

GENERAL NOTES:

1. OWNERSHIP AND UNIFIED CONTROL STATEMENT:
THE PROPOSED PROJECT IS OWNED BY BORDEN & JACARANDA HOLDINGS, LLC.
2. CHARACTER AND INTENT OF THE STATEMENT:
ATTACHED TOWNSHIP DEVELOPMENT.
3. MAINTENANCE OF COMMON FACILITIES STATEMENT:
BORDEN & JACARANDA HOLDINGS, LLC OR THE HOMEOWNERS ASSOCIATION IS RESPONSIBLE FOR MAINTENANCE OF THE SITE IMPROVEMENTS.
THE ON-SITE IMPROVEMENTS WILL NOT BE DELEGATED TO THE PUBLIC OR MAINTAINED BY THE PUBLIC.
4. EXISTING LAND USE:
VACANT LAND (33800100)
VACANT LAND (33800100)
5. ZONING/PROPERTY ID:
PUD33800100
PUD33800100
6. FLOOD ZONE:
THE SITE APPEARS TO BE WITHIN FLOOD ZONE "X" ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) - FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY MAP NO. 12044 0244 F (MAP NUMBER DISCONTINUED) REVISED NOVEMBER 4, 2016.
7. SITE COVERAGE: PID: 0389-00-1000, 0389001001

INFRASTRUCTURE IMPROVEMENTS

LINEAR FEET OF POTABLE WATER (8")	=	2,332	LF
LINEAR FEET OF POTABLE WATER (4")	=	404	LF
LINEAR FEET OF RECLAIM MAIN (8")	=	119	LF
LINEAR FEET OF SANITARY SEWER MAIN	=	2,081	LF
LINEAR FEET OF FORCE MAIN	=	1050	LF
NUMBER OF MANHOLES	=	15	UNITS

CITY OF VENICE TO PROVIDE POTABLE WATER,
RECLAIMED WATER AND SOLID WASTE SERVICES
TO THE PROJECT

SARASOTA COUNTY TO PROVIDE SANITARY
SEWER TO THE PROJECT

8. SERVICES	REQUIRED	PROVIDED
STREET YARD:	20'-0"	30'-0"
SIDE YARD:	5'-0"	10'-0" (20'-0" BETWEEN BUILDINGS)
REAR YARD:	10'-0"	10'-0"

9. BUILDING DATA:
HABITING RESIDENTIAL BUILDING HEIGHT SHALL BE THREE (3) STORIES, UP TO 42 FT (IMP-3 DESIGN STANDARDS). UP TO 20.00 50 FT

BUILDING HEIGHT REFERS TO THE MAXIMUM VERTICAL DISTANCE MEASURED FROM THE FOLLOWING BENCHMARKS:

1. FEMA FLOOD HAZARDOUS FLOOD REQUIREMENT: THIS PROPERTY IS NOT IN A DESIGNATED FEMA FLOOD ZONE. THIS SITE IS WITHIN THE LIMITS OF FLOOD ZONE "X" AND NO BASE FLOOD ELEVATION HAS BEEN ESTABLISHED FOR THIS AREA.
2. HABITABLE FLOOR STRUCTURAL SUPPORT: TO OUR KNOWLEDGE, THERE IS NO FLOOR REQUIREMENT IN THIS AREA.
3. 16 INCHES ABOVE THE AVERAGE ELEVATION OF THE ADJACENT ROADWAY: THE ADJACENT ROADWAY FOR THIS SITE IS LAUREL ROAD WITH AN AVERAGE CORON ELEVATION OF 13.4 FT (IMD 1980). RESULTING IN A BUILDING HEIGHT BENCHMARK OF 14.3 FT (IMD 1980). THIS BENCHMARK IS THE MOST APPROPRIATE FOR THIS PROJECT.
4. THE AVERAGE NATIONAL GRADE UNALTERED BY HUMAN INTERVENTION: THE EXISTING ON-SITE GRADE REFERENCE IN THE ELEVATION 13 FT - 15 FT RANGE.

10. PARKING CALCULATIONS:	2 SPACES FOR EVERY RESIDENTIAL UNIT
REQUIRED PARKING RATIO:	252 RESIDENT PARKING (1 DRIVEWAY, 1 GARAGE)
REQUIRED HANDICAP SPACES:	4
LOADING ZONES:	4
VISITOR SPACES:	32
PROVIDED PARKING SPACES:	256

11. STORMWATER MANAGEMENT:
THIS DEVELOPMENT PROVIDES A MASTER STORMWATER MANAGEMENT SYSTEM THAT IS CONSISTENT WITH CITY OF VENICE AND NEIGHBORHOOD REQUIREMENTS.
12. REUSE AND RECYCLABLE NOTE:
REFUSE AND RECYCLABLES SHALL BE PICKED UP BY AN AUTHORIZED TRASH HAULER OR TAKEN TO A PRIVATE RECYCLING FACILITY. ALL REUSE AND RECYCLING TO BE IN ACCORDANCE WITH CITY OF VENICE VEHICLE CODES. REUSE COLLECTION SHALL BE PROVIDED BY WASTE MANAGEMENT.
13. UTILITY NOTES:
1. FORD WATERMASTER, FORD WATER, SARASOTA RUN USE AND SARASOTA UTILITY PERMITS ARE REQUIRED.
2. WATER DISTRIBUTION CONSTRUCTION SHALL BE IN ACCORDANCE WITH SARASOTA COUNTY SPECIFICATIONS.
3. SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH SARASOTA COUNTY SPECIFICATIONS.
4. THE CONTRACTOR SHALL CONTACT "SUNSHINE STATE" ONE CALL, FPL, AND ALL OTHER UTILITY COMPANIES PRIOR TO ANY WORK (ON-SITE OR OFF-SITE) SO THAT THE EXACT LOCATION OF ALL UTILITIES CAN BE DETERMINED.

4. UTILITIES AS FOLLOWS:
- JUNE SERVICE TO BE PROVIDED BY VERIZON.
- POWER TO BE PROVIDED BY FPL.
- GAS, IF REQUESTED, TO BE PROVIDED BY TECO/PEOPLES GAS.
5. ANY WELLS DISCOVERED DURING EARLY TESTING, EXCAVATION OR CONSTRUCTION MUST BE REPORTED TO THE ENVIRONMENTAL ENGINEERING WITHIN 24 HOURS OF DISCOVERY.
6. IF SAID WELL HAS NO USE IT SHALL BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR TO AN APPROVED HANGER.
7. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO SEPTIC TANKS LOCATED ON THIS SITE.
8. ALL UTILITIES INCLUDING TELEPHONE, TELEVISION CABLE AND ELECTRICAL SYSTEMS SHALL BE INSTALLED UNDERGROUND.

14. UTILITY PROVIDERS:
CITY OF VENICE UTILITIES DEPT.
JANET VANDERKAM, MAY
200 N. W. 10TH ST
VENICE, FL 34209
813-480-3333 EXT. 1216
FRONTIER COMMUNICATIONS
TOM CANNON
3711 W. HAWLEY ST
TAMPA, FL 33607
813-875-1014
SARASOTA COUNTY TRAFFIC
MARK REICHARDT
PO BOX 8
SARASOTA, FL 34208-0008
941-861-0842
FLORIDA POWER & LIGHT
JOEL BRAD
CONTRACT BY PHONE
386-586-4403

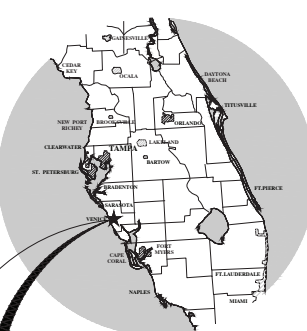
15. SITE CLEARING NOTES:
NO CLEARING WITH HEAVY EQUIPMENT, FILLING, OR PLACEMENT OF IMPROVEMENTS OR UTILITY LINES SHALL OCCUR WITHIN THE PROTECTED ROOT ZONE OF ANY CANOPY TREE TO BE SAVED. THE PROTECTED ROOT ZONE IS DEFINED AS THE OUTLINE OF THE TREE, ONLY HAND CLEARING IS PERMITTED WITHIN THE PROTECTED ROOT ZONE OF CANOPY TREES TO BE SAVED IF AUTHORIZED BY THE ADMINISTRATION. WHERE UNAUTHORIZED REMOVAL OF NATIVE VEGETATION WITHIN THE PROTECTED ROOT ZONE OCCURS, THE ADMINISTRATION MAY REQUIRE THE PLANTING OF UNDERSTORY VEGETATION.
A TREE PERMIT WILL BE REQUIRED PRIOR TO ANY CONSTRUCTION, NATIVE VEGETATION REMOVAL WITHIN THE OUTLINE OF A TREE, AND/OR TREE REMOVAL.
16. CITY OF VENICE REQUIRED NOTES:
1. ALL WORK CONDUCTED IN THE CITY OF VENICE RIGHT-OF-WAY (ROW) WILL REQUIRE ISSUANCE OF A RIGHT-OF-WAY PERMIT.
2. ALL WORK CONDUCTED IN THE CITY OF VENICE, SARASOTA COUNTY AND/OR FOOT ROW SHALL REQUIRE A COPY OF THE ISSUANCE PERMIT.
3. TREE REMOVAL PERMIT MUST BE OBTAINED FROM CITY OF VENICE NATURAL RESOURCES DEPARTMENT.
4. TREE DEVELOPMENT PERMIT MUST BE OBTAINED FROM PRE-DEVELOPMENT BUDGET REVIEW RATE FOR A 24-HOUR, 25-HOUR STORM EVENT.
5. ALL TREE REMOVALS SHALL BE REPLACED BY A CERTIFIED CONTRACTOR WITH A CLASS 1, 2, 3 OR 4 CERTIFICATE OF COMPETENCY ISSUED BY THE STATE TREE MARSHAL (45 F.S. 103.05).
6. A CONSTRUCTION SITE MUST BE POSTED WITH 24-HOUR CONTACTS INFORMATION.
7. ALL UTILITIES (BOTH PUBLIC OR PRIVATE) SHALL MEET CITY OF VENICE AND/OR SARASOTA COUNTY STANDARDS.
8. CONTACT PUBLIC WORKS SOLID WASTE DIVISION (941-486-2422) FOR APPROVAL OF CURBSIDE LOCATION AND LAYOUT PRIOR TO CONSTRUCTION.



