

WATER COORDINATES

POINT NAME	NORTHING	EASTING	DESCRIPTION
3	411360.83	944694.12	24" DIP WATER MAIN
4	411364.73	944677.32	24" DIP WATER MAIN
5	411394.51	944658.42	24" DIP WATER MAIN
6	411533.02	944639.86	24" DIP WATER MAIN
7	411864.31	944667.62	24" DIP WATER MAIN
8	411965.57	944671.64	24"x16" TEE
9	412179.58	944650.36	24" DIP WATER MAIN
10	413179.04	944455.02	24" DIP WATER MAIN
11	413197.05	944451.50	24" DIP WATER MAIN
12	413209.16	944449.14	24" DIP WATER MAIN
13	413354.81	944443.12	24" DIP WATER MAIN
14	414235.29	944491.09	24"x16" TEE
15	414385.66	944499.66	24" DIP WATER MAIN
16	414993.84	945033.35	24" DIP WATER MAIN
17	415458.21	944514.86	24"x16" TEE
18	415476.72	944515.32	24" DIP WATER MAIN
19	415839.70	944727.13	AIR RELEASE (FIELD VERIFY)
20	415593.98	944521.78	24"x16" TEE
21	415645.03	944524.59	24" DIP WATER MAIN
22	415826.07	944726.72	24" DIP WATER MAIN
23	416175.88	944737.17	24"x8" TEE
24	416765.85	944754.79	AIR RELEASE (FIELD VERIFY)
25	417671.14	944781.78	24" DIP WATER MAIN
26	417839.82	944960.37	24" DIP WATER MAIN
27	417853.77	944960.79	24"x16" TEE
27A	418310.79	944974.61	AIR RELEASE (FIELD VERIFY)
28	419019.85	944996.06	24" DIP WATER MAIN
29	419027.39	945003.00	24" DIP WATER MAIN
30	419144.62	945110.93	24" DIP WATER MAIN
31	419563.72	945399.56	24" DIP WATER MAIN
32	419680.73	945464.75	24" DIP WATER MAIN
33	419793.81	945545.50	24" DIP WATER MAIN
34	419954.58	945678.62	24" DIP WATER MAIN
35	420065.86	945744.60	24" DIP WATER MAIN
36	420116.64	945771.47	24" DIP WATER MAIN
37	420093.05	946268.76	24" DIP WATER MAIN
38	420194.97	946378.65	24" DIP WATER MAIN
39	420207.91	946429.38	24" DIP WATER MAIN
40	420562.66	946442.64	8" DIP WATER MAIN
41	420558.58	946550.94	8" DIP WATER MAIN
42	420541.51	946550.30	6" DIP WATER MAIN
43	420198.07	946690.65	24" DIP WATER MAIN
44	420341.80	946696.06	8" DIP WATER MAIN
45	420342.10	946688.07	FIRE HYDRANT
46	420193.23	946819.38	24" DIP WATER MAIN
47	420208.73	946819.96	24" DIP WATER MAIN
48	420209.29	946804.97	6" DIP WATER MAIN
49	420258.19	946821.82	24" DIP WATER MAIN
50	420553.01	946699.07	8" DIP WATER MAIN
51	420679.92	946703.85	8" DIP WATER MAIN
52	420589.57	946309.60	14" DIP WATER MAIN
53	420590.36	946297.57	14" DIP WATER MAIN
54	420565.62	946895.62	18" DIP WATER MAIN
55	420547.25	946852.10	6" DIP WATER MAIN
56	420525.54	946851.04	6" DIP WATER MAIN
57	420478.07	946892.21	18" DIP WATER MAIN
58	420478.43	946884.00	18" DIP WATER MAIN
59	420187.22	946978.98	16" DIP WATER MAIN
60	420541.97	946992.34	16" DIP WATER MAIN
61	420575.65	946993.61	16" DIP WATER MAIN
62	420561.40	947007.67	18" DIP WATER MAIN
63	420626.84	947050.53	16" DIP WATER MAIN
64	420618.55	947071.23	18" DIP WATER MAIN
65	420606.70	947344.18	18" DIP WATER MAIN
66	420547.27	947341.36	18" DIP WATER MAIN
67	420545.34	947380.26	18" DIP WATER MAIN
68	420496.68	948384.08	18" DIP WATER MAIN
69	420445.60	949387.74	16" DIP WATER MAIN
70	420438.77	949521.44	14" DIP WATER MAIN
71	420469.51	950293.75	16" DIP WATER MAIN
72	420394.43	950467.12	14" DIP WATER MAIN
73	420391.06	950540.25	14" DIP WATER MAIN
74	420347.75	951476.04	14" DIP WATER MAIN
75	420301.17	952484.97	14" DIP WATER MAIN
76	420300.28	952504.99	14" DIP WATER MAIN
77	420318.12	952761.05	16" DIP WATER MAIN
78	420316.28	952801.01	16" DIP WATER MAIN
79	420296.14	952760.04	16" DIP WATER MAIN
80	416829.58	935167.98	8" DIP WATER MAIN
81	418717.41	935259.08	8" DIP WATER MAIN
82	418738.9	935260.14	8" DIP WATER MAIN

