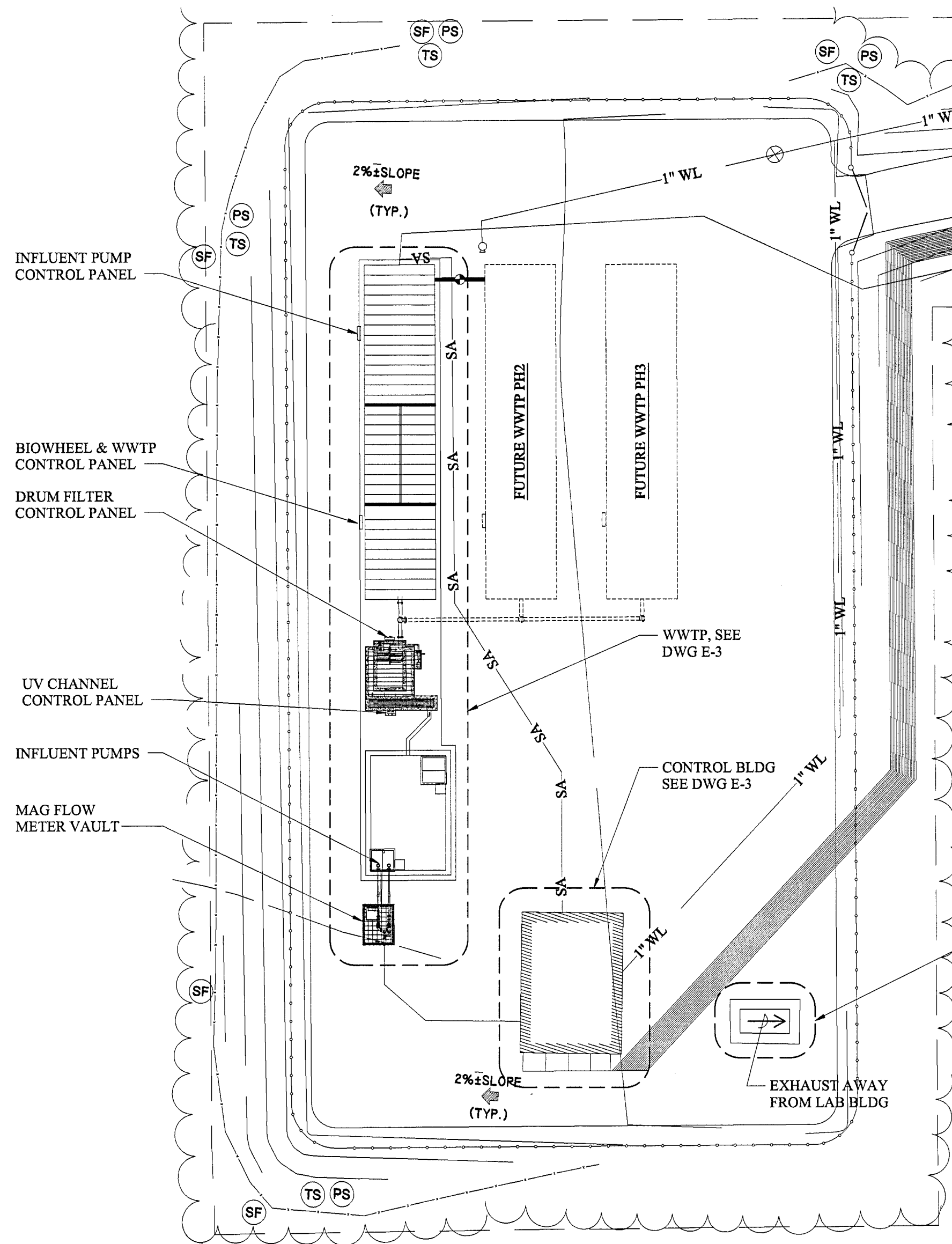
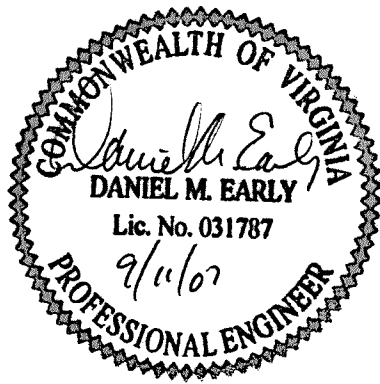
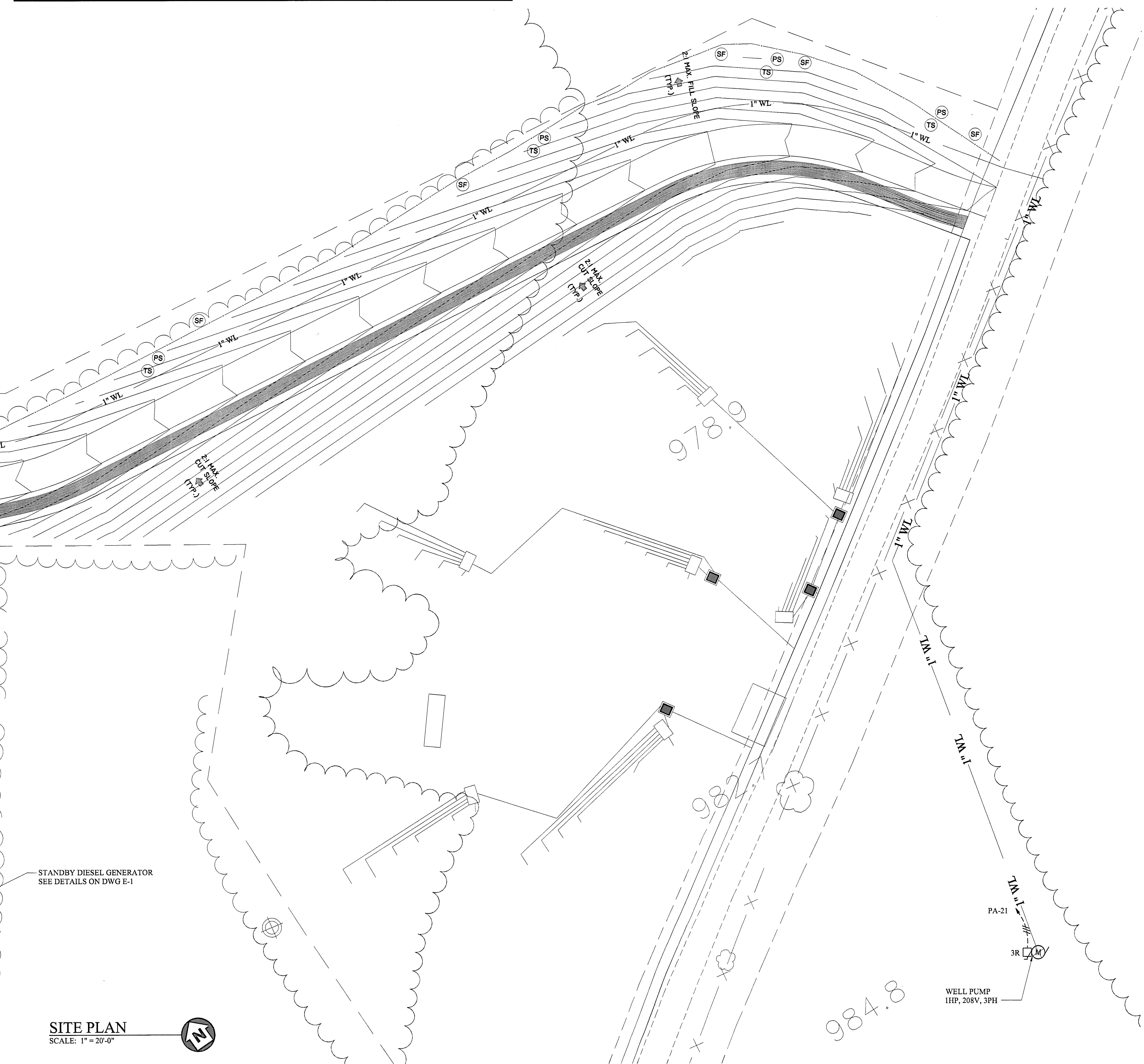