VICINITY MAP
SARASOTA COUNTY, FLORIDA
SECTION 34, TOWNSHIP 38 SOUTH, RANGE 19 EAST

	PUD REZONE		SUM OF PLATTED UNITS WITHIN MITLAND PUD		PRELIMINARY PLAT CIELO PHASE 1		PRELIMINARY PLAT FIORE (AKA CIELO) PHASE 2	
LAND USE	AREA (AC.)	%	AREA (AC.)	%	AREA (AC.)	%	AREA (AC.)	%
RESIDENTIAL	182	34.5%	108.51	27.0%	15.63	17.4%	6.65	18.7%
URBANITY AREA	4	0.8%	4.87	1.2%	1.05	1.2%	0.52	1.5%
ROAD ROW	50	9.5%	32.41	8.1%	4.56	5.1%	2.35	6.6%
WETLANDS	131		74.33		39.58		8.56	
CONSERVATION	9		18.48		6.06		3.25	
LAKES	94		95.55		10.213		4.347	
OTHER OPEN SPACE	37		78.65		13.077		9.84	
TOTAL OPEN SPACE	291	55.2%	267.71	66.6%	68.93	76.6%	26.00	73.2%
IMPERVIOUS	N/A		103.16	25.7%	8.623	9.6%	10.597	29.8%
TOTAL AREA	527.32	100%	401.82	100%	89.98	100%	35.52	100%

	LOT TYPE		#		#		#	
PERMIT / FILE NOS.	ADDRESS / CONTACT NO.	WATER COMMITMENT	SEWER COMMITMENT	SWP/MD	WATER DEP	SEWER DEP	PARTIAL ID	0389-01-0000, 0389-01-0001
SINGLE FAMILY DETACHED A LOTS	N/A							
SINGLE FAMILY DETACHED B LOTS	N/A							
SINGLE FAMILY ATTACHED (PAIRED VILLAGES)	N/A							
MULTI FAMILY	N/A							
SINGLE FAMILY DETACHED D LOTS	N/A							
SINGLE FAMILY DETACHED E LOTS	N/A							
SINGLE FAMILY ATTACHED (TOWNHOME)	N/A							
LOT TOTAL	1350							
DU/AC	2.56							



UTILITIES RECORD DRAWINGS

FIORE (F.K.A. CIELO PH. 2)

INDEX OF CONSTRUCTION PLANS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	EXISTING SITE CONDITIONS & DEMOLITION PLAN
3	MASTER SITE PLAN
4	AERIAL SITE PLAN
5-7	SITE PLAN
8	TYPICAL ROADWAY SECTIONS
9	MASTER DRAINAGE PLAN
10-12	NEIGHBORHOOD GRADING PLAN
13-14	CROSS SECTIONS
15	DRAINAGE STRUCTURE DATA
16	MASTER UTILITY PLAN
17	WATER & SEWER PLAN
18-20	ROADWAY PLAN & PROFILE
21	SIDEWALK, SIGNING & PAVEMENT MARKING PLAN
22	PUMP STATION DESIGN
23	PUMP STATION DETAILS
24-25	DRAINAGE DETAILS
26	GENERAL ENGINEERING
27-28	SIDEWALK DETAILS
29	GENERAL UTILITIES
30-31	POTABLE WATER SYSTEM DETAILS
32-33	SANITARY SEWER SYSTEM DETAILS
34	INTERSECTION IMPROVEMENTS
35	PRE DEVELOPMENT DRAINAGE AREA
36	POST DEVELOPMENT DRAINAGE AREA
37	SURFACE WATER MANAGEMENT PLAN
38	ADDRESS PLAN
39	AMENDMENT COMPARISON
40-41	PERMIT LANDSCAPE PLANS
42-43	TREE REMOVAL PLANS
44-45	CEO PLANS (BY OTHERS)
46-47	STANDARD INSTALLATION PLANS FOR SINGLE & THREE-PHASE DUPLEX MOTOR CONTROL PANELS

1	MOTOR CONTROL PANEL LAYOUT
2	MOTOR CONTROL PANEL BILL OF MATERIALS
3A-3B	MOTOR CONTROL PANEL WIRING
4A-4B	CONTROL SCHEMATIC
4C-4D	STANDARD INSTALLATION PLANS FOR DUPLEX MOTOR CONTROL PANEL (MCP) AND REMOTE TELEMETRY UNIT (RTU)
1-3	PANEL INSTALLATION DETAILS
4A-4B	STANDARD FABRICATION PLANS FOR PLC REMOTE TELEMETRY
1A	RTU PANEL LAYOUT
2	RTU PANEL BILL OF MATERIALS
3A-4A	RTU PANEL WIRING

RECORD DRAWINGS

March 3, 2022

APPROVED



CERTIFICATE OF AUTHORIZATION L11 0007184
8113 Blumens, Coral, Suite E
Boca Raton, FL 33420
Phone: (561) 328-4297
Fax: (561) 328-0858
JEFFERY B. MORROW P.E.M
FL CERT. NO. 6296
DATE OF LAST FIELD MEASUREMENTS: 01-14-22
PRINTED COPIES OF THIS DOCUMENT ARE NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. ELECTRONIC COPIES OF THIS DOCUMENT ARE ONLY VALID IF THE DIGITAL CERTIFICATION AND SEAL OF A VERIFIED

PREPARED FOR:

NEAL COMMUNITIES

5800 Lakewood Ranch Blvd. N.
Sarasota, Florida 34240
Phone: (941) 328-1111

PREPARED BY:

Clearview
LAND DESIGN, P.L.

Engineering Business C.A. No.: 28898
3010 W Azele St., Suite 150, Tampa, Florida 33609
Office: 813-223-3919 Fax: 813-223-3975

THE ENGINEER OR SURVEYOR, WITH INFORMATION PROVIDED BY THE CONTRACTOR, SHALL PROVIDE RECORD DRAWINGS THAT MEET THE REQUIREMENTS OF THE SARASOTA COUNTY UNIFORM WASTEWATER CODE, LATEST EDITION.

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW!
DIAL 811



FLORIDA DEPARTMENT OF TRANSPORTATION

FIORE
(F.K.A. CIELO PH. 2)

This has been digitally signed and sealed by CHRISTOPHER M. FISHER, P.E., on the date adjacent to the seal.
Printed copies of this document are not considered signed and sealed and the signatures must be verified on any electronic copies.

DATE: 02/24/2022 CHRISTOPHER FISHER NO. 85555
FLORIDA PROFESSIONAL ENGINEER

JOB NO.: NCI-CO-003
Elevations based on National Geodetic Vertical Datum (NGVD) 1929
Conversion from NGVD 29 to NAVD 88 = -1.18 Feet

