PIPING LEGEND

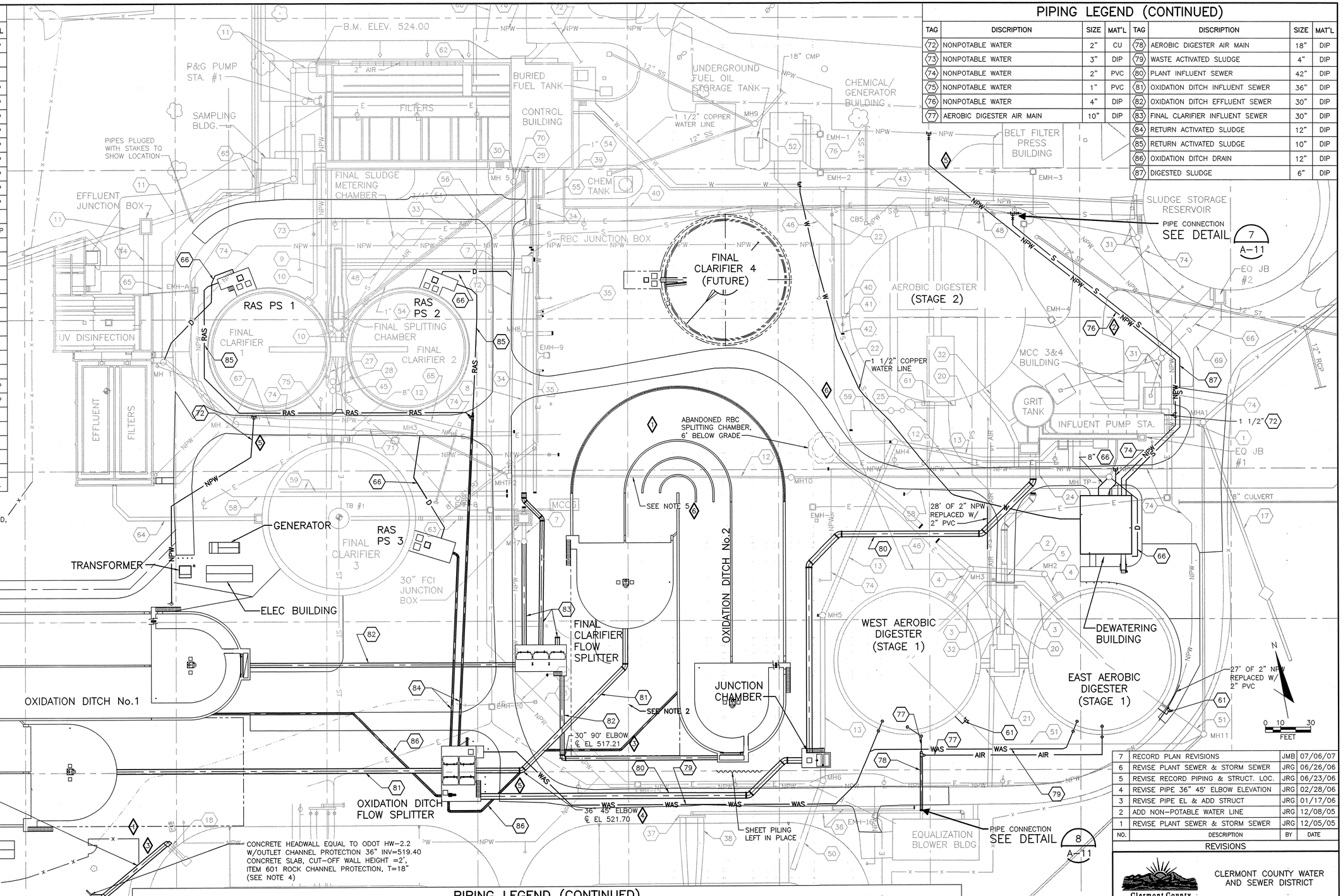
TAG	DISCRIPTION	SIZE	MAT'L
1	PLANT INFLUENT SEWER	36"	RCP
2	PRIMARY CLARIFIER INFLUENT MAIN	42"	DIP
3	PRIMARY CLARIFIER INFLUENT MAIN	30"	DIP
4	PRIMARY EFFLUENT SEWER	30"	RCP
5	PRIMARY EFFLUENT SEWER	42"	RCP
6	FINAL CLARIFIER INFLUENT SEWER	30"	RCP
7	FINAL CLARIFIER INFLUENT SEWER	30"	RCP
9	FINAL EFFLUENT SEWER	30"	RCP
10	FINAL EFFLUENT SEWER	20"	RCP
11	PLANT EFFLUENT SEWER	36"	RCP
12	PLANT SEWER	12"	RCP
13	EQUALIZATION BASIN INFLUENT SEWER	36"	RCP
17	EQUILIZATION BASIN RETURN SEWER	16"	DIP
18	EQUILIZATION BASIN OVERFLOW SEWER	36"	PRCP
20	SLUDGE TRANSFER MAIN	6"	DIP
21	PRIMARY SCUM SEWER MAIN	6"	DIP
22	FINAL SLUDGE RETURN MAIN	6"	DIP
24	GRIT CHAMBER DRAIN	6"	DIP
25	DIGESTER DRAIN	6"	DIP
27	CLARIFIER DRAIN	6"	DIP
28	SLUDGE TANK DRAIN	6"	DIP
29	CHLORINE CONTACT TANK DRAIN	6"	DIP
30	BACKWASH WASTE TANK DRAIN	8"	DIP
31	LOADING PAD SEWER	6"	DIP
32	AIR MAIN	2"	GSP
33	AIR MAIN	2"	GSP
34	RBC AIR MAIN	24"	DIP
35	RBC AIR MAIN	12"	DIP
36	EQUALIZATION BASIN AIR MAIN	18"	DIP
37	EQUALIZATION BASIN AIR MAIN	14"	DIP
38	EQUALIZATION BASIN AIR MAIN	10"	DIP
39	BLOWER DISCHARGE LINES	18"	STL