PANEL "PA" SCHEDULE									
PANELBOARD CHARACTERISTICS:					PHASE TO PHASE VOLTS: 208				
VOLTS: 208/120					PHASE TO NEUT. VOLTS: 120				
PHASES: 3					400 AMP MAIN LUGS ONLY				
WIRES: 4					MINIMUM SHORT CIRCUIT RATING: 22,000 RMS SYM AMPS				
SOLID NEUTRAL GROUND BAR									
CKT. NO.	POLE NO.	DESCRIPTION	LOAD TYPE	CONN. KVA	CONN. AMPS	BREAKER	NO. & WIRE SIZE	COND. SIZE	
					A B C	P AT	PHASE NEUT. GND		
3	3	BIOWHEEL/WWTP CONTROL PANEL	E	22.4	62.2 62.2 62.2	3 90	2 2 8	1 1/2"	
9	9	FUTURE PANEL "PB"	E			3 150	- - -	-	
15	15	INFLUENT PUMP CONTROL PANEL	E	1.6	4.4 4.4 4.4	3 20	10 10 12	1"	
21	21	WELL PUMP, 1HP	E	1.5	4.2 4.2 4.2	3 15	8 - 10	1"	
27	27	FUTURE EFFLUENT CP PHASE 2	E	23.2	64.4 64.4 64.4	3 100	- - -	-	
33	33	FUTURE BIOWHEEL/WWTP CP PHASE 2	E	22.4	62.2 62.2 62.2	3 90	- - -	-	
37	37	RCPT @ WWTP	R	0.3	2.5	1 20	10 10 12	1"	
39	39	SPARE				1 20			
41	41	SPARE				1 20			
4	4	EFFLUENT PUMP CONTROL PANEL	E	23.2	64.4 64.4 64.4	3 100	1 1 8	1 1/2"	
8	8	HVAC UNIT	E	2.8	13.5 13.5 13.5	2 30	10 - 12	3/4"	
12	12	DWH	E	4.5	21.6 21.6 21.6	2 30	10 - 10	3/4"	
16	16	EWV	E	1.0	8.3 8.3 8.3	1 20	12 12 12	3/4"	
18	18	RCPT TOILET	E	0.6	5.0 5.0 5.0	1 20	12 12 12		
20	20	RCPT GENERAL	E	0.8	6.7 6.7 6.7	1 20	12 12 12	3/4"	
22	22	RCPT CHEMICAL FEED & MIXER	E	0.6	5.0 5.0 5.0	1 20	12 12 12		
24	24	GENERATOR BATTERY CHARGER	E	0.6	5.0 5.0 5.0	1 20	12 12 12		
26	26	GENERATOR BLOCK HEATER	E	2.0	9.6 9.6 9.6	2 30	10 10 12	1"	
30	30	UV CHANNEL CONTROL PANEL	E	1.4	11.7 11.7 11.7	1 20	10 10 12	1"	
32	32	SPARE				1 20			
34	34	MAG FLOW METER & CHART RECORDER	E	0.3	2.5	1 20	12 12 12	1"	
36	36	PHONE DIALER	E	0.2	1.7	1 20	12 12 12	3/4"	
40	40	DRUM FILTER CONTROL PANEL	E	3.5	9.7 9.7 9.7	3 30	8 8 10	1"	
42	42	TOTALS		112.9	325.3 310.4 316.4				