STREET & DRAINAGE WATER & SANITARY SEWER
DESIGNED BY: CMF DRAWN BY: CMF
CHECKED BY: DNS

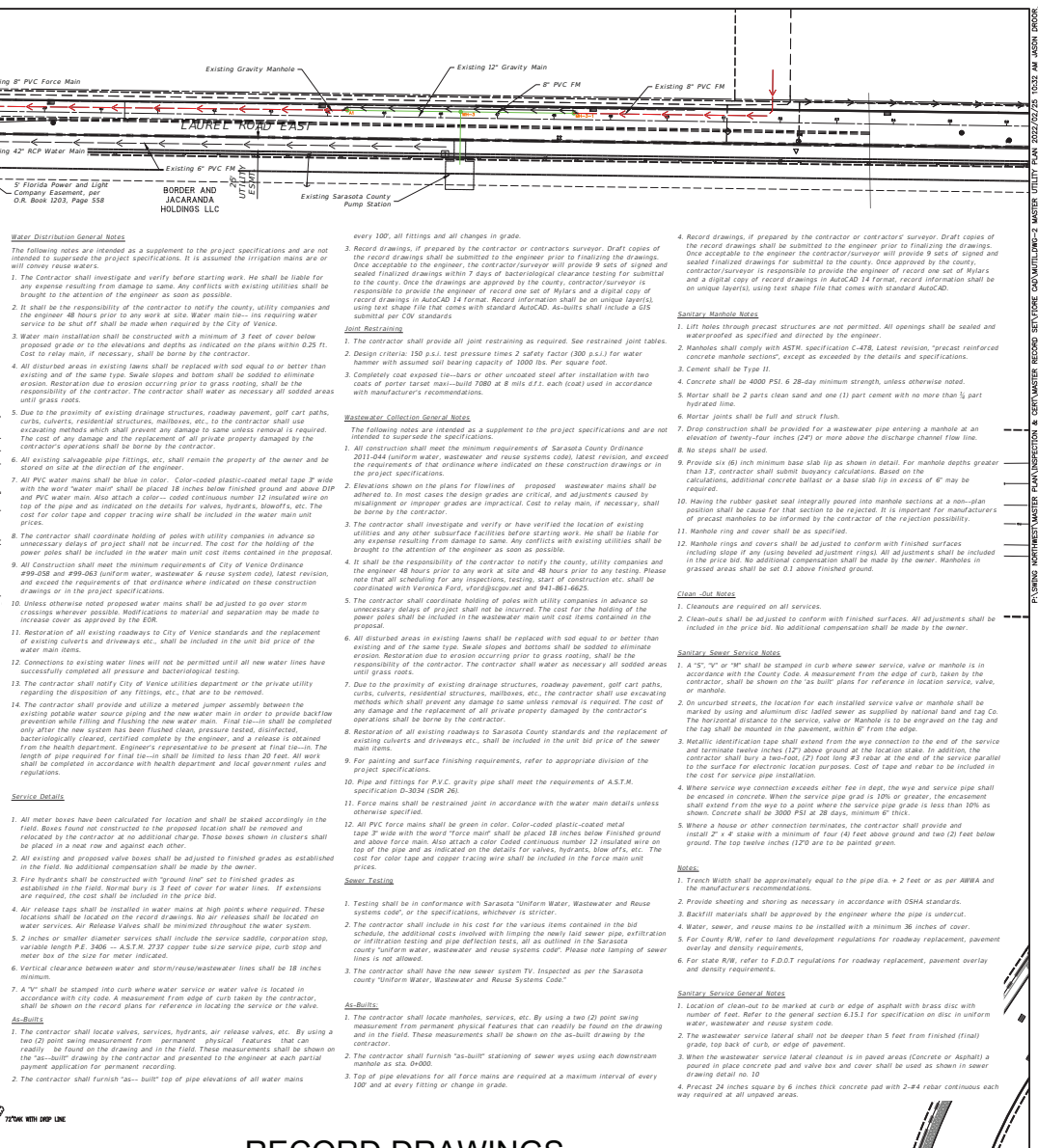
FILE: CV SHEET 1 OF 39



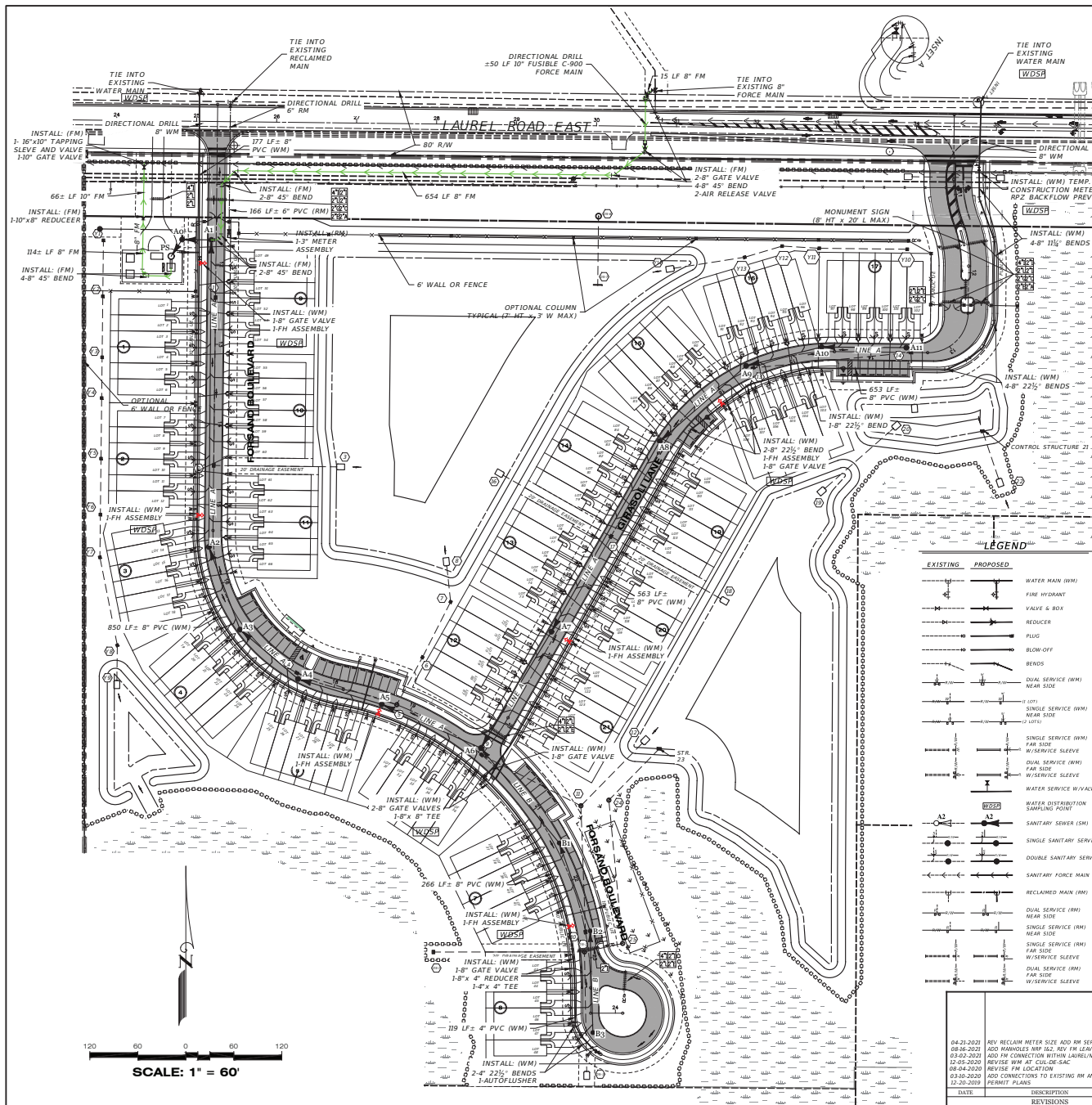
2022.02.25
12:36:06-05'00'

DATE	REVISIONS
02-24-2022	REVISE RECORD DRAWINGS 188-208
03-26-2022	RECORD DRAWINGS
09-20-2022	12.15
08-06-2021	17-20-22-23
07-24-2021	9.11.22.19
06-08-2021	12.14.19.20.21.11.15.17
04-21-2021	13.15
04-06-2021	23-23-29-31
03-02-2021	8.12.15.17.16
12-05-2020	14.12.14.16.19.26.29-31
08-04-2020	14.6.17
06-24-2020	14.12.14.17
04-20-2020	17.11.13.17.19
03-20-2020	12.15.21
12-20-2019	PERMIT PLANS

BY:



 Clearview LAND DESIGN, P.C. Engineering Business C.A. No. 2850 3000 W. Anheis St., Suite 300, Tampa, Florida 33606 (813) 242-2939 Fax: (813) 242-9372	RECORD MASTER UTILITY PLAN	
	JOB NO. MCC-C-003	CITY FIORE
	COUNTY CHF	(F.K.A. CIELO PH. 2)
	DRAWING DWS	PREPARED FOR: NEAL COMMUNITIES
	DATE 02-24-2012	Elevations based on National Geodetic Vertical Datum (NGVD 29) Conversion from NGVD 29 to NAVD 83 = -1.1 Feet
DATE: 06/25/2009 CHRISTOPHER FISHER NO. 86555 I hereby certify that the design and calculations shown on this plan were prepared or verified by me or under my direct supervision and that I am a duly licensed Professional Engineer in the State of Florida.	FILE # SHEET 16 OF 39 SHEETS	



WATER AND SEWER CONSTRUCTION NOTES:

1. Prior to construction, the Contractor shall obtain from the Engineer or Owner a copy of all permit permits related to this project. It is the Contractor's responsibility to ensure that all construction activities are in compliance with the conditions of all permits and approvals.
2. The Contractor shall be responsible for obtaining all necessary permits from the City of Venice (SCOP) at 811 Forty-Ninth (49) hours in advance of any excavation.
3. The Contractor shall be responsible for obtaining all necessary permits from the City of Venice Standard Details and Sarasota County. General notes and testing requirements are located in the Standard Details.
4. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
5. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
6. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
7. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
8. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
9. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
10. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
11. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
12. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
13. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
14. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
15. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
16. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
17. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
18. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
19. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
20. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
21. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
22. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
23. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
24. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
25. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
26. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
27. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
28. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
29. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.
30. The Contractor shall be responsible for obtaining any and all areas in existing rights-of-way disturbed by this project.

