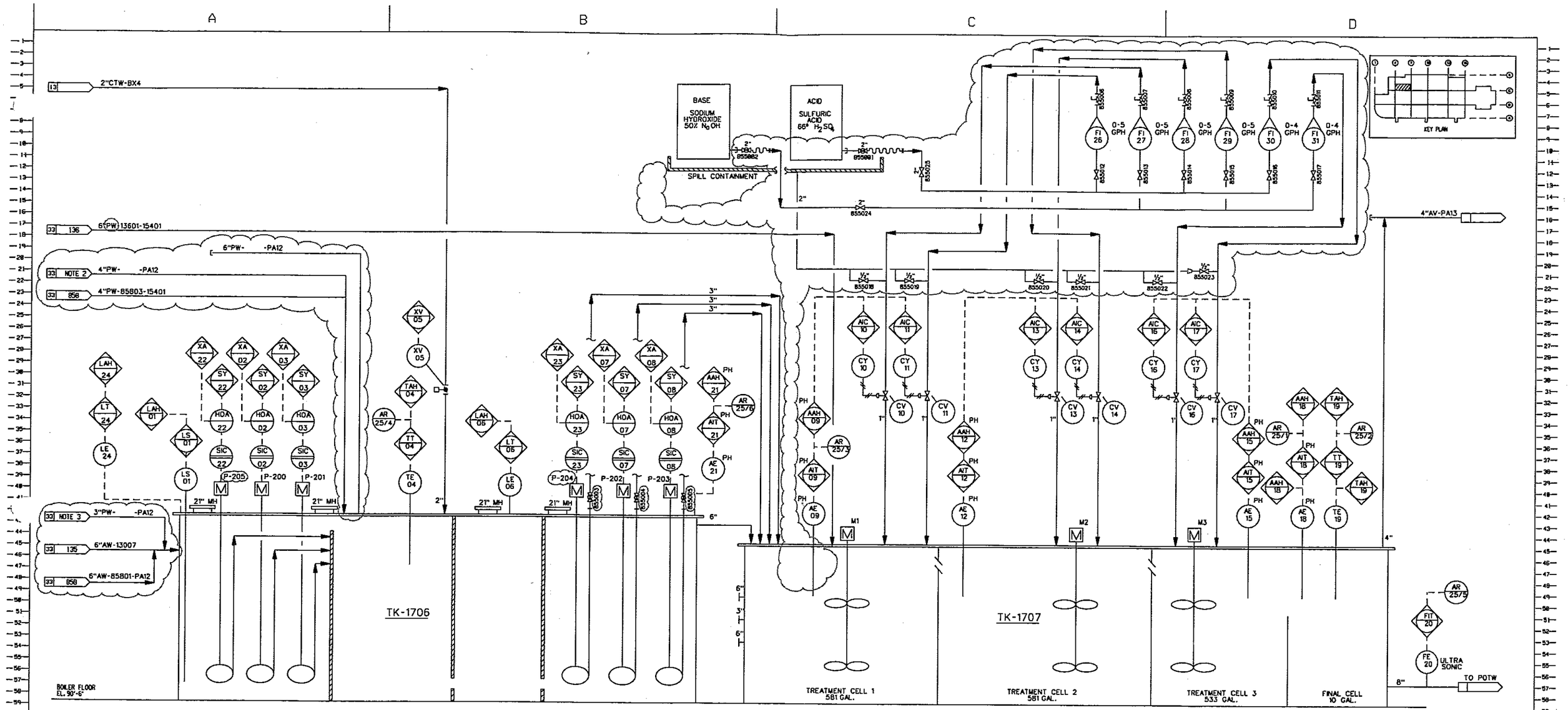

LEGEN

11	COOLING TOWER WATER SUPPLY	19	PROCESS CHILLED GLYCOL SUPPLY	27	PLANT STEAM - 15 PSIG	35	COMPRESSED AIR
12	COOLING TOWER WATER RETURN	20	PROCESS CHILLED GLYCOL RETURN	28	BOILER STEAM - 125 PSIG	36	NITROGEN
13	CITY WATER	21	PROCESS CHILLED WATER SUPPLY	29	PLANT STEAM - 50 PSIG	37	OXYGEN
14	USP WATER	22	PROCESS CHILLED WATER RETURN	30	CLEAN STEAM	38	CARBON DIOXIDE
15	DEIONIZED WATER	23		31	CONDENSATE RETURN	39	NATURAL GAS
16	WATