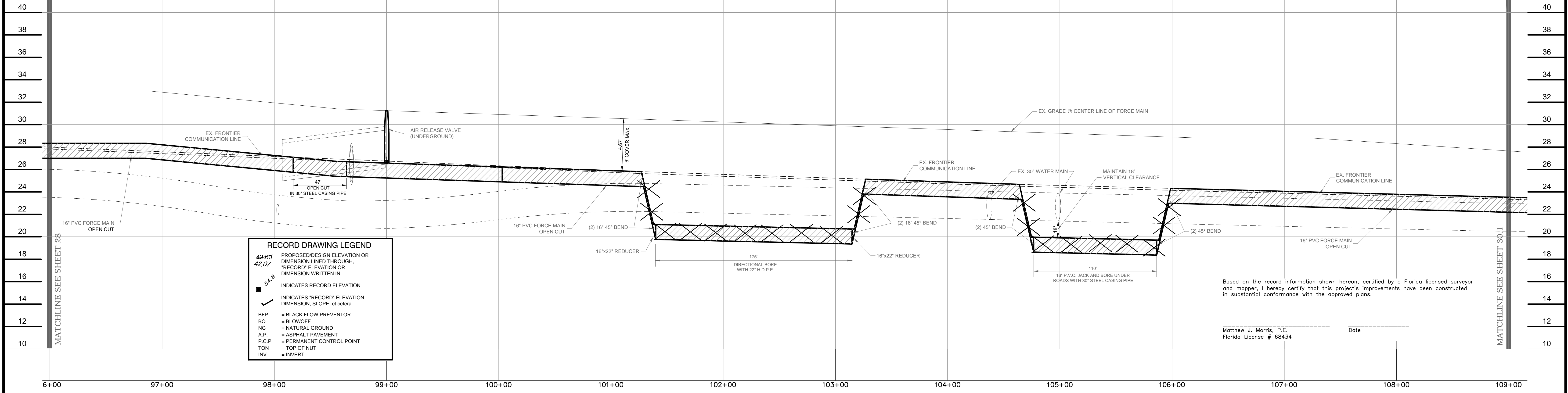
JUSTIN O. BRANTLEY, P.S.M.
FLORIDA CERTIFICATE NO. LS6837



TRACER WIRE INSTALLED, SUCCESSFULLY TESTED AND PASSED ON 1/19/2022.

NOTES:
1. ONLY PHASE 1 INFORMATION IS DEPICTED AS A PART OF THESE RECORD DRAWINGS.

RECORD DATA PROVIDED BY
GEOPOINT SURVEYING, INC.



RECORD DRAWING LEGEND

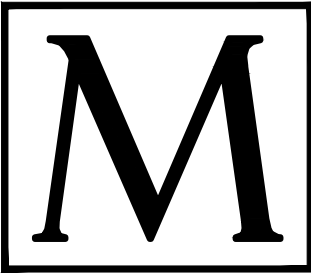
- 42.00
42.07
- INDICATES "RECORD" ELEVATION, DIMENSION, SLOPE, et cetera.
- INDICATES "RECORD" ELEVATION, DIMENSION, SLOPE, et cetera.
- BFP = BLACK FLOW PREVENTOR
- BO = BLOWOFF
- NG = NATURAL GROUND
- A.P. = ASPHALT PAVEMENT
- P.C.P. = PERMANENT CONTROL POINT
- TON = TOP OF NUT
- INV. = INVERT

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Matthew J. Morris, P.E. Date
Florida License # 68434

COUNTY MAINTAINED - WATER AND SEWER

PREPARED FOR:
CENTER POINT HOMES
5754 STATE ROAD 542 WEST, SUITE #5
WINTER HAVEN, FLORIDA 33880



MORRIS ENGINEERING AND CONSULTING, LLC
Civil Engineering and Land Development Consulting
6997 Professional Parkway East, Suite B, Sarasota, Florida 34240 C.A.28780 941-444-6644 www.morrisengineering.net

