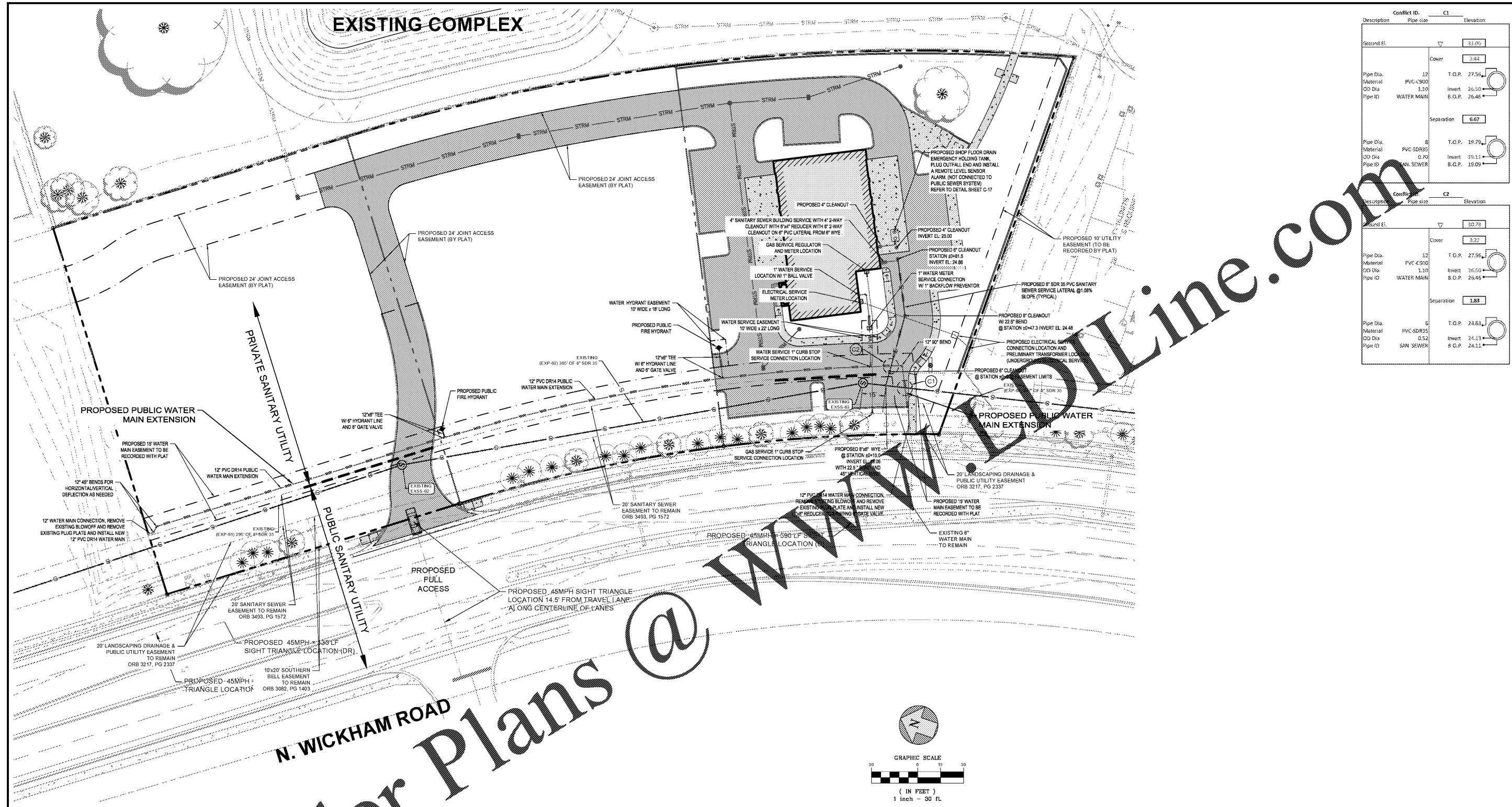


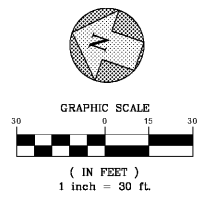
EXISTING COMPLEX



Conflict ID	Pipe size	Elevation
C1		
Ground El.		31.00
Cover		2.64
Pipe Dia.	12"	T.O.P. 27.56'
Material	PVC-LS900	
OD Dia.	1.10'	Invert 26.50'
Pipe ID	WATER MAIN	B.O.P. 26.46'
Separation		6.67'
Pipe Dia.	8"	T.O.P. 19.75'
Material	PVC-SDR35	
OD Dia.	0.70'	Invert 19.11'
Pipe ID	SAN. SEWER	B.O.P. 19.09'
C2		
Ground El.		30.78
Cover		3.27
Pipe Dia.	12"	T.O.P. 27.56'
Material	PVC-C900	
OD Dia.	1.10'	Invert 26.50'
Pipe ID	WATER MAIN	B.O.P. 26.46'
Separation		1.83'
Pipe Dia.	8"	T.O.P. 24.63'
Material	PVC-SDR35	
OD Dia.	0.52'	Invert 24.13'
Pipe ID	SAN. SEWER	B.O.P. 24.11'

Order Plans @

N. WICKHAM ROAD



- GENERAL NOTES:**
- 1) ALL SEWER CONSTRUCTION SHALL CONFORM TO THE CRITERIA FOR WATER AND SANITARY SEWERAGE SYSTEMS WITHIN BREVARD COUNTY, LATEST EDITION.
 - 2) PER CRITERIA 1.2.2, UNHINDERED, STABILIZED ACCESS TO ALL SEWER INFRASTRUCTURE IS REQUIRED.
 - 3) INSTALL ADA COMPLIANT COVERS FOR THE SANITARY SEWER CLEANOUTS WITHIN SIDEWALKS AND H2O RATED CLEANOUTS WITHIN THE ASPHALT.
 - 4) A SEPARATE PERMIT IS REQUIRED BY BREVARD COUNTY FIRE DEPARTMENT FOR WATER MAINS CONTAINING FIRE FIGHTING HYDRANTS OR SPRINKLER SYSTEMS. THE PROPOSED WATER MAIN EXTENSION IS UTILIZED FOR FIRE FIGHTING THUS A PERMIT IS REQUIRED.