TRENCH NOTES:

1. Where water, reuse and/or sewer mains cross with less than eighteen (18) vertical clearance, one of the following methods of protection shall be utilized:
2. A. Should a conflict arise with an existing sewer or reuse main the proposed water main shall be minimum of twenty feet (20') of AWWA C-900 DR-14 PVC or CL-51 D.I.P. centered on the point of crossing.
3. B. Where a conflict arises with an existing sewer or reuse main, the proposed sewer main shall be a minimum of twenty feet (20') of AWWA C-900 DR-14 PVC centered on the point of crossing.
4. C. Where a conflict arises with proposed water, reuse and/or sewer mains, the water and reuse main shall be a minimum of twenty feet (20') of AWWA C-900 DR-14 PVC or CL-51 D.I.P., while the sewer main shall be a minimum of twenty feet (20') of AWWA C-900 DR-14 PVC or CL-51 D.I.P. centered on the point of crossing.
5. D. When a water main parallels a wastewater line, a horizontal separation of at least ten feet (10') from outside edge to outside edge shall be maintained. When separated by less than ten feet (10') horizontally the water main shall be AWWA C-900 DR-14 PVC or CL-51 D.I.P. and sewer lines shall be AWWA C-900 DR-14 PVC. Joints shall be staggered to maximize joint separation.
6. E. When a water main or wastewater line parallels a reuse main, a horizontal separation of at least five feet (5') center to center of pipe, shall be maintained. In no case shall the horizontal separation be less than three feet (3') from outside edge of pipe to outside edge of pipe.
7. F. Trench shall be braced or shored in accordance with the "Florida Trenching and Shoring Manual".
8. G. Width of trench bottom shall be outside diameter of pipe plus twelve (12) inches (12") Each side, maximum.
9. H. Contractor shall place metallic burial identification tape directly above water main in conformance with County Code.
10. I. All well point holes shall be filled with coarse sand or other satisfactory granular material of low swell potential and are sealed.
11. J. Discharge from de-watering operation shall be disposed of in such a manner that it shall not interfere with the normal drainage of the area in which the work is being performed, create a public nuisance or form ponding. The operation shall not be carried out in any portion of the work completed, or in progress, or to the surface of streets, or to private property.
12. K. The proposed de-watering methods and schedule shall be coordinated with the site owner and the Engineer of Record and other necessary regulatory agencies prior to construction. Additionally, where private property shall be involved, advance permission shall be obtained by the contractor and/or developer.
13. L. The contractor shall provide soil compaction testing in accordance with the project specification. If the specification does not address compaction tests, they shall be done in accordance with the City of Venice uniform water and wastewater system and the reuse code, latest edition. All soil compaction test results shall be submitted to the Engineer or Record.
14. M. All subsurface construction shall comply with the "Trench Safety Act". The Contractor shall ensure that the method of trench protection and construction is in compliance with the Occupational Safety and Health Administration (OSHA) regulations.

RECORD DRAWINGS

March 3, 2022

APPROVED

RECORD WATER & SEWER PLAN

FIORÉ
(F.K.A. CIELO PH. 2)

NEAL COMMUNITIES

SHEET 17 OF 39 SHEETS

WILLOW CHASE COMMUNITY

LAUREL ROAD EAST

20

19

18

20A

RECORD DRAWINGS
March 3, 2022
APPROVED

CIELO PHASE 1

SCALE: 1" = 100'

WILLOW CHASE COMMUNITY

LAUREL ROAD EAST

20

19

18

20A

RECORD DRAWINGS
March 3, 2022
APPROVED

CIELO PHASE 1

SCALE: 1" = 100'

WILLOW CHASE COMMUNITY

LAUREL ROAD EAST

20

19

18

20A

RECORD DRAWINGS
March 3, 2022
APPROVED

CIELO PHASE 1

SCALE: 1" = 100'

WILLOW CHASE COMMUNITY

LAUREL ROAD EAST

20

19

18

20A

RECORD DRAWINGS
March 3, 2022
APPROVED

CIELO PHASE 1

SCALE: 1" = 100'

WILLOW CHASE COMMUNITY

LAUREL ROAD EAST

20

19

18

20A

RECORD DRAWINGS
March 3, 2022
APPROVED

CIELO PHASE 1

SCALE: 1" = 100'

WILLOW CHASE COMMUNITY

LAUREL ROAD EAST

20

19

18

20A

RECORD DRAWINGS
March 3, 2022
APPROVED

CIELO PHASE 1

SCALE: 1" = 100'

WILLOW CHASE COMMUNITY

LAUREL ROAD EAST

20

19

18

20A

RECORD DRAWINGS
March 3, 2022
APPROVED

CIELO PHASE 1

SCALE: 1" = 100'



RECORD DRAWINGS

March 3, 2022

APPROVED





RECORD DRAWINGS

March 3, 2022

APPROVED



RECORD DRAWINGS

March 3, 2022

APPROVED





RECORD DRAWINGS

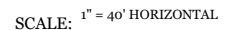
March 3, 2022

APPROVED

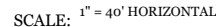
RECORD DRAWINGS CLEARVIEW LAND DESIGN, P.L. Engineering Business C.A. No. 14889 3000 W. Alameda St., Suite 400, Tampa, Florida 33609 Office: 813-242-2019 Fax: 813-242-2075 Clearview LAND DESIGN, P.L. Engineering Business C.A. No. 14889 3000 W. Alameda St., Suite 400, Tampa, Florida 33609 Office: 813-242-2019 Fax: 813-242-2075 This plan has been digitally signed and sealed by CHRISTOPHER M. FISHER, P.E., on the date adjacent to his seal. Printed copies of the document are not considered signed and sealed and the signature must be verified on any electronic copy. DATE: 06/29/2022 CHRISTOPHER FISHER NO. 85555 FLORIDA PROFESSIONAL ENGINEER																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="background-color: #f2f2f2;">PERMIT PLANS</th> <th colspan="3" style="background-color: #f2f2f2;">INT</th> </tr> <tr> <th style="width: 20%;">DATE</th> <th style="width: 40%;">DESCRIPTION</th> <th style="width: 20%;">BY</th> <th style="width: 20%;">CHECKED</th> <th style="width: 20%;">DATE</th> <th style="width: 20%;">BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td>REVISIONS</td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>						PERMIT PLANS			INT			DATE	DESCRIPTION	BY	CHECKED	DATE	BY		REVISIONS						
PERMIT PLANS			INT																						
DATE	DESCRIPTION	BY	CHECKED	DATE	BY																				
	REVISIONS																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="background-color: #f2f2f2;">RECORD WATER SEWER KEY MAP</th> </tr> </thead> <tbody> <tr> <td style="width: 20%;">JOB NO. NCI-CO-003</td> <td style="width: 20%;">PROJECT CMF</td> <td style="width: 40%;">CLIENT FIORE (F.K.A. CIELO PH. 2)</td> <td style="width: 20%;">DRAWN DMS</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">NEAL COMMUNITIES</td> </tr> <tr> <td colspan="2">DATE 02-24-2022</td> <td colspan="2">Elevations based on National Geodetic Vertical Datum (NGVD 29) Conversion from NGVD 29 to NAVD 88 = -4.11 Feet</td> </tr> <tr> <td colspan="2">FILE # B/S KEY</td> <td colspan="2">SHEET 17A OF 39 SHEETS</td> </tr> </tbody> </table>						RECORD WATER SEWER KEY MAP				JOB NO. NCI-CO-003	PROJECT CMF	CLIENT FIORE (F.K.A. CIELO PH. 2)	DRAWN DMS			NEAL COMMUNITIES		DATE 02-24-2022		Elevations based on National Geodetic Vertical Datum (NGVD 29) Conversion from NGVD 29 to NAVD 88 = -4.11 Feet		FILE # B/S KEY		SHEET 17A OF 39 SHEETS	
RECORD WATER SEWER KEY MAP																									
JOB NO. NCI-CO-003	PROJECT CMF	CLIENT FIORE (F.K.A. CIELO PH. 2)	DRAWN DMS																						
		NEAL COMMUNITIES																							
DATE 02-24-2022		Elevations based on National Geodetic Vertical Datum (NGVD 29) Conversion from NGVD 29 to NAVD 88 = -4.11 Feet																							
FILE # B/S KEY		SHEET 17A OF 39 SHEETS																							

				Clearview LAND DESIGN P.L. Engineering Business C.A. No. 25876 3000 W. Aland St., Suite 101, Tampa, Florida 33609 Office: 813-243-2919 Fax: 813-243-2975						RECORD WATER SEWER KEY MAP					
				JOB NO.: NC1-CO-0013 DESIGN: DEDICATION: FIORE (F.K.A. CIELO PH. 2)											
				DRAWN: CMF DATE: DNS PREPARED BY: NEAL COMMUNITIES											
				Elevation based on National Geodetic Vertical Datum (NGVD) of 1929 Conversion from NGVD 29 to NAVD 83 = -1.12 Feet											
12-20-2019 PERMIT PLANS		INI		FILE # 02-KY-22 SHEET 17A OF 39 SHEETS											
DATE:		SUBSCRIPTION:													
REVISED:		BY:													