NO.	DATE	REVISION DESCRIPTION	BY
09	10/26/21	RECORD INFORMATION ADDED TO SHEETS 1, 6, 8, 13-16, 21-25, 29-31, 35-37 AND 39	AFM
08	03/18/21	ADDED BEND LABELS, MOVED ARV, REVISED JACKABORE / OPEN CUT EAST OF GATEWAY	SPM
07	12/15/20	MISC. REV. PER UTILITY. ENG. - RED LINES	SPM
06	11/08/20	MISC. REVISIONS PER COMMENTS	SPM
05	01/20/20	ADD FUTURE DRAINAGE SYSTEM	SPM
04	06/24/18	MISC. REVISIONS PER COUNTY COMMENTS	SPM
03	07/23/18	MISC. REVISIONS PER COUNTY COMMENTS	SPM
02	04/03/18	REVISE FORCE MAIN	SPM
01	05/24/17	MISC. REVISIONS PER COUNTY COMMENTS	SPM

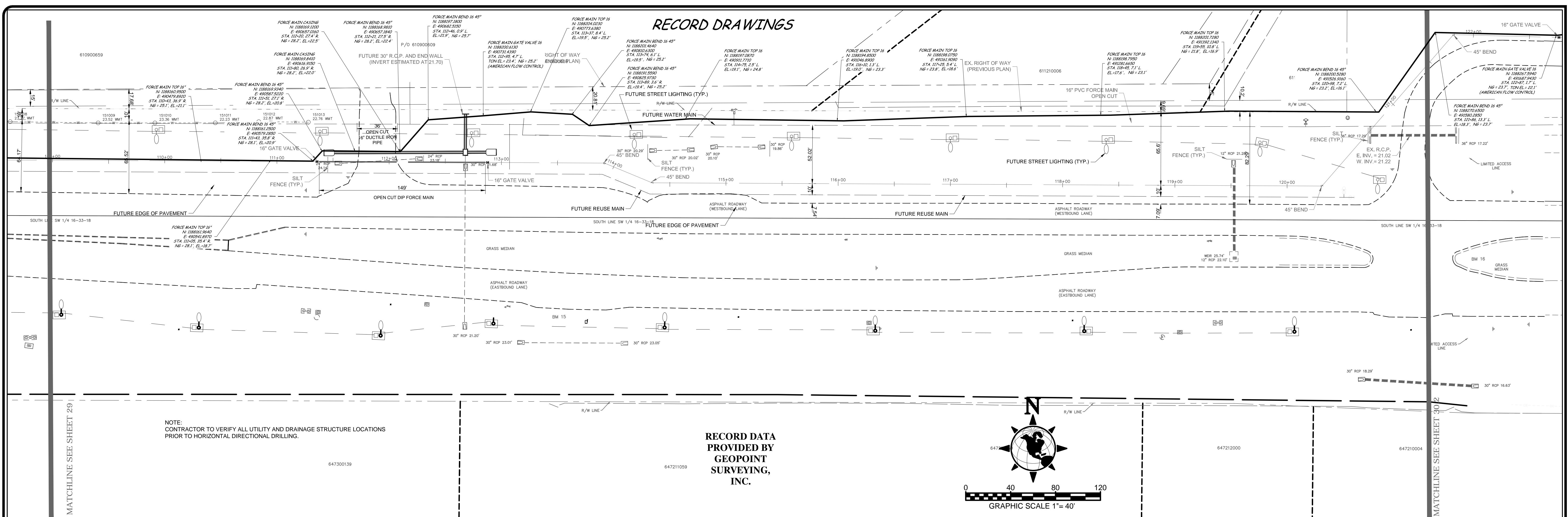
DATE	DATE	DATE	DATE
01/19/17			

PLAN & PROFILE - OFF SITE FORCE MAIN
COUNTRY WALK ESTATES PH 1
MANATEE COUNTY, FLORIDA

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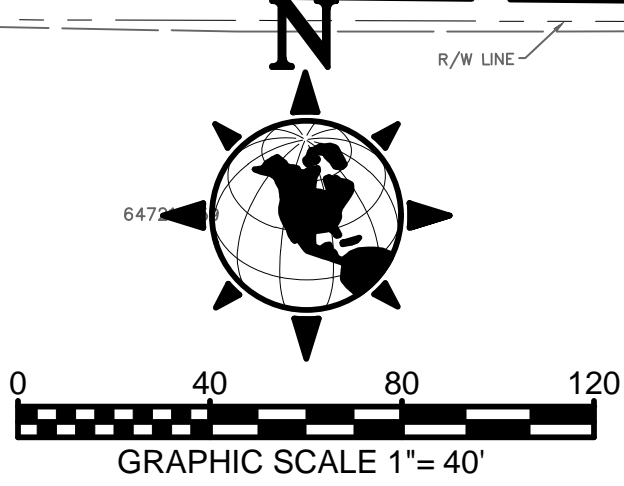
SHEET	OF
29	41

RECORD DRAWINGS



NOTE: CONTRACTOR TO VERIFY ALL UTILITY AND DRAINAGE STRUCTURE LOCATIONS PRIOR TO HORIZONTAL DIRECTIONAL DRILLING.

