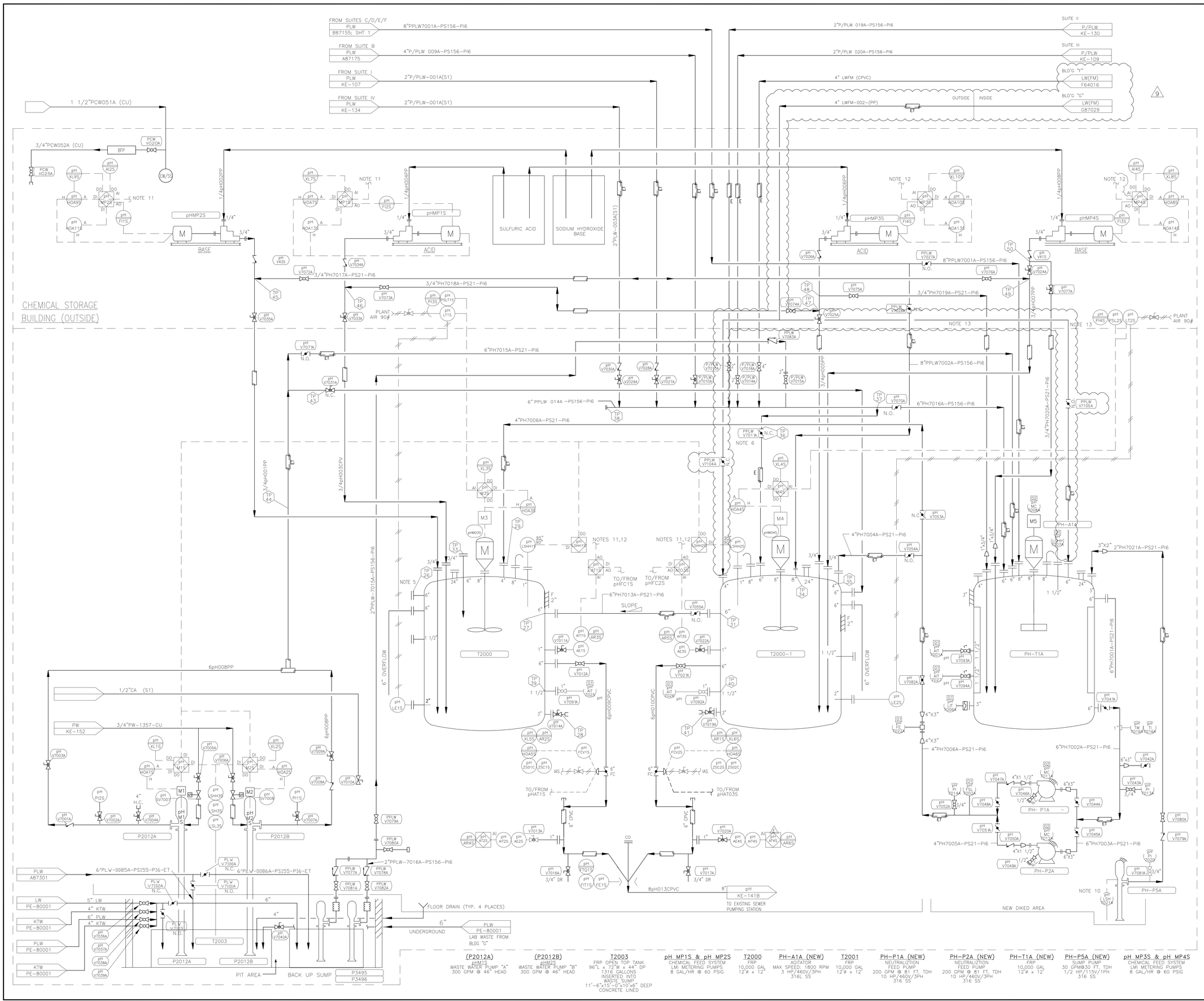

1. ALL COMPUTER CONTROLS SHOWN ON THIS DWG. ARE CONNECTED TO PLC LOCATED IN LP-2000B UNLESS OTHERWISE NOTED.
2. NOTE NOT USED.
3. NOTE NOT USED.
4. ALL NEW PIPING OUTSIDE OF BUILDING, HEAT TRACED.
5. NOTE NOT USED.
6. EXISTING RELOCATED.
7. REFER TO DWG. B87000 FOR INSTRUMENT TYPICAL STANDARDS.
8. NOTE NOT USED.
9. NOTE NOT USED.
10. LSH INCLUDED WITH SUMP PUMP.
11. ACID PUMP pHMP1S AND BASE PUMP pHMP2S ARE USED FOR FINE pH ADJUSTMENT IN T-2000 AND T-2001.
12. ACID PUMP pHMP3S AND BASE PUMP pHMP4S ARE USED FOR COARSE pH ADJUSTMENT IN T-2000, AND T-2001, AND T1A.
13. CHEMICAL ADDITION LINES TO T1A ARE RUN INSIDE THE HEATED ENCLOSURE.

ISSUED TO ROBERT MCINNES
FOR REFERENCE ONLY 09JAN2008

No.	DWG	DESCRIPTION
2	A87301	PID SUITE 1,2,3,&4 RECOVERY SUMPS
1	PE-80001	UNDERGROUND PIPING

REFERENCE DRAWINGS

REV.	DATE	DESCRIPTION	REV.BY	APPVL.
9	04JUN07	REVISED PER DWG REQ 06-2503	PH	
8	18NOV2005	REVISED PER DWG REQ 05-0533	TAH	
7	13AUG2004	REVISED PER REQ#04696,PROJ#040001	HEH	
6	01/24/03	AS-BUILT FOR MEP IV		CR
5	12/1/98	AS-BUILT / CHEM. STG BLD'G UPGRADE		VPT
4	12/3/97	AS-BUILT - SUITE B		
3	5/16/97	ISSUED FOR CONSTRUCTION		DL
2	3/27/97	ISSUED FOR DESIGN		RDR
1	11/25/96	REVISED PER REQ #96327		RDR