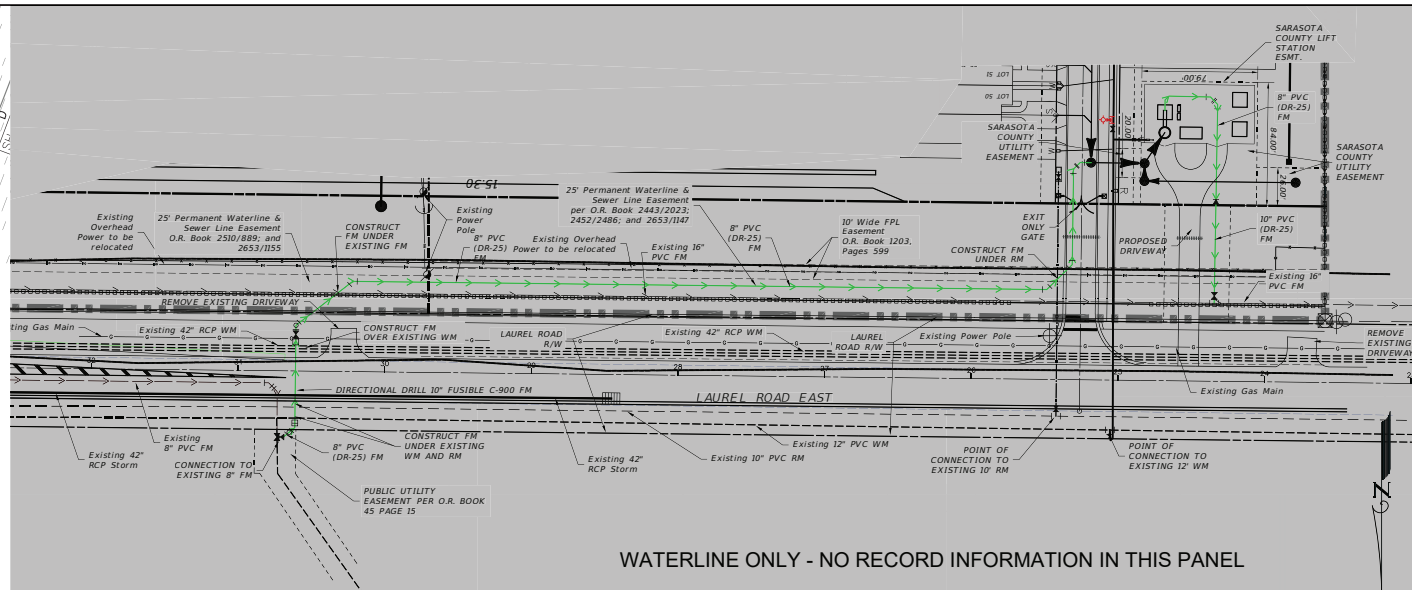
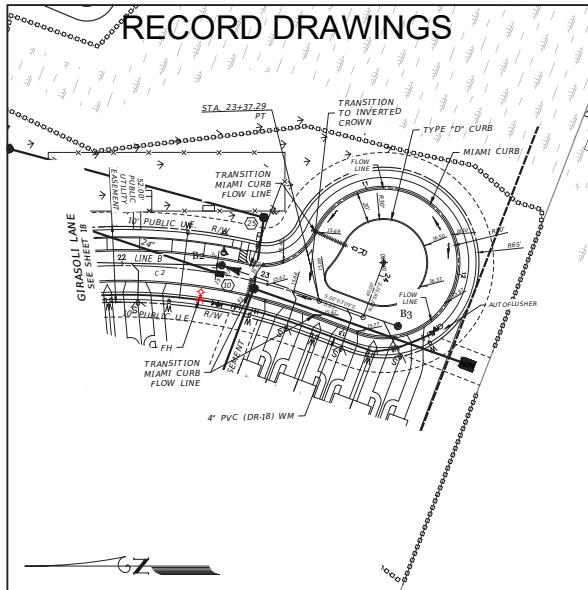
APPROVED



POIW | SHEET 18R OF 39 SHEET



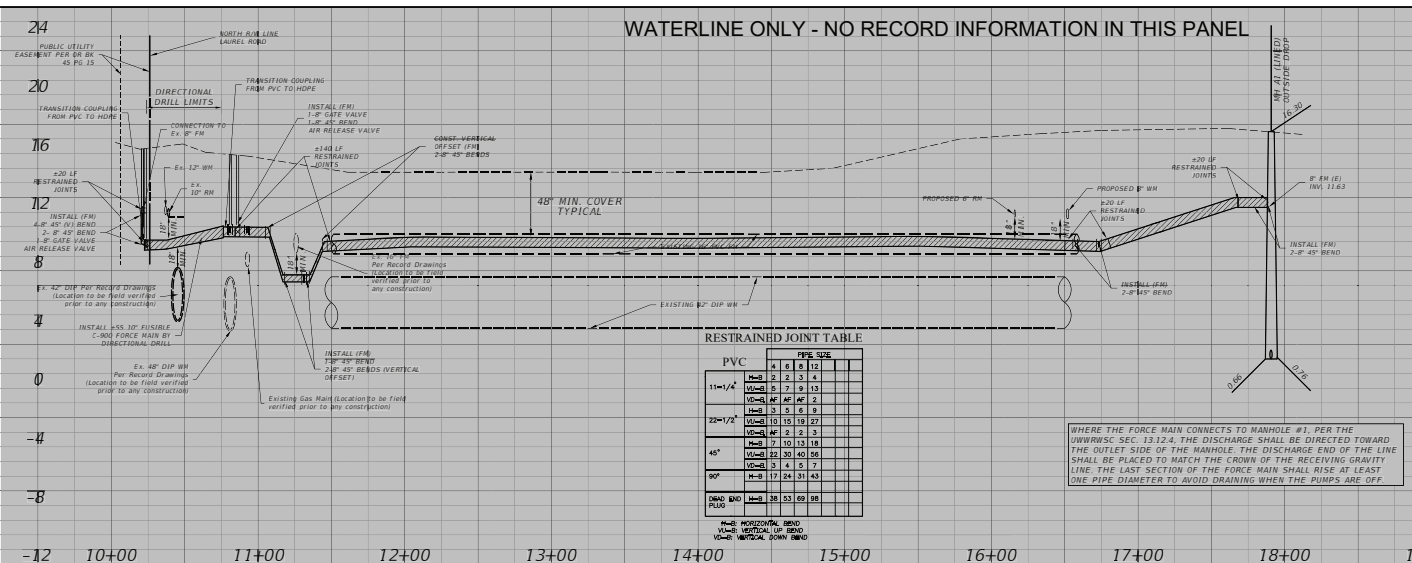
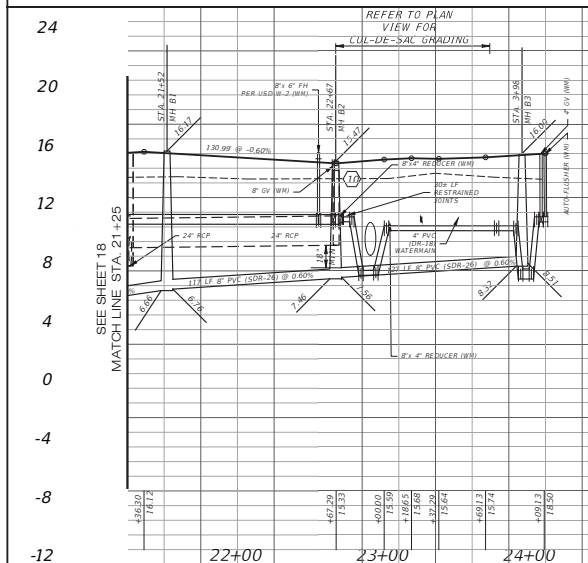
POINT BREAK SURVEYING, LLC CERTIFICATE OF AUTHORIZATION LB 0007384 8111 Blake Court, Suite E Sarasota, FL 34230 Phone: (941) 378-4797 Fax: (941) 378-0058	RECORD DRAWINGS March 3, 2022 APPROVED
---	--



FORFANO BOULEVARD SCALE: 1" = 40' HORIZONTAL
1" = 4' VERTICAL

WATERLINE ONLY - NO RECORD INFORMATION IN THIS PANEL

OFFSITE FORCEMAIN SCALE: 1" = 40' HORIZONTAL
1" = 4' VERTICAL



POINT BREAK SURVEYING, LLC

CERTIFICATION
I HEREBY CERTIFY THAT THE AS-BUILT MEASUREMENTS SHOWN HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED IN THE FIELD UNDER MY SUPERVISION AND CONTROL. I HAVE BEEN AIDED BY FIELD PERSONNEL WHOSE NAMES AND POSITIONS ARE SHOWN ON THESE RECORD DRAWINGS. I HAVE BEEN AIDED BY FIELD PERSONNEL WHOSE NAMES AND POSITIONS ARE SHOWN ON THESE RECORD DRAWINGS. I HAVE BEEN AIDED BY FIELD PERSONNEL WHOSE NAMES AND POSITIONS ARE SHOWN ON THESE RECORD DRAWINGS.

CERTIFICATE OF AUTHORIZATION LB 0007384

8111 Bialle Court, Suite E
Sarasota, FL 34236
Phone: (941) 378-4797
Fax: (941) 378-0068

JEFFERY B. MORROW P.S.M.
FL CERT. NO. 6296

RECORD DRAWINGS

March 3, 2022

APPROVED

DATE	DESCRIPTION	BY
02-24-2022	REVISE RECORD DRAWINGS	JRC
02-24-2022	REVISE RECORD DRAWINGS	JRC
02-24-2022	REVISE RECORD DRAWINGS	JRC
02-24-2022	REVISE RECORD DRAWINGS	JRC
02-24-2022	REVISE RECORD DRAWINGS	JRC
02-24-2022	REVISE RECORD DRAWINGS	JRC
02-24-2022	REVISE RECORD DRAWINGS	JRC
02-24-2022	REVISE RECORD DRAWINGS	JRC
02-24-2022	REVISE RECORD DRAWINGS	JRC
02-24-2022	REVISE RECORD DRAWINGS	JRC

CHRISTOPHER M. FISHER
LICENSE
No. 85555
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Clearview
LAND DESIGN, P.L.
Engineering Business C.A. No. 28858
3000 W. Alafia Rd., Suite 100, Tampa, Florida 33609
Office: 813-442-9999 Fax: 813-442-9975