RECORD DATA PROVIDED BY GEOPPOINT SURVEYING, INC.



TRACER WIRE INSTALLED, SUCCESSFULLY TESTED AND PASSED ON 1/19/2022.

RECORD DRAWING LEGEND	
42-00 42.07	PROPOSED DESIGN ELEVATION OR DIMENSION LINED THROUGH, 'RECORD' ELEVATION OR DIMENSION WRITTEN IN.
5-A-B	INDICATES RECORD ELEVATION
█	INDICATES 'RECORD' ELEVATION, DIMENSION, SLOPE, et cetera.
BFP	= BLACK FLOW PREVENTOR
BO	= BLOWOFF
NG	= NATURAL GROUND
A.P.	= ASPHALT PAVEMENT
P.C.P.	= PERMANENT CONTROL POINT
TON	= TOP OF NUT
INV.	= INVERT

RECORD DRAWING SURVEYORS CERTIFICATION

I HEREBY CERTIFY THAT THE RECORD DRAWING OF THE UTILITIES AND STREET AND DRAINAGE SHOWN, SUPERIMPOSED UPON THE DESIGN CONSTRUCTION PLANS, IS TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF A TRUE AND CORRECT REPRESENTATION OF THE IMPROVEMENTS AS SHOWN.

DATE OF LAST FIELD SURVEY, 10/25/2021

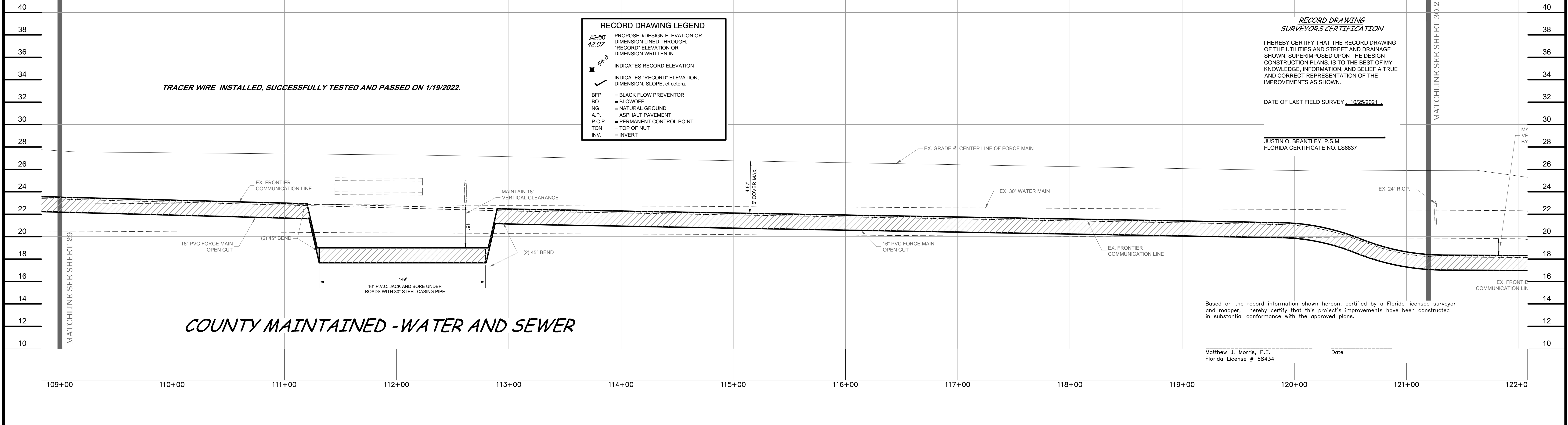
JUSTIN O. BRANTLEY, P.S.M.
FLORIDA CERTIFICATE NO. LS6837

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Matthew J. Morris, P.E.
Florida License # 68434

Date

COUNTY MAINTAINED - WATER AND SEWER



PREPARED FOR:
CENTER POINT HOMES
5754 STATE ROAD 542 WEST, SUITE #5
WINTER HAVEN, FLORIDA 33880

MORRIS ENGINEERING AND CONSULTING, LLC
Civil Engineering and Land Development Consulting
6997 Professional Parkway East, Suite B, Sarasota, Florida 34240 C.A.28780 941-444-6644 www.morrisengineering.net

