UTILITY PLAN

MARCH, 2020

LEGEND

EXISTING		PROPOSED
	PROPERTY LINE	
R/W	RIGHT-OF-WAY	R/W
	LOT LINE	
	EASEMENT	
AE	AERIAL ELECTRIC	
	UTILITY POLE / GUY WIRE	
UGE	UNDERGROUND ELECTRIC	UGE
UGT	UNDERGROUND TELEPHONE	UGT
FO	UNDERGROUND FIBER OPTIC	FO
SAN	SANITARY SEWER	SAN
	SANITARY MANHOLE	
FM	SANITARY FORCE MAIN	FM
SS	STORM SEWER	SS
	INLET	
	GRATED INLET	
	FLARED END SECTIONS	
G	GAS LINE	G
G	GAS VALVE	G
GM	GAS METER	GM
X"W	WATER LINE (SIZE)	X"W
	FIRE HYDRANTS	
	WATER VALVE	
WM	WATER METER	WM
	GUARDRAIL	
	TREE	
	FENCE	
	LIGHT	
DS	DOWNSPOUT	DS
	FRENCH DRAIN	FD
	CONCRETE PAVEMENT	
	ASPHALT PAVEMENT	
	RIP-RAP	

A 6"ø SANITARY SEWER LATERAL AT MINIMUM 1.0% SLOPE. COORDINATE WITH ARCHITECTURAL PLANS.

B 4"ø SANITARY SEWER LATERAL AT MINIMUM 1.00% SLOPE. COORDINATE WITH ARCHITECTURAL PLANS.

C NEW 8"x2½"ø BRASS SERVICE SADDLE WITH (1) 2"ø CORP STOP. (SEE DETAIL "D", SHEET D2)

D NEW 8"x8"x8" M.J. TEE WITH (1) 8"ø M.J. GATE VALVE. (SEE DETAIL "C", SHEET D2)

EAST CLARK LN. (VARIABLE WIDTH)

STORM WATER DETENTION #1

STORM WATER DETENTION #2

GROCERY STORE
47,650 S.F. ±
F.F.E. = 829.00
LOT #5
5.94 AC ±

SMALL SHOPS
7,800 S.F (130' x 60')
F.F.E = 829.00
LOT #4
3.09 AC. ±

RETAIL/ COMMERCIAL LOT #1
1.33 AC. ±

RETAIL/ COMMERCIAL LOT #2
1.35 AC. ±

RETAIL/ COMMERCIAL LOT #3
1.12 AC. ±

20' WIDE UTILITY EASEMENT

NEW 10' WIDE UTILITY EASEMENT

NEW 16' WIDE SANITARY SEWER EASEMENT

STA. 5+74 MAIN #1
NEW 8"x8"x6" M.J. TEE WITH (2) 8"ø M.J. GATE VALVES, (1) 6"ø M.J. GATE VALVE, AND (1) 6'ø 3-WAY FIRE HYDRANT (SEE DETAIL E, SHEET D2)

STA. 5+40 MAIN #1 = STA. 18+92 MAIN #1
NEW 8"x8"x8" M.J. TEE WITH (3) 8"ø M.J. GATE VALVES (SEE DETAIL A, SHEET D2)

STA. 8+81 MAIN #1
NEW 8"x8"x6" M.J. TEE WITH (2) 8"ø M.J. GATE VALVES, (1) 6"ø M.J. GATE VALVES, AND (1) 6'ø 3-WAY FIRE HYDRANT (SEE DETAIL B, SHEET D2)

MAIN #1
NEW 8"ø SDR 21, CLASS 200 PVC WATER MAIN (TYP.)

