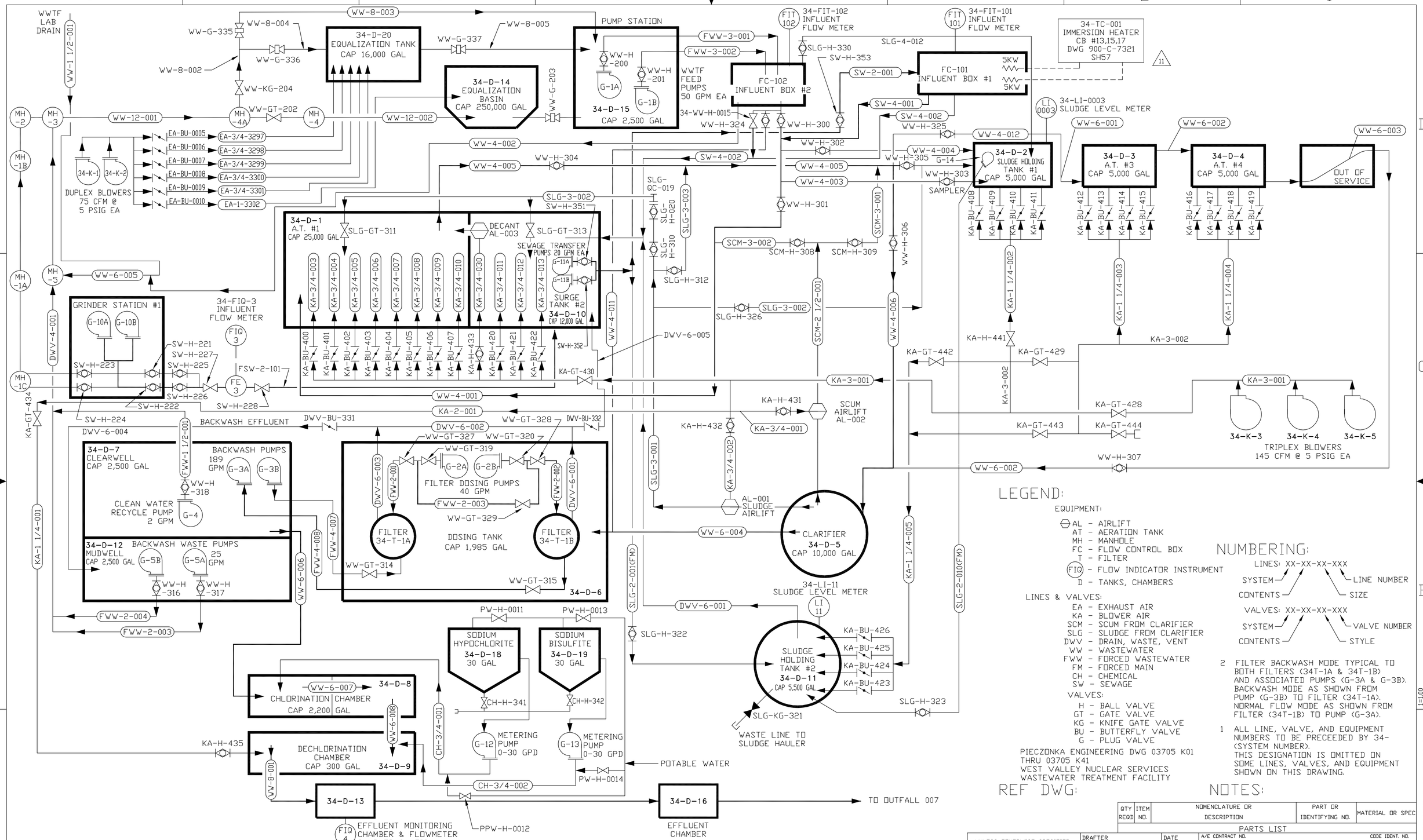

LEGEND:

EQUIPMENT:

- AL - AIRLIFT
- AT - AERATION TANK
- MH - MANHOLE
- FC - FLOW CONTROL BOX
- T - FILTER
- FIQ - FLOW INDICATOR INSTRUMENT
- D - TANKS, CHAMBERS

LINES & VALVES:

- EA - EXHAUST AIR
- KA - BLOWER AIR
- SCM - SCUM FROM CLARIFIER
- SLG - SLUDGE FROM CLARIFIER
- DWV - DRAIN, WASTE, VENT
- WW - WASTEWATER
- FWW - FORCED WASTEWATER
- FM - FORCED MAIN
- CH - CHEMICAL
- SW - SEWAGE

VALVES:

- H - BALL VALVE
- GT - GATE VALVE
- KG - KNIFE GATE VALVE
- BU - BUTTERFLY VALVE
- G - PLUG VALVE

NUMBERING:

LINES: XX-XX-XX-XXX
SYSTEM — CONTENTS — LINE NUMBER — SIZE

VALVES: XX-XX-XX-XXX
SYSTEM — CONTENTS — VALVE NUMBER — STYLE

REF DWG:

PIECZONKA ENGINEERING DWG 03705 K01 THRU 03705 K41
WEST VALLEY NUCLEAR SERVICES
WASTEWATER TREATMENT FACILITY

NOTES:

2 FILTER BACKWASH MODE TYPICAL TO BOTH FILTERS (34T-1A & 34T-1B) AND ASSOCIATED PUMPS (G-3A & G-3B). BACKWASH MODE AS SHOWN FROM PUMP (G-3B) TO FILTER (34T-1A). NORMAL FLOW MODE AS SHOWN FROM FILTER (34T-1B) TO PUMP (G-3A).

1 ALL LINE, VALVE, AND EQUIPMENT NUMBERS TO BE PRECEEDED BY 34-(SYSTEM NUMBER). THIS DESIGNATION IS OMITTED ON SOME LINES, VALVES, AND EQUIPMENT SHOWN ON THIS DRAWING.

QTY REQD	ITEM NO.	NOMENCLATURE OR DESCRIPTION	PART OR IDENTIFYING NO.	MATERIAL OR SPEC

PARTS LIST

REV	DESCRIPTION	APV'D
0	ER #2489 12/11/92	JRH
1	ECN 6732 KGZ 11/03/93	KG / SA
2	ECN 7250 GM 12/8/93	HAB
3	ECN 8527 RAS 12/8/94	GL / BC / SA
4	ECN 10610 JLH 6/9/97	HAB
5	ECN 11111 JHS 11/21/97	HAB
6	ECN 12375 DDD 12/15/99	HAB
7	ECN 12230 RJR 2/11/2000	JLH
8	ECN 12399 RJR 3/14/2000	HAB
9	ECN 12340 MJC 7/13/2000	JLH
10	ECN 12718 BP 11/10/2000	JLH
11	ECN 25922 HAB 05/19/2004	XXX

REVISIONS

VERIFY ALL DOCUMENTS FOR CURRENT REVISION AND PENDING CHANGES PRIOR TO EACH USE
INIT _____ DATE _____

UNLESS OTHERWISE SPECIFIED
ALL DIMS IN INCHES
TOLERANCES-DO NOT SCALE
2 PL DEC ± N/A | 3 PL DEC ± N/A | ANGLES ± N/A | N/A
FRACTIONS ± 1/16
D.SPEC.NO. 2067
NEXT ASSEMBLY

DRAFTER B. PORTER	DATE 10/21/92	
CHECKER H. BARKER	DATE 12-09-92	
ENGR. B. CONNORS	DATE 12-10-92	
COG.MGR.APPVL J. FERRY	DATE 12/11/92	
SYS.ENGR.APPVL M. YOUNG	DATE 12/11/92	
Q.A.APPVL	DATE	
DFTG.SUPR. J. HORTON	DATE 12/11/92	

A/E CONTRACT NO. — CODE IDENT. NO.

FOR
WEST VALLEY NUCLEAR SERVICES CO.,INC.
WEST VALLEY, NEW YORK

WASTEWATER TREATMENT FACILITY PROCESS CONTROL FLOW DIAGRAM

DWG SIZE D | SCALE N/A | WEIGHT | DWG NO. 900-D-4987 | REV 11
A/E DWG NO. | SHEET 1 OF

1=1.00 4987D001

CAD DRAWING-DO NOT REVISE THIS ORIGINAL