NO.	DATE	REVISION DESCRIPTION
10	10/26/21	RECORD INFORMATION ADDED TO SHEETS 1, 6, 8, 12-16, 21-25, 28-31, 33-37 AND 39
09	03/18/21	CLARIFIED PIPE SIZE AND MATERIAL
08	12/15/20	MISC. REV. PER UTILITY, ENG. - RED LINES
07	11/06/20	MISC. REVISIONS PER COMMENTS
06	11/06/20	ADD FUTURE DRAINAGE SYSTEM
05	09/24/18	MISC. REVISIONS PER COUNTY COMMENTS
04	07/23/18	MISC. REVISIONS PER COUNTY COMMENTS
03	04/03/18	REMOVE FORCE MAIN
02	05/24/17	MISC. REVISIONS PER COUNTY COMMENTS
01	05/23/17	MISC. REVISIONS PER COUNTY COMMENTS

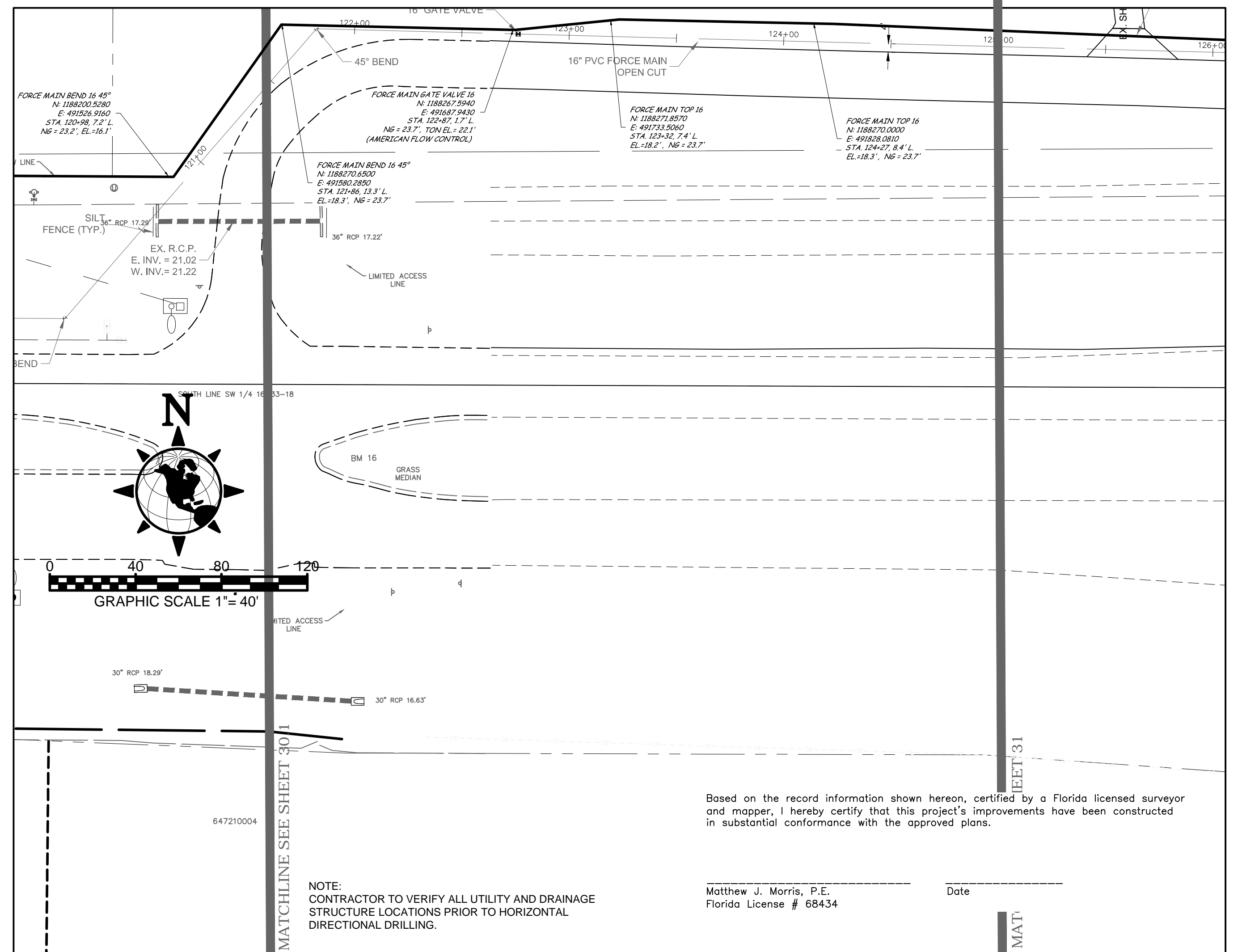
DATE: 01/19/17
PROJECT: PRAWELA
DRAWING: PP-OSFM
DRAWN BY: [Signature]
CHECKED BY: [Signature]