STA. 8+86 & STA. 9+50 MAIN #1
NEW 8"ø M.J. 45° BENDS

STA. 11+81 & STA. 12+31 MAIN #1
NEW 8"ø M.J. 45° BENDS

STA. 12+08 MAIN #1
NEW 8"x8"x6" M.J. TEE WITH (1) 6"ø M.J. GATE VALVE, AND (1) 6'ø 3-WAY FIRE HYDRANT (SEE DETAIL B, SHEET D2)

STA. 15+10 MAIN #1
NEW 8"x8"x6" M.J. TEE WITH (1) 6"ø M.J. GATE VALVE, AND (1) 6'ø 3-WAY FIRE HYDRANT (SEE DETAIL B, SHEET D2)

STA. 15+71 & STA. 15+42 MAIN #1
NEW 8"ø M.J. 45° BENDS

STA. 17+74 MAIN #1
NEW 8"x2" SERVICE SADDLE WITH 2"ø M.J. GATE VALVE (SEE POTABLE SERVICE DETAIL "E", SHEET D2)

NEW 2"ø SERVICE LINES

STA. 18+92 MAIN #1
NEW 8"x2" SERVICE SADDLE WITH 2"ø M.J. GATE VALVE (SEE POTABLE SERVICE DETAIL "E", SHEET D2)

STA. 2+79 MAIN #1 = STA. 0+00 LINE #1
NEW 8"x8"x6" M.J. TEE

MAIN #1
NEW 8"ø SDR 21, CLASS 200 PVCWATER MAIN (TYP.)

LINE #1
NEW 6"ø SDR 21, CLASS 200 PVCWATER MAIN (TYP.)

STA. 0+05 & STA. 0+60 MAIN #1
NEW 8"ø 45° M.J. BENDS

STA. 0+45 LINE #1
NEW 6"ø 3-WAY TERMINAL FIRE HYDRANT WITH 6"ø M.J. GATE VALVE (SEE TERMINAL HYDRANT) (SEE DETAIL SHEET D2)

STA. 0+00 MAIN #1
CONTRACTOR SHALL REMOVE EXISTING FLUSH HYDRANT AND ANY FITTINGS AND CONNECT NEW 8"ø WATER MAIN TO EXISTING 8"ø WATER MAIN

NEW SANITARY SEWER MANHOLE

NEW SANITARY SEWER CLEANOUT

NEW UNDERGROUND ELECTRIC (TYP.)

NEW SANITARY SEWER LATERAL

EXISTING FIRE HYDRANT

EXISTING FIRE HYDRANT W/VALVE

EXISTING WATER MAIN (TYP.)

EXISTING LIGHT POLE (TYP.)

EXISTING STORM SEWER INLET

EXISTING STREET SIGN (TYP.)

EXISTING FIBER OPTIC LINE (TYP.)

EXISTING UNDERGROUND TELEPHONE (TYP.)

EXISTING UNDERGROUND ELECTRIC (TYP.)

EXISTING ELECTRIC TRANSFORMER

EXISTING UNDERGROUND TELEPHONE PEDESTAL W/MARKER

EXISTING FIBER OPTIC MARKERS

EXISTING WATER VALVE

EXISTING FLUSH HYDRANT

EXISTING WATER VALVES

EXISTING HIGHWAY SIGN

EXISTING 8"ø WATER MAIN

EXISTING WATER VALVE

EXISTING FLUSH HYDRANT

EXISTING FIRE HYDRANT W/VALVES

EXISTING GAS (TYP.)

EXISTING UTILITY POLE (TYP.)

EXISTING FENCE (TYP.)

EXISTING WATER VALVE

EXISTING WATER METER

EXISTING AERIAL ELECTRIC (TYP.)

EXISTING FIRE HYDRANT

FREEDOM DRIVE (FORMERLY TEXACO DRIVE) (66' WIDE)

E. ST. CHARLES RD. (VARIABLE WIDTH)

NEW SANITARY SEWER MANHOLE

NEW SANITARY SEWER MAINLINE

MAIN #1
NEW 8"ø SDR 21, CLASS 200 PVC WATER MAIN (TYP.)

MAIN #1
NEW 8"ø SDR 21, CLASS 200 PVC WATER MAIN (TYP.)

NEW SANITARY SEWER MANHOLE

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