SANITARY COORDINATES

POINT NAME	NORTHING	EASTING	DESCRIPTION
200	420415.76	946680.71	6" SANITARY
201	420354.73	946661.25	LIFT STATION
202	420224.38	946656.37	4" SANITARY FM
203	420216.21	946647.56	4" SANITARY FM
204	420225.72	946394.89	4" SANITARY FM
205	420185.61	946351.65	4" SANITARY FM
206	420104.77	946264.48	4" SANITARY FM
207	420128.47	945764.72	4" SANITARY FM
208	420071.34	945734.48	4" SANITARY FM
209	419961.37	945669.32	4" SANITARY FM
210	419800.99	945535.51	4" SANITARY FM
211	419686.74	945454.94	4" SANITARY FM
212	419569.22	945389.45	4" SANITARY FM
213	419152.32	945102.39	4" SANITARY FM
214	419024.48	944984.70	4" SANITARY FM
215	418311.04	944963.12	4" COMB. AIR VALVE
216	417845.82	944949.04	4" SANITARY FM
217	417676.23	944770.43	4" SANITARY FM
218	416766.10	944743.29	4" COMB. AIR VALVE
219	416192.31	944726.15	4" SANITARY FM
220	416187.51	944721.01	4" SANITARY FM
220A	416187.49	944747.01	4" COMB. AIR VALVE
221	416262.15	942835.63	4" COMB. AIR VALVE
222	416394.35	939737.13	4" COMB. AIR VALVE
223	416550.59	937426.81	4" COMB. AIR VALVE
224	416840.11	935183.56	4" SANITARY FM
225	416844.38	935179.71	4" SANITARY FM
226	418705.18	935219.44	4" SANITARY FM
227	418708.40	935216.60	4" SANITARY FM

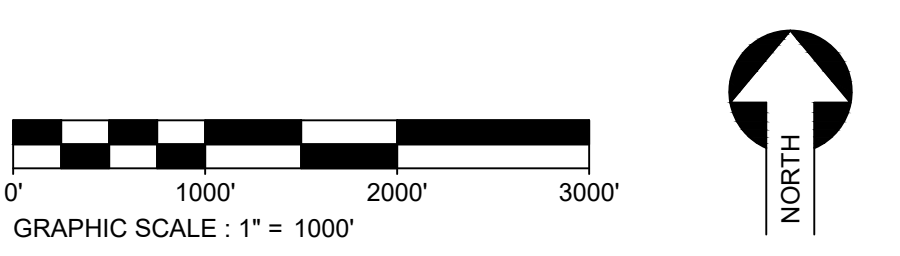
OVERALL WATER AND SANITARY PLAN
SCALE: 1"= 1000'

NO.	DESCRIPTION	NORTHING	EASTING	ELEVATION
CP 1	TBM CONTROL NAIL	420539.10	949448.37	333.67
CP 2	TBM CONTROL NAIL	419977.97	949421.86	323.80
CP 3	SURVEY CONTROL NAIL	420576.64	949602.96	337.47
CP 4	SURVEY CONTROL NAIL	416788.21	944580.45	341.68
CP 5	SURVEY CONTROL NAIL	415260.31	944505.72	323.22
CP 6	SURVEY CONTROL NAIL	420550.10	950357.44	359.45
CP 7	SURVEY CONTROL NAIL	420538.56	954046.50	322.80
CP 8	SURVEY CONTROL IP	415998.85	954828.17	328.97