PLAN & PROFILE - OFF SITE FORCE MAIN
COUNTRY WALK ESTATES PH 1
MANATEE COUNTY, FLORIDA

SCALE: H1"=40' V1"=4'
SEC-TSP-RNG: 20-335-18E
SHEET 30.1 OF 41

MATTHEW J. MORRIS
FL. LICENSE NO. 68434

RECORD DRAWINGS



RECORD DATA
PROVIDED BY
GEOPOINT
SURVEYING,
INC.

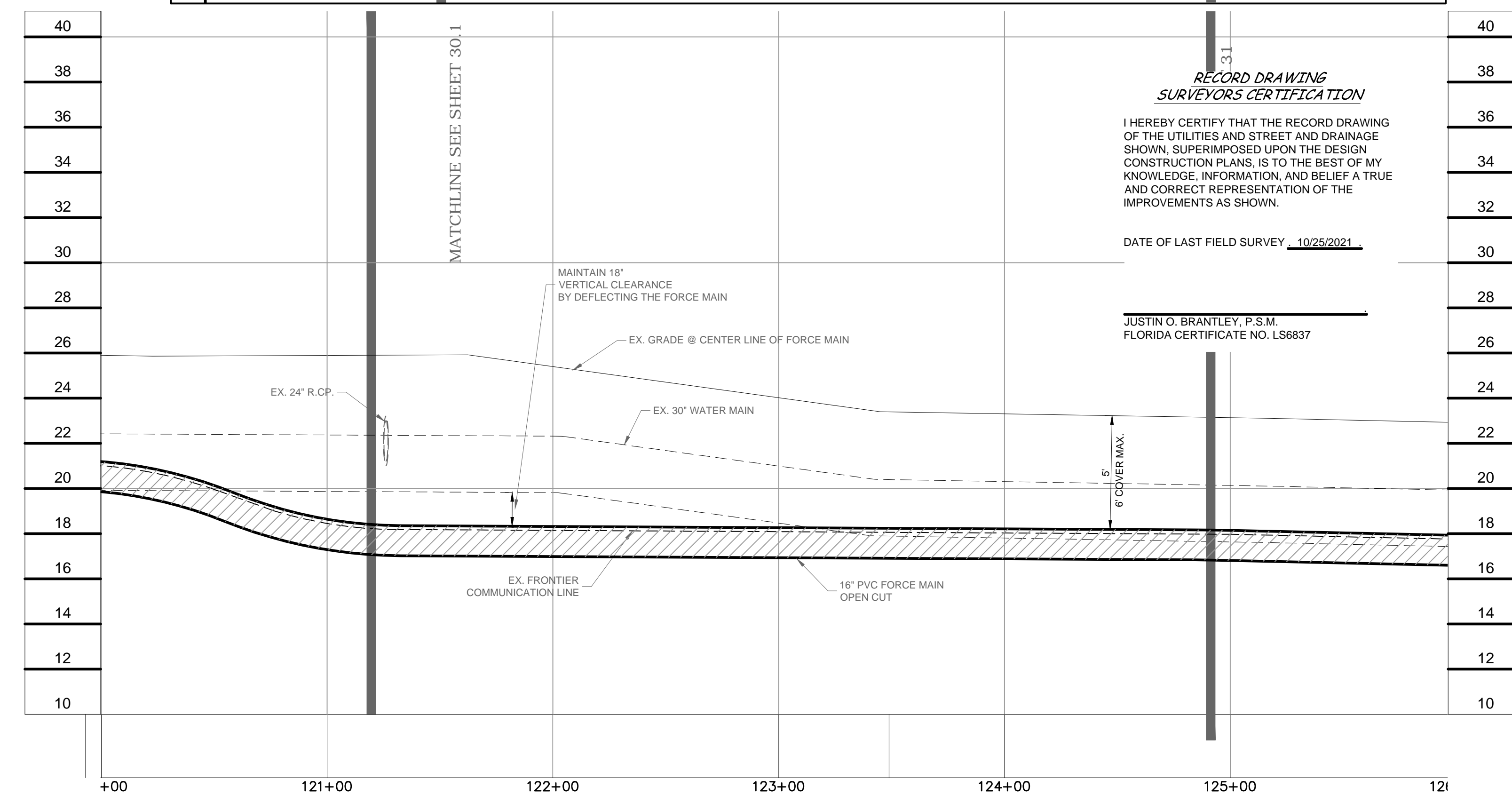
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Florida License # 68434