GENERAL NOTES:

1. CONTRACTOR TO FIELD VERIFY LOCATION, SIZE AND MATERIAL OF ANY EXISTING YARD PIPING UNCOVERED, MODIFIED, OR IMPACTED BY THE WORK.
2. FINAL LOCATION OF FINAL CLARIFIER FLOW SPLITTER TO BE FIELD DETERMINED.
3. PIPING FROM EQUALIZATION BASIN OVERFLOW DIVERSION STRUCTURE SHALL BE FIELD ROUTED TO NEW CONCRETE HEADWALL.

GENERAL NOTES (CONTINUED):

4. NEW CONCRETE HEADWALL SHALL BE FIELD LOCATED.
5. ABANDON EXISTING PLANT SEWER AFTER NEW PLANT SEWER IS INSTALLED. PLUG ENDS WITH NON-SHRINK, NON METALLIC GROUT.



PIPING LEGEND (CONTINUED)

TAG	DISCRIPTION	SIZE	MAT'L	TAG	DISCRIPTION	SIZE	MAT'L
72	NONPOTABLE WATER	2"	CU	78	AEROBIC DIGESTER AIR MAIN	18"	DIP
73	NONPOTABLE WATER	3"	DIP	79	WASTE ACTIVATED SLUDGE	4"	DIP
74	NONPOTABLE WATER	2"	PVC	80	PLANT INFLUENT SEWER	42"	DIP
75	NONPOTABLE WATER	1"	PVC	81	OXIDATION DITCH INFLUENT SEWER	36"	DIP
76	NONPOTABLE WATER	4"	DIP	82	OXIDATION DITCH EFFLUENT SEWER	30"	DIP
77	AEROBIC DIGESTER AIR MAIN	10"	DIP	83	FINAL CLARIFIER INFLUENT SEWER	30"	DIP
				84	RETURN ACTIVATED SLUDGE	12"	DIP
				85	RETURN ACTIVATED SLUDGE	10"	DIP
				86	OXIDATION DITCH DRAIN	12"	DIP
				87	DIGESTED SLUDGE	6"	DIP