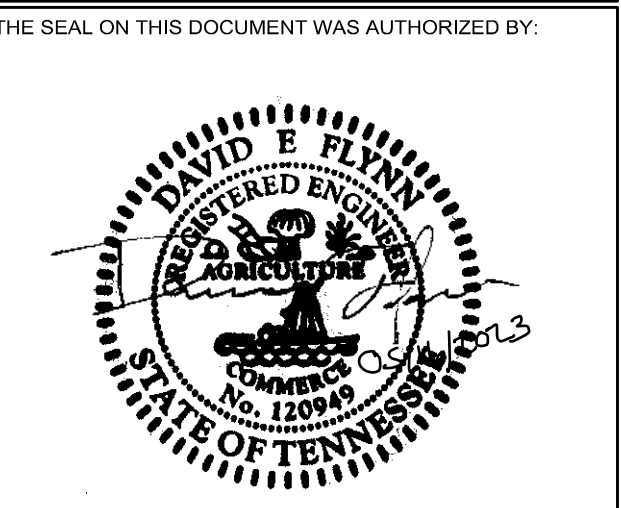
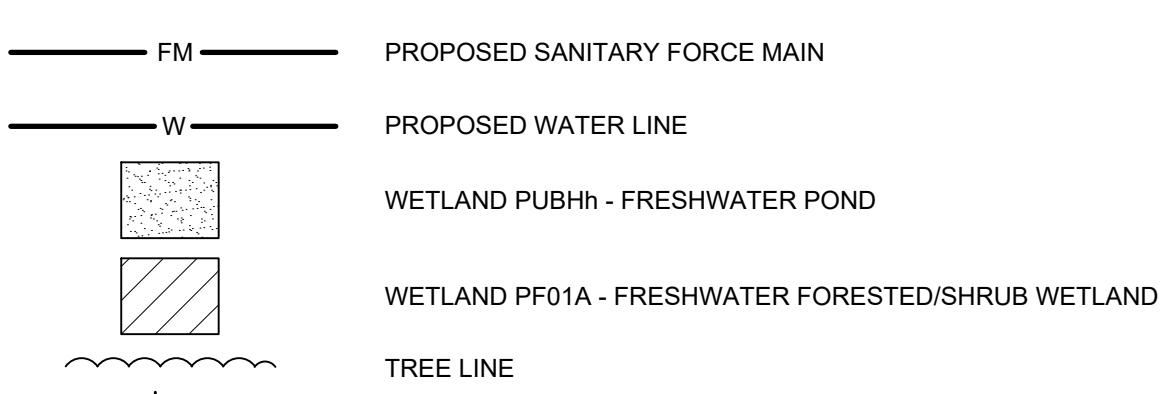
DESCRIPTION	NEW	EXISTING
STORM SEWER	— ST —	— ST —
SANITARY SEWER	— S —	— S —
SANITARY SEWER FORCE MAIN	— FM —	— FM —
POTABLE WATER	— W —	— W —
FIRE LINE	— F —	— <F> —
NATURAL GAS		— G —
ABOVE GROUND TELEPHONE LINE		— <C> —
BELOW GROUND TELEPHONE LINE		— C —
ABOVE GROUND ELECTRICAL LINE		— <E> —
BELOW GROUND ELECTRICAL LINE		— E —
PROPERTY LINE		— R —
EASEMENT	— — — —	— — — —
FENCE	— — — —	— — — —
RIGHT-OF-WAY		— R/W —
GUARD RAIL		— O —
SETBACK	— S/B —	— S/B —
WETLANDS / FLOODPLAIN		— — — —
DITCH OR SWALE		— — — —
MAJOR CONTOUR LINE		— 00 —
MINOR CONTOUR LINE		— 00 —
ELEVATION		× 00.00
BENCH MARK	⊕	⊕
CATCH BASIN	⊕	⊕
MANHOLE/JUNCTION BOX	●	○
CLEANOUT	○	○
HEADWALL	▽	▽
FIRE HYDRANT	⊕	⊕
POST INDICATOR VALVE	⬇	⬇
VALVE	⊕	⊕
POWER POLE	⊕	⊕
GUY WIRE		— — — —
LIGHT POLE		⊕
TREE		— — — —
THRUST BLOCK	◀	
WETLAND PF01A - FRESHWATER FORESTED/SHRUB WETLAND		▨

HW	HEADWALL
TE	TOP ELEVATION
TC	TOP OF CURB
FFE	FINISH FLOOR ELEVATION
MH	MANHOLE
CB	CATCH BASIN
JB	JUNCTION BOX
BOX	BOX CULVERT
RCP	REINFORCED CONCRETE PIPE
PVC	POLYVINYL CHLORIDE PIPE
HDPE	HIGH DENSITY POLYETHYLENE
DIP	DUCTILE IRON PIPE
PIV	POST INDICATOR VALVE
IE	INVERT ELEVATION
HP	HIGHPOINT
TYP	TYPICAL
WW	WINGWALL
LF	LINEAR FEET
RIM	RIM ELEVATION

DESIGN ENGINEER:
SSOE, INC.
320 SEVEN SPRINGS WAY, STE. 350
BRENTWOOD, TN, 37027
PHONE: 615.861.7585
FAX: 615.861.7569
CONTACT: DUANE WOLF
DWOLF@SSOE.COM



NOTE:
PRIOR TO ANY UTILITY INSTALLATION, THE UTILITY EASEMENT SHALL BE STAKED BY THE CONTRACTOR TO ENSURE THAT THE WATERLINE AND FORCEMAIN ARE INSTALLED WITHIN THE PROPOSED EASEMENT AS PREPARED FOR THIS PROJECT.



THE SEAL ON THIS DOCUMENT WAS AUTHORIZED BY:
SITE WATER PIPING
MEMPHIS REGIONAL MEGASITE



STATE OF TN
SBC PROJ #
529/000-02-2010-04

NO.	DATE	SUBJECT
4	05-16-23	BULLETIN 10
3	04-07-23	BULLETIN 8
2	03-08-23	BULLETIN 7
1	10-07-22	BULLETIN 2
0	08-12-22	IFC

SSOE, Inc.
320 Seven Springs Way, Suite 350
Brentwood, TN 37027
T 615-661-7585

PROJECT NO: 012-0280-21
PROJECT MANAGER: D. HIBDON
DESIGNED: D. WOLF
CHECKED: D. FLYNN



DRAWING TITLE:
OVERALL WATER AND SANITARY FORCE MAIN PLAN
DRAWING NO:
600-C-400

Area 20 - Undisturbed Little Muddy Creek



Area 21 - Undisturbed Little Muddy Creek



Area 24 - Undisturbed Little Muddy Creek



Area 8 - Undisturbed,
Unnamed Tributary to Little
Muddy Creek