Date

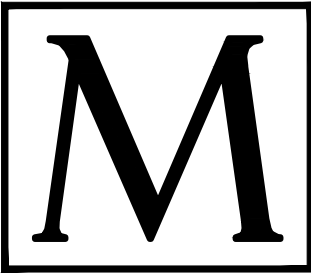
TRACER WIRE INSTALLED, SUCCESSFULLY TESTED AND PASSED ON 1/19/2022.

RECORD DRAWING LEGEND	
	PROPOSED/DESIGN ELEVATION OR DIMENSION LINED THROUGH, 'RECORD' ELEVATION OR DIMENSION WRITTEN IN.
	INDICATES RECORD ELEVATION
	INDICATES 'RECORD' ELEVATION, DIMENSION, SLOPE, et cetera.
	BFP = BLACK FLOW PREVENTOR
	BO = BLOWOFF
	NG = NATURAL GROUND
	A.P. = ASPHALT PAVEMENT
	P.C.P. = PERMANENT CONTROL POINT
	TON = TOP OF NUT
	INV. = INVERT



COUNTY MAINTAINED - WATER AND SEWER

PREPARED FOR:
CENTER POINT HOMES
5754 STATE ROAD 542 WEST, SUITE #5
WINTER HAVEN, FLORIDA 33880



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Civil Engineering and Land Development Consulting
6997 Professional Parkway East, Suite B, Sarasota, Florida 34240 C.A.28780 941-444-6644 www.morrisengineering.net

NO.	DATE	REVISION DESCRIPTION	BY
06	10/28/21	RECORD INFORMATION ADDED TO SHEETS 1, 6, & 13-16, 21-25, 28-31, 33-37 AND 39	APM
04	05/18/21	CLAMPED PIPE MATERIAL	SPM
03	12/15/20	MISC. REV. PER UTILITY. ENG. - RED LINES	SPM
02	11/05/20	MISC. REVISIONS PER COMMENTS	SPM
01	01/15/19	ADD SHEET PER COMMENTS	SPM

DATE	PROJECT	DRAWING	DRWN IS	CHECKED
01/19/17	PRAWELA	PP-OSFM		MJM

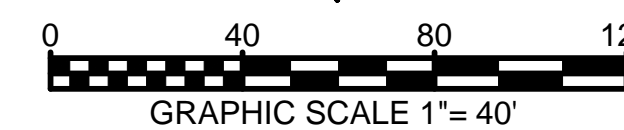
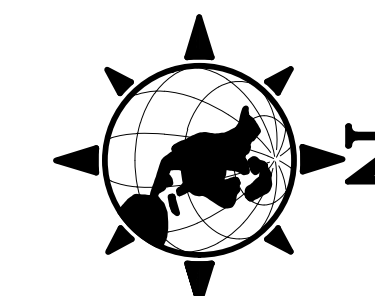
PLAN & PROFILE - OFF SITE FORCE MAIN
COUNTRY WALK ESTATES PH 1
MANATEE COUNTY, FLORIDA

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MATTHEW J. MORRIS
FL LICENSE NO. 68434

SCALE	
H:1"=40'	V:1"=4'
SEC-TSP-RNG.	
20-335-18E	
SHEET	OF
30.2	41

RECORD DRAWINGS



NOTE:
CONTRACTOR TO VERIFY ALL UTILITY AND DRAINAGE STRUCTURE LOCATIONS
PRIOR TO HORIZONTAL DIRECTIONAL DRILLING.