 - 5) ALL WATER UTILITY WORK IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST CITY OF COCOA STANDARDS.
 - 6) ALL SANITARY SEWER CLEANOUTS THAT FALL WITHIN PAVEMENT OR CONCRETE AREAS TO BE TRAFFIC RATED AS PER BREVARD COUNTY DETAILS.

D.E.P. WATER AND SEWER SEPARATION NOTES

NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAINS IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER. NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAINS IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAINS ABOVE THE OTHER PIPELINE.

AT THE UTILITY CROSSINGS DESCRIBED ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART II OF CHAPTER 62-610 F.A.C.



DATE	5/7/2020
REVISIONS	
1	BAM
2	CHECKED
3	DATE
4	OCTOBER 2019
5	BID
6	BID
7	DESIGNED
8	19-1045

JOB NO. 19-1045

DESIGNED

DRAWN

DATE

CHECKED

DATE ISSUED

5/7/2020

MBV ENGINEERING, INC.
 CIVIL & STRUCTURAL SURVEYING & ENVIRONMENTAL
 1200 W. EAU GALLE BLVD., SUITE 110
 MELBOURNE, FLORIDA 32955
 P. 321-253-1510 F. 321-253-0811
 VERO 772-966-0005 FT. PIERCE 772-468-8095

UTILITY PLAN

CHRISTIAN BROTHERS
 AUTOMOTIVE REPAIRS

BREVARD COUNTY

FLORIDA

BRUCE A. MOIA
 FL. P.E. #47529

DATE: 5/7/2020

SHEET

C-12

19-1045
 PERMITTING SET