LIGHTING FIXTURE SCHEDULE						
TYPE	MANUFACTURER	CATALOG NUMBER	FIXTURE VOLTAGE	LAMPS No.	LAMPS TYPE	MOUNTING
A	LITHONIA	DM-2-32-MVOLT-GEB	120	2	F32T8/SPX35	SURFACE
B	LITHONIA	TWS-42TRT-MVOLT-LPI	120	1	CF42TRT	WALL
C	LITHONIA	WP-2-32-MVOLT-GEB	120	2	F32T8/SPX35	WALL
D	LITHONIA	TWR1-175-TB-LPI-PE	120	1	MH175M	WALL
						REMARKS
						LAB
						EXTERIOR @ DOOR
						TOILET
						WALL PACKS



SITE PLAN
SCALE: 1" = 20'-0"



ACS
DESIGN

ENGINEERING • SURVEYING
LANDSCAPE ARCHITECTURE
CONSTRUCTION MANAGEMENT

2203 PETERS CREEK ROAD
ROANOKE, VIRGINIA 24017
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INFO@ACSDSIGNLLC.COM
WWW.ACSDSIGNLLC.COM

WESTLAKE VILLAGE
CENTRAL SEWER SYSTEM
FRANKLIN COUNTY, VIRGINIA

DRAWN BY: RNM
DESIGNED BY: WKH
CHECKED BY: WKH
DATE: 15 JUL 2007
JOB NUMBER: 06145

REVISIONS:	
No. 1	
No. 2	
No. 3	
No. 4	

SHEET NO.:
E-2

SITE PLAN
& SCHEDULES