RECORD DRAWING
SURVEYORS CERTIFICATION

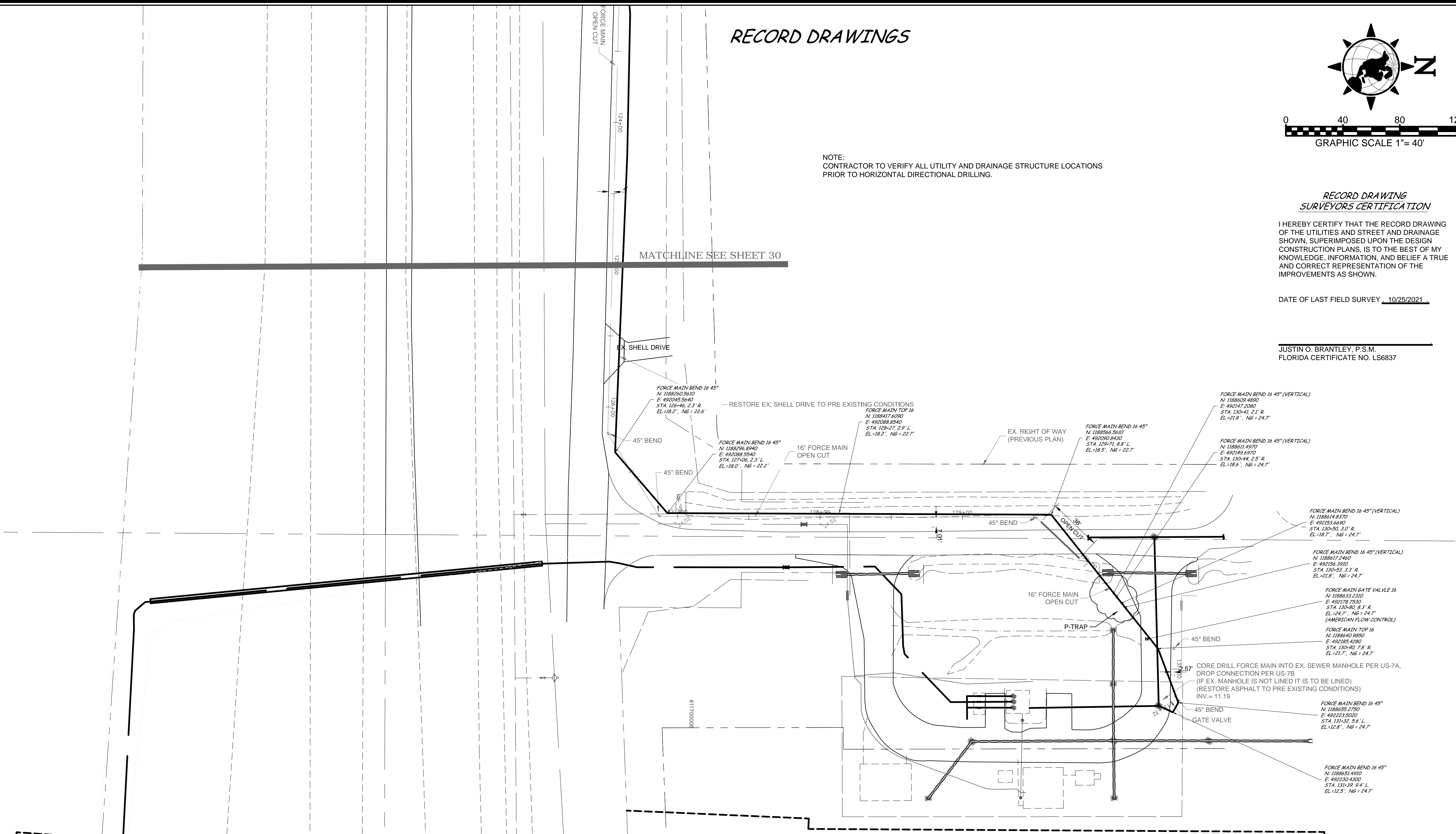
I HEREBY CERTIFY THAT THE RECORD DRAWING OF THE UTILITIES AND STREET AND DRAINAGE SHOWN, SUPERIMPOSED UPON THE DESIGN CONSTRUCTION PLANS, IS TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF A TRUE AND CORRECT REPRESENTATION OF THE IMPROVEMENTS AS SHOWN.

DATE OF LAST FIELD SURVEY 10/25/2021

JUSTIN O. BRANTLEY, P.S.M.
FLORIDA CERTIFICATE NO. LS6837

MATCHLINE SEE SHEET 30

TRACER WIRE INSTALLED, SUCCESSFULLY TESTED AND PASSED ON 1/19/2022.