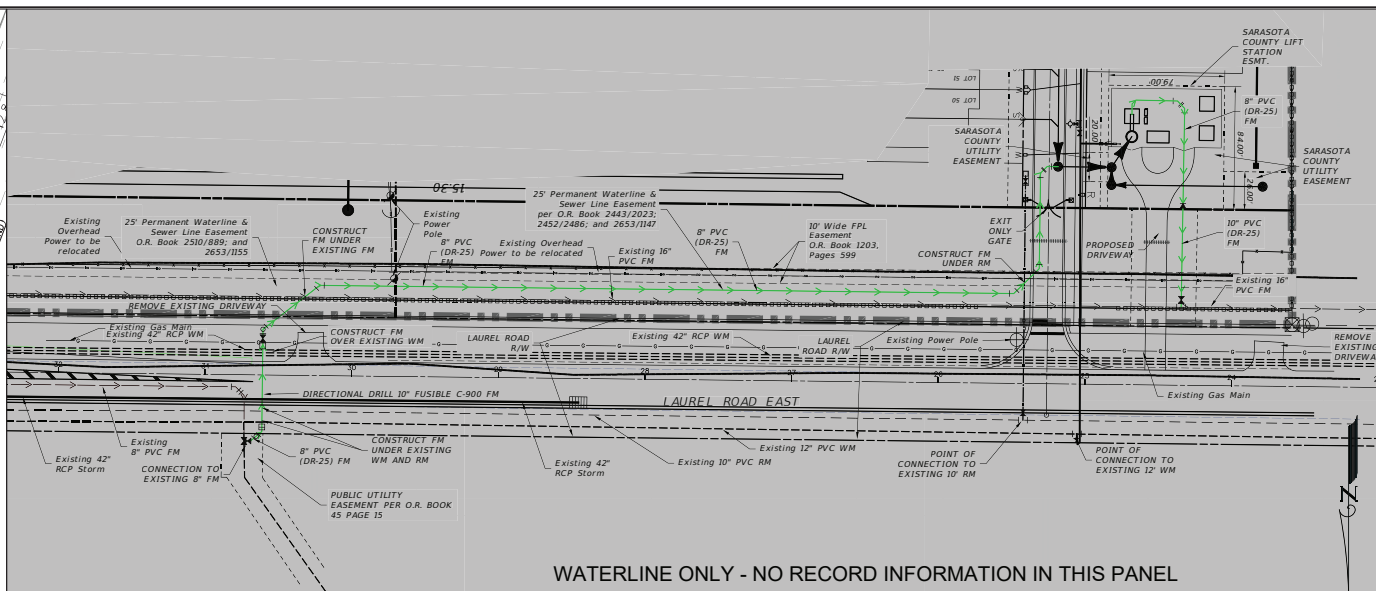
UTILITIES RECORD DRAWINGS

JOB NO. NCI-CO-003
DESIGN CMF
DRAWN DWS
DATE 02-24-2022
FILE RP-2

FIORÉ
(F.K.A. CIELO PH. 2)
NEAL COMMUNITIES

Elevations based on National Geodetic Vertical Datum (NGVD 29)
Conversion from NGVD 29 to NAVD 83 = -4.8 Feet

SHEET 20 OF 39 SHEETS



FORSANO BOULEVARD SCALE: 1" = 40' HORIZONTAL

OFFSITE FORCEMAIN SCAFF. 1" = 40' HORIZONTAL

SWING TIE INFORMATION - WATER SERVICES

LOT #	SWING TIE # & DESCRIPTION	DISTANCE	SWING TIE # & DESCRIPTION	DISTANCE
40	SWING TIE #18 - SANITARY MANHOLE B-1	46.5	SWING TIE #19 - SANITARY MANHOLE B-2	83.7
41	SWING TIE #18 - SANITARY MANHOLE B-1	48.3	SWING TIE #19 - SANITARY MANHOLE B-2	81.5
42	SWING TIE #18 - SANITARY MANHOLE B-1	48.3	SWING TIE #19 - SANITARY MANHOLE B-2	81.5
43	SWING TIE #18 - SANITARY MANHOLE B-2	40.0	SWING TIE #20 - SANITARY MANHOLE B-3	101.3
44	SWING TIE #18 - SANITARY MANHOLE B-2	76.9	SWING TIE #20 - SANITARY MANHOLE B-3	60.1
45	SWING TIE #18 - SANITARY MANHOLE B-2	76.9	SWING TIE #20 - SANITARY MANHOLE B-3	60.1
46	SWING TIE #18 - SANITARY MANHOLE B-2	115.2	SWING TIE #20 - SANITARY MANHOLE B-3	101.3
47	SWING TIE #18 - SANITARY MANHOLE B-2	117.1	SWING TIE #20 - SANITARY MANHOLE B-3	28.6
48	SWING TIE #19 - SANITARY MANHOLE B-2	152.1	SWING TIE #20 - SANITARY MANHOLE B-3	60.1
49	SWING TIE #19 - SANITARY MANHOLE B-2	152.1	SWING TIE #20 - SANITARY MANHOLE B-3	60.1
DOG BARK				

SWING TIE INFORMATION - WATER MAIN

POINT #	DESCRIPTION	SWING TIE # & DESCRIPTION	DISTANCE	SWING TIE # & DESCRIPTION	DISTANCE	ELEVATION
52568	WM #7 TOP-12.6	SWING TIE #18 - SANTARY MANHOLE B-1	93.6	SWING TIE #19 - SANTARY MANHOLE B-2	35.3	12.6
52569	WM #8 "6" TEE	SWING TIE #18 - SANTARY MANHOLE B-1	104.6	SWING TIE #19 - SANTARY MANHOLE B-2	29.2	12.3
52570	WM #6 G.V. NUT	SWING TIE #18 - SANTARY MANHOLE B-1	104.5	SWING TIE #19 - SANTARY MANHOLE B-2	28.3	13.3
52571	FIRE HYDRANT	SWING TIE #18 - SANTARY MANHOLE B-1	105.0	SWING TIE #19 - SANTARY MANHOLE B-2	23.3	13.0
52573	WM #8 "4" REDUCER	SWING TIE #19 - SANTARY MANHOLE B-2	27.0	SWING TIE #20 - SANTARY MANHOLE B-3	123.2	11.5
52574	WM #7 "45" BEND	SWING TIE #19 - SANTARY MANHOLE B-2	31.1	SWING TIE #20 - SANTARY MANHOLE B-3	113.7	10.6
52575	WM #8 "45" BEND	SWING TIE #19 - SANTARY MANHOLE B-2	39.1	SWING TIE #20 - SANTARY MANHOLE B-3	98.0	10.9
52576	WM #7 "45" BEND	SWING TIE #19 - SANTARY MANHOLE B-2	37.2	SWING TIE #20 - SANTARY MANHOLE B-3	100.1	8.3
52577	WM #8 "4" BEND	SWING TIE #19 - SANTARY MANHOLE B-2	30.6	SWING TIE #20 - SANTARY MANHOLE B-3	108.7	8.0
52578	WM #4 "45" BEND	SWING TIE #19 - SANTARY MANHOLE B-2	117.3	SWING TIE #20 - SANTARY MANHOLE B-3	25.2	11.1
52579	WM #4 "45" BEND	SWING TIE #19 - SANTARY MANHOLE B-2	136.7	SWING TIE #20 - SANTARY MANHOLE B-3	17.2	13.0
52580	WM #4 "45" BEND	SWING TIE #19 - SANTARY MANHOLE B-2	130.0	SWING TIE #20 - SANTARY MANHOLE B-3	15.2	8.1
72005	WM #8 G.V. NUT	SWING TIE #19 - SANTARY MANHOLE B-2	165.4	SWING TIE #20 - SANTARY MANHOLE B-3	126.7	13.3
72006	WM #6 G.V. NUT	SWING TIE #19 - SANTARY MANHOLE B-2	149.5	SWING TIE #20 - SANTARY MANHOLE B-3	23.6	12.7
72007	WM #8 "45" BEND	SWING TIE #19 - SANTARY MANHOLE B-2	147.7	SWING TIE #20 - SANTARY MANHOLE B-3	21.5	11.5
72008	AUTO-FLUSHER	SWING TIE #19 - SANTARY MANHOLE B-2	155.7	SWING TIE #20 - SANTARY MANHOLE B-3	26.3	15.9
72009	CURB STOP BOX	SWING TIE #19 - SANTARY MANHOLE B-2	99.9	SWING TIE #20 - SANTARY MANHOLE B-3	27.3	12.3
72009	WM #5 "45" BEND	SWING TIE #19 - SANTARY MANHOLE B-2	164.4	SWING TIE #20 - SANTARY MANHOLE B-3	18.3	8.2

WHERE THE FORCE MAIN CONNECTS TO MANHOLE #1, PER THE UWWRWSC SEC. 13.12.4, THE DISCHARGE SHALL BE DIRECTED TOWARD THE OUTLET SIDE OF THE MANHOLE. THE DISCHARGE END OF THE LINE SHALL BE PLACED TO MATCH THE CROWN OF THE RECEIVING GRAVITY LINE. THE LAST SECTION OF THE FORCE MAIN SHALL RISE AT LEAST ONE PIPE DIAMETER TO AVOID DRAINING WHEN THE PUMPS ARE OFF.

P⊕INT BREAK SURVEYING, LLC

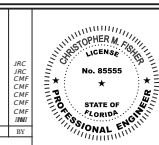
DECLARATION: I HEREBY CERTIFY THAT THE AS-BUILT MEASUREMENTS SHOWN HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED IN THE FIELD UNDER MY DIRECTION, TOGETHER WITH ALL MEASUREMENTS FROM MARKERS POSITIONED AND INFORMATION PROVIDED BY CONTRACTOR. DATE OF LAST FIELD MEASUREMENTS: 01-14-22

PRINTED COPIES OF THIS DOCUMENT ARE NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. ADDITIONAL COPIES OF THIS DOCUMENT ARE ONLY VALID IF THE DIGITAL CERTIFICATION, AND DATED, BY VERIFIED.