PIPING LEGEND (CONTINUED)

TAG	DISCRIPTION	SIZE	MAT'L	TAG	DISCRIPTION	SIZE	MAT'L	TAG	DISCRIPTION	SIZE	MAT'L	TAG	DISCRIPTION	SIZE	MAT'L
40	DIGESTER AIR MAIN	24"	DIP	48	CLAIFIER SLUDGE LINE	6"	DIP	56	WASH WATER RETURN	6"	DIP	64	FINAL CLARIFIER EFFLUENT	30"	DIP
41	DIGESTER AIR DISTRIBUTION LINES	18"	STL	50	EQUALIZATION BASIN INFLUENT SEWER	42"	PRCP	58	STREAM WATER LINE	6"	PVC	65	P&G SAMPLE LINE	6"	PVC
42	AIR MAIN	3"	GSP	51	AEROBIC DIGESTERS DRAIN MAIN	6"	DIP	59	WASTEWATER LINE	3"	PVC	66	DRAIN	4"	PVC
43	SLUDGE STORAGE RESERVOIR AIR MAIN	18"	DIP	52	FUEL TANK LINE	--	--	60	WELL WATER LINE	2"	PVC	67	BACKWASH WASTE TANK DRAIN	8"	DIP
44	UV DISINFECTION INFLUENT	36"	DIP	53	MUDWELL DISCHARGE MAIN	14"	DIP	61	SUPERNATANT DECANT	6"	DIP	69	FLOW EQ. TANK TRANSFER LINE	12"	DIP
45	PLANT SEWER	8"	DIP	54	CHEMICAL FEED LINE	--	PVC	62	CHLORINE BASIN BYPASS	8"	DIP	70	BACKWASH WASTE TANK DRAIN	12"	DIP
46	CAUSTIC SODA SOLUTION MAIN	2"	PVC	55	POLYMER FEED LINE	3/4"	PVC	63	FINAL CLARIFIER INLET	30"	DIP	71	SCUM	4"	DIP

NO.	DESCRIPTION	BY	DATE
7	RECORD PLAN REVISIONS	JMB	07/06/07
6	REVISE PLANT SEWER & STORM SEWER	JRG	06/26/06
5	REVISE RECORD PIPING & STRUCT. LOC.	JRG	06/23/06
4	REVISE PIPE 36" 45° ELBOW ELEVATION	JRG	02/28/06
3	REVISE PIPE EL & ADD STRUCT	JRG	01/17/06
2	ADD NON-POTABLE WATER LINE	JRG	12/08/05
1	REVISE PLANT SEWER & STORM SEWER	JRG	12/05/05

REVISIONS

RECORD DRAWING

PRINTS NOT BEARING THIS STAMP WERE MADE *PRIOR* TO RECORD DRAWING REVISIONS AND ARE TO BE CONSIDERED *OBSOLETE*

REYNOLDS, INC.

BBS Corporation
Consulting Engineers

Clermont County

CLERMONT COUNTY WATER AND SEWER DISTRICT

LOWER EAST FORK WASTEWATER TREATMENT PLANT
PROJECT No.651-0865
2005

YARD PIPING PLAN – MODIFIED

GENERAL

DESIGNED:	AHS		
DRAWN:	JMB	SCALE:	AS NOTED
CHECKED:	DFC	STATUS:	RECORD DRAWINGS
SEALED:	AHS	DATE:	AUGUST 3, 2007

REDUCTION VERIFICATION SCALE
0 1" 2"

DRAWING No.: A-9

XReferenced File: BORDER, CIN_PES_2004, SITEPLAN, ODTOP, JCTOP, FCFSTOP, ODFSTOP, FCTOP4, fbROOF, RecordDwgStamp
Drawing Info: Z:\Project Data\Reynolds\Lower East Fork\DESIGN-BUILD\033.dwg Edit Time: 8/03/07 7:50am User: jbradle3