RECORD DRAWING LEGEND

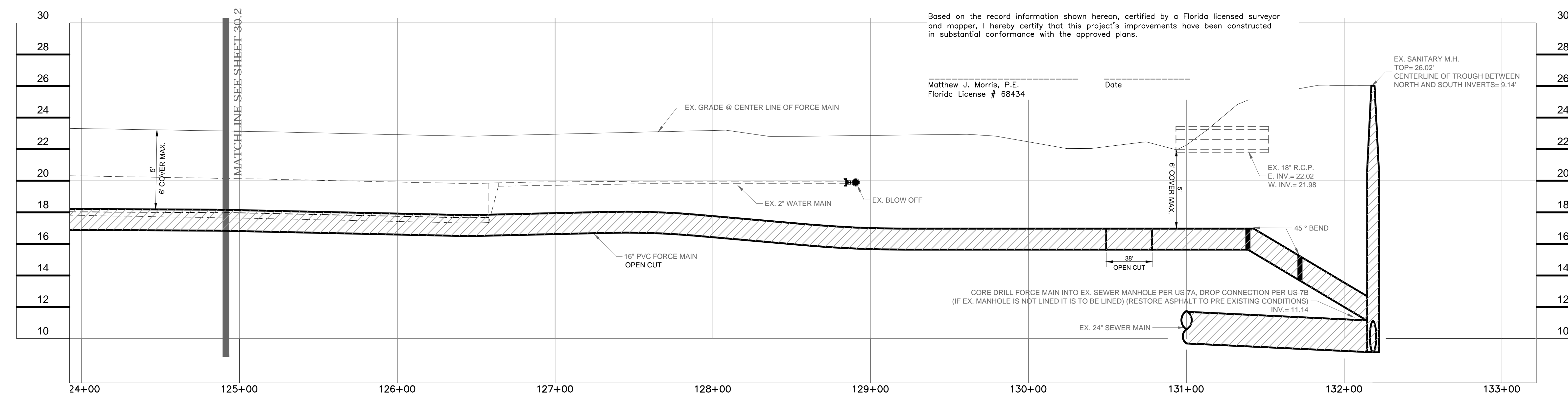
42.00	PROPOSED DESIGN ELEVATION OR DIMENSION LINED THROUGH.
42.07	"RECORD" ELEVATION OR DIMENSION WRITTEN IN.
5A.B	INDICATES RECORD ELEVATION
✓	INDICATES "RECORD" ELEVATION, DIMENSION, SLOPE, et cetera.
BFP	= BLACK FLOW PREVENTOR
BO	= BLOWOFF
NG	= NATURAL GROUND
A.P.	= ASPHALT PAVEMENT
P.C.P.	= PERMANENT CONTROL POINT
TON	= TOP OF NUT
INV.	= INVERT

RECORD DATA
PROVIDED BY
GEOPOINT
SURVEYING,
INC.

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Matthew J. Morris, P.E.
Florida License # 68434

Date



COUNTY MAINTAINED - WATER AND SEWER

PREPARED FOR:
CENTER POINT HOMES
5754 STATE ROAD 542 WEST, SUITE #5
WINTER HAVEN, FLORIDA 33880



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Civil Engineering and Land Development Consulting
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NO.	DATE	REVISION DESCRIPTION	BY
08	10/25/21	RECORD INFORMATION ADDED TO SHEETS 1, 2, 3, 12-15, 21-23, 25-26, 28-27 AND 30	AM
08	03/18/21	CLARIFIED PIPE MATERIAL	SPM
07	12/15/20	MISC. REV. PER UTILITY. ENG. - RED LINES	SPM
06	11/08/20	MISC. REVISIONS PER COMMENTS	SPM
06	09/24/18	MISC. REVISIONS PER COUNTY COMMENTS	SPM
04	07/23/18	MISC. REVISIONS PER COUNTY COMMENTS	SPM
03	04/03/18	REVISE FORCE MAIN	SPM
02	05/23/17	MISC. REVISIONS PER COUNTY COMMENTS	SPM
01	05/23/17	MISC. REVISIONS PER COUNTY COMMENTS	SPM

DATE	DATE
01/19/17	

PROJECT	DRAWING
KRAWELA	PP-OSFM

DRAWN	CHECKED
IS	MJM

PLAN & PROFILE - OFF SITE FORCE MAIN
COUNTRY WALK ESTATES PH 1
MANATEE COUNTY, FLORIDA

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SHEET	OF
31	41