CERTIFICATE OF AUTHORIZATION LB 0007384
8111 Blaikie Court, Suite E
Sarasota, FL 34240
Phone: (941) 378-4797
Fax: (941) 378-0058

JEFFERY B. MORROW P.S.M
FL CERT. NO. 6296

02-24-2022	REVISE RECORD DRAWINGS
01-26-2022	RECORD DRAWINGS
08-16-2021	REVISE FM SIZE FROM PS
04-06-2021	REVISE CUL-DE-SAC GRADING
03-02-2021	REVISE PS/FM SIZE
12-05-2020	REVISE LABELING/ADD EASEMENT
04-20-2020	REVISE FM
12-20-2009	PERMIT PLANS
DATE	DESCRIPTION
	REVISIONS



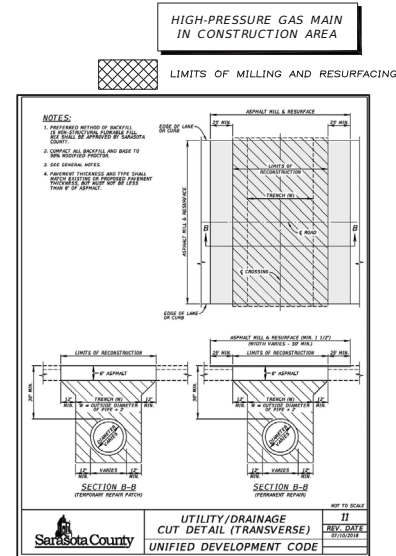
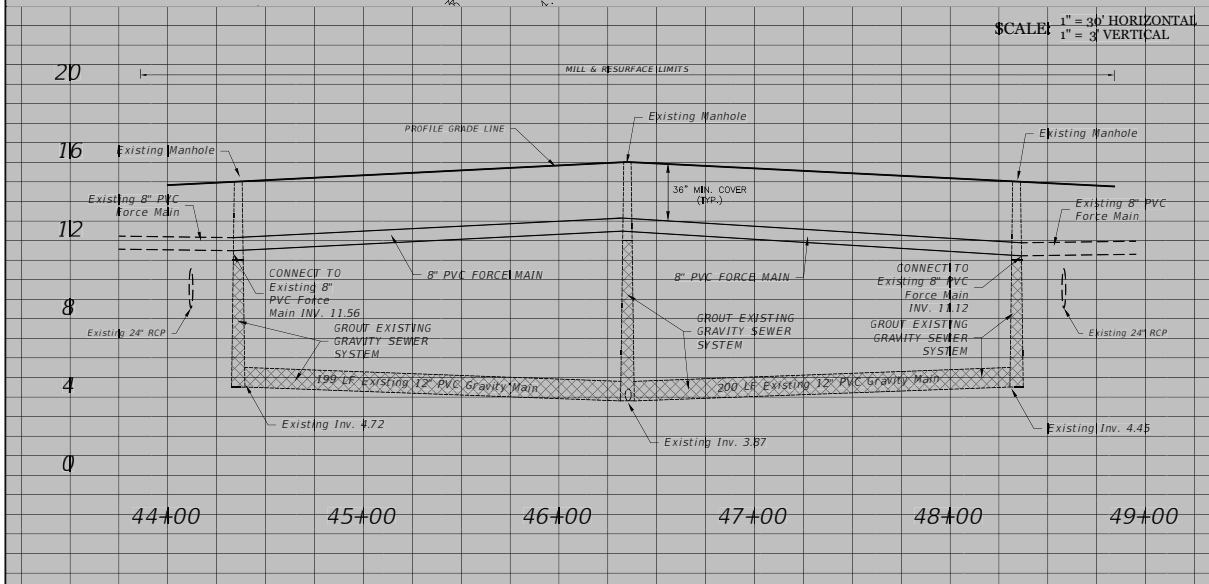
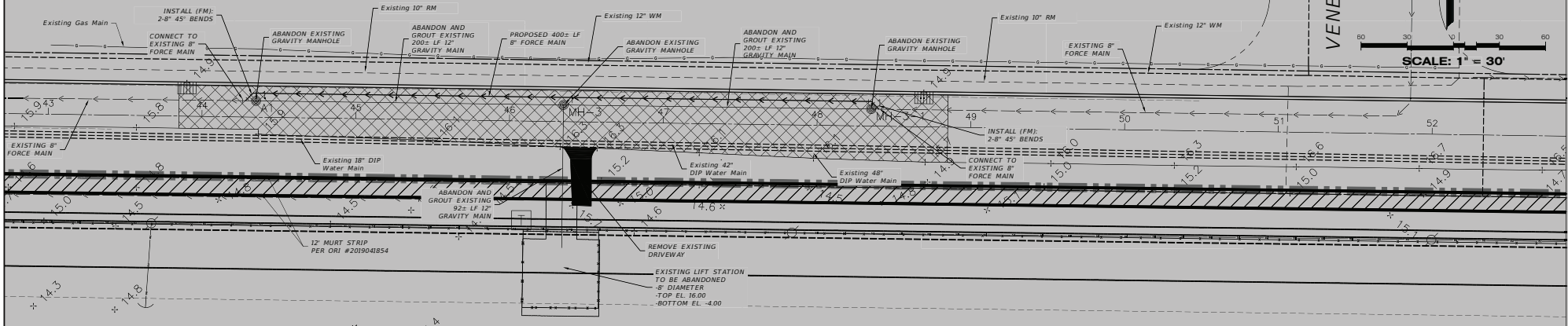
UTILITIES RECORD DRAWINGS	
JOB NO. NC1-CO-003	FIORE (F.K.A. CIELO PH. 2)
DESIGN CMF	
DRAWN DWS	PREPARED FOR NEAL COMMUNITIES
DATE 08-16-2022	Elevations based on National Geodetic Vertical Datum (NGVD 29) Conversion from NGVD 29 to NAVD 88 = -4.11 Feet
FILE REC-ORD 20A	SHEET 20R OF 39D SHEETS

RECORD DRAWINGS

WATERLINE ONLY - NO RECORD INFORMATION ON THIS PAGE

LAUREL ROAD EAST

- CONSTRUCTION SEQUENCE**
- DO NOT BEGIN SEWER IMPROVEMENTS IN THIS AREA UNTIL THE LIFT STATION FOR FIORE HAS BEEN PLACED INTO OPERATION.
 - BEFORE THE CONNECTION IS MADE, THE NEW FORCEMAIN SHALL BE PRESSURE TESTED.
 - ON THE DAY THE NEW FORCEMAIN IS TO BE CONNECTED, COUNTY STAFF MUST BE PRESENT AND TWO (2) VAC TRUCKS WILL NEED TO BE STATIONED IN THE VENETIAN GOLF & RIVER CLUB ONCE THE CONNECTION IS MADE AND THE SYSTEM IS RUNNING THE FACILITIES CAN THEN BE ABANDONED.



- SPECIFICATIONS FOR DESIGN AND INSTALLATION OF TRAFFIC CONTROL DEVICES ON COUNTY ROADS**
- 1) Purpose
- These specifications have been developed to provide developers with a uniform system for installation of traffic control devices on the County road system. A uniform system provides for uniform maintenance costs and a high standard of visibility for drivers. All required traffic control devices shall be installed by the developer of the project.
- 2) Florida State Statute 316.0740:
- 2.1) Any and all traffic control devices installed on the County road system shall conform to Florida State Statute 316.0740, Uniform Signs and Devices.
- 2.2) This statute requires that all devices conform to Florida Department of Transportation (FDOT) specifications. The FDOT has adopted the Federal Manual on Uniform Traffic Control Devices on the standards to be used in the State of Florida.
- 3) Pavement Markings
- 3.1) All pavement markings shall be thermoplastic or preformed tapes; raised pavement markers shall be class "B".
- 3.2) Pavement markings and raised pavement markers shall be installed on all roads classified other than residential with an AOT greater than 500 vehicles, or if other conditions exist that require pavement markings. (See M.U.T.C.D. Section 3B-1.)
- 4) Traffic Control Signs
- 4.1) All sign blanks shall be of a type currently certified by the FDOT for use in the State of Florida.
- 4.2) All sign faces shall be High Intensity grade and of a type currently certified by the FDOT for use in the State of Florida.
- 4.3) All signs shall be no less than the standard size as specified in the Federal Manual on Uniform Traffic Control Devices. No minimum size signing shall be accepted. Larger signs shall be used when required by design speeds, etc.
- 4.4) Street name signs shall be 6" on local roads, and 9" on collector and arterial roads. The last sign shall have 4" series B letters and 9" signs shall have 6" series B letters. All street name signs on private roads shall be standard 53 street name signs with the colors reversed. White background with green letters and border. At intersections with county maintained roads, the county maintained road shall be green background with white letters and border. Street name sign brackets for 6" signs 30" long or less, or 9" signs 24" long or less, shall have a 2 inch blade or cross. All other street name signs shall be mounted with brackets with 12 inch blade or 6 inch cross. All street name signs shall be supplied with reflective sheeting and shall not be accepted.
- 4.5) On roads to be maintained by Pasco County, all signs other than street names shall be date coded with a yellow reflective label affixed to the back of the sign. It will be renewed in nine months, day and year of installation (See Sample Label). Alternate label designs providing the date code information may be used if a sample is examined and approved by Pasco County prior to installation.
- Sample Label: size 2' x 4'
- WARNING**
- REMOVAL, OR, DEFACING ANY TRAFFIC CONTROL DEVICE IS PUNISHABLE BY FINE AND/OR IMPRISONMENT REPORT DAMAGE BY CALLING (727) 847-2411
- INSTALLED**
- J F W M A M J J A S O N D
10% 30% 30% - 1 2 3 4 5 6 7 8 9
01 02 03 04 05 06 07 08 09

RECORD DRAWINGS

March 3, 2022

APPROVED

VENETO, FLORIDA
City of Venice

CALL 48 HOURS BEFORE YOU DIG

IT'S THE LAW! DIAL 811

Know what's below. Call before you dig.