A	3/21/94	ISSUED FOR REVIEW		RDR

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PREVIOUS DWG. No.

APPROVED BY: Hugh O'Connor
APPROVED DATE: 06/05/2007 02:51:56
CURRENT STATUS: Approved

Wyeth — Wyeth BioPharma

SITE: ANDOVER, MA
WYETH BIOPHARMA PROJECT NUMBER

PIPING & INSTRUMENTATION DIAGRAM pH ADJUSTMENT SYSTEM

SIZE	CONTRACTOR NUMBER	BLDG	CLASS	REVISION
E	WYETH BIOPHARMA DRAWING NUMBER KE-141B	A	PID	9.0

DATE: 3/24/94 SCALE: NONE SHEET: 01 of 01

(P2012A) pHM1S
WASTE WATER PUMP "A"
300 GPM @ 46" HEAD

(P2012B) pHM2S
WASTE WATER PUMP "B"
300 GPM @ 46" HEAD

T2003
FRP OPEN TOP TANK
96"L x 72"W x 44" DP
1316 GALLONS
INSERTED INTO
WASTE SUMP
11'-6"x15'-0"x10'x6" DEEP
CONCRETE LINED

pH MP1S & pH MP2S
CHEMICAL FEED SYSTEM
LMI METERING PUMPS
8 GAL/HR @ 60 PSIG

T2000
FRP
10,000 GAL
12'ø x 12'

PH-A1A (NEW)
AGITATOR
MAX SPEED: 1800 RPM
3 HP/460V/3PH
316L SS

T2001
FRP
10,000 GAL
12'ø x 12'

PH-P1A (NEW)
NEUTRALIZTION
FEED PUMP
200 GPM @ 81 FT. TDH
10 HP/460V/3PH
316 SS

PH-P2A (NEW)
NEUTRALIZTION
FEED PUMP
200 GPM @ 81 FT. TDH
10 HP/460V/3PH
316 SS

PH-T1A (NEW)
FRP
10,000 GAL
12'ø x 12'

PH-P5A (NEW)
SUMP PUMP
30 GPM@30 FT. TDH
1/2 HP/115V/1PH
316 SS

pH MP3S & pH MP4S
CHEMICAL FEED SYSTEM
LMI METERING PUMPS
8 GAL/HR @ 60 PSIG