RUNNING STATE ONE CALL OF FLORIDA, INC.

03-02-2021	REVISE FM ALIGNMENT/ADD NOTE	CMF	FIN
12-20-2019	PERMIT PLANS	BY	
DATE	DESCRIPTION	BY	
	REVISIONS		

CHRISTOPHER M. FISHER

LAND DESIGN, P.C.

LICENSE No. 85555

STATE OF FLORIDA

PROFESSIONAL ENGINEER

Clearview RECORD OFFSITE FORCE MAIN IMPROVEMENTS

Engineering Business C.A. No. 28858
3000 W. Alafia Rd., Suite 100, Tampa, Florida 33609
Office: 813-242-9999 Fax: 813-242-9975

This item has been digitally signed and sealed by CHRISTOPHER M. FISHER, P.E., on the date indicated on the seal. Printed copies of this document are not considered valid and the signature must be verified on any electronic copies.

DATE: 04/07/2022
CHRISTOPHER FISHER, No. 85555
FLORIDA PROFESSIONAL ENGINEER

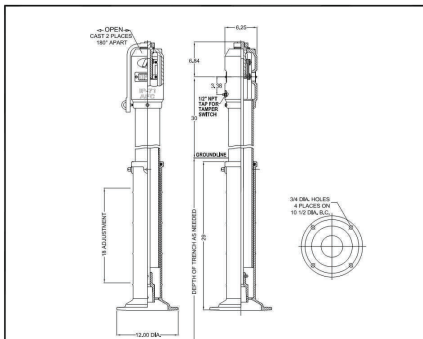
NCI-CO-003
DESIGN CMF
SUB: DWS
DATE: 02-24-2022
RECORD 20FM

FIORE
(F.K.A. CIELO PH. 2)

NEAL COMMUNITIES

Elevations based on National Geodetic Vertical Datum (NGVD 29)
Conversion from NGVD 29 to NAVD 83 = -1.1 Feet

SHEET 20A OF 39 SHEETS



- 1.) INDICATOR POST REQUIRED WHEN FIRE SERVICE POINT OF CONNECTION IS ON A POTABLE WATER SERVICE.
- 2.) INSTALL INDICATOR POST AND VALVE BETWEEN THE FOR POTABLE SERVICE AND FIRE SERVICE BACKFLOW ASSEMBLY.
- 3.) AMERICAN FLOW CONTROL (P-7) INDICATOR POST OR EQUIVALENT SHALL BE INSTALLED.
- 4.) UNDERWRITERS LABORATORIES LISTED AND FACTORY MUTUAL RESEARCH APPROVED.
- 5.) FOR USE WITH VALVES WITH CHARGING STEM SEALS.
- 6.) ALL EXPOSED EXTERIOR SURFACES COATED WITH THIMEC 140 EPOXY AND TOP COATED WITH 'RED' ENAMEL PER MANUFACTURER'S STANDARD PAINT.

FIRE SERVICE VALVE INDICATOR POST

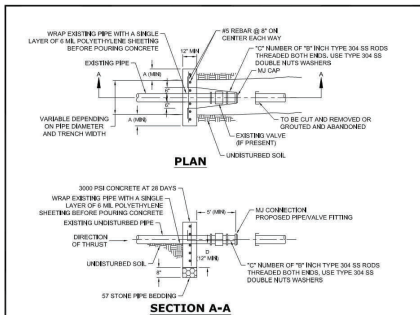
N.T.S.



CITY OF VENICE
ENGINEERING DEPARTMENT
401 WEST VENICE AVE.
VENICE, FL 33596
(941) 486-2626
FAX (941) 486-3021

UTILITIES - WATER
FIRE SERVICE
INDICATOR POST

DATE
JAN 2021
SHEET NO.
W-10



1. ADDITIONAL REINFORCEMENT SHALL BE AS SPECIFIED BY THE UNDERWRITERS LABORATORIES.
2. MINIMUM CONCRETE STRENGTH OF CONCRETE SHALL BE 3000 PSI.
3. PIPE TRENCH SHALL BE PER I.A.I.
4. ALL FORMWORKS SHALL BE REMOVED PRIOR TO BACKFILL.
5. NO ALLOWANCE SHALL BE MADE FOR FRICTION BETWEEN THE PIPE WALL AND THE THRUST COLLAR.
6. CHARGE REBAR CALCULATED FOR THE 1000 PSI SOIL BEARING.
7. RESTRAIN VALVE TO CONCRETE COLLAR BEFORE CUTTING PIPE TO BE REMOVED OR ABANDONED.
8. USE COLLAR/CLAMP AS NECESSARY TO CONNECT RODS FROM VALVE TO CAP.
9. FILL OUTSIDE AREA UNDER PIPE TO REMAIN IN SERVICE WITH DISCHARGEABLE FILLABLE FILL.

PIPE SIZE D (INCHES)	DIMENSIONS (INCHES)			TE RODS REQ'D
	A	B	C	
4	15	1.0	2	
6	22	1.0	2	
8	30	5/8	2	
10	38	5/8	3	
12	46	5/8	5	
16	70	3/4	5	

WATER MAIN ABANDONMENT END RESTRAINT

N.T.S.



CITY OF VENICE
ENGINEERING DEPARTMENT
401 WEST VENICE AVE.
VENICE, FL 33596
(941) 486-2626
FAX (941) 486-3021

UTILITIES - GENERAL
WATER MAIN
ABANDONMENT END
RESTRAINT

DATE
JAN 2021
SHEET NO.
U-8



☐ DOMESTIC

☐ NON-DOMESTIC

SUBMITTAL:

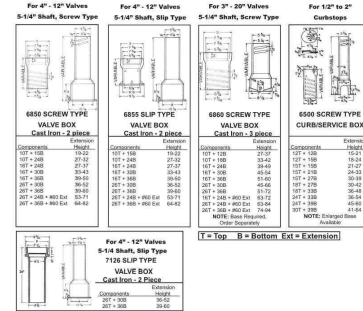
(Current revisions for this noted standard apply)

SIZES: Adjustable Slip and Screw type with standard assembly lengths ranging from 15" to 72" (Lengths noted do not include the addition of risers, extensions, and/or bases). See the catalog or List Price guide for accessories, lifts, bases, risers, meter covers, etc.

STANDARDS: Produced with Class 35 cast iron in accordance with and meeting all applicable terms and provisions of ASTM A88. All Tyler Union valve boxes when properly installed are suitable for use in conjunction with projects utilizing American Association of State Highway and Transportation Officials (AASHTO) standards and provisions.

INSTALLATION: Per AWWA M24, Manual of Water Supply Practices.

COATING: The asphaltic bituminous coating is applied to a minimum thickness of 1.5 mil and the coating once dry is neither brittle when cold or sticky when exposed to the sun.



Approved: 1001 W 17th St • Anniston, AL 36201 • (205) 233-7801
 3000 W 17th St • Columbus, GA 31906 • (706) 527-8875
 11115 E 1st St • Fort Worth, Texas 76126 • (817) 421-8875
 Dallas: 1701 Ave. S. Suite 100 • Grand Prairie, TX 75050

Elmer: 703 Karpis Ave. (Hwy. 90) • New Smyrna Beach, FL 32918
 New Smyrna: 1000 West Duval Hwy. Suite 1, 32918
 Orlando: 1410 N. Lakeside Dr. • Port St. John, FL 32958
 Dallas: 1800 Greenbrier Church Road • Addison, TX 75007



RECORD DRAWINGS

04-06-2021 12-05-2020 12-20-2019	UPDATE DETAILS TO 2021 UPDATE DETAILS TO 2020 PERMIT PLANS	DATE DESCRIPTION BY	REVISIONS
Engineering Business C.A. No. 28898 3000 W. Avenue 10, Suite 100, Tampa, Florida 33609 Office: 813-242-9999 Fax: 813-242-9975 This firm has been digitally signed and sealed by CHRISTOPHER M. FISHER, P.E., on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies. DATE: 04/03/2022 CHRISTOPHER FISHER NO. 85555 FLORIDA PROFESSIONAL ENGINEER		RECORD POTABLE WATER SYSTEM DETAILS JOB NO.: NC1-CO-003 DESIGN: WAL DRAWN: WAL PREPARED: RUC DATE: 02-24-2022 FILE: WMD FIORÉ (F.K.A. CIELO PH. 2) NEAL COMMUNITIES Elevations based on National Geodetic Vertical Datum (NGVD 29) Conversion from NGVD 29 to NAVD 88 = -1.81 Feet SHEET 31 OF 39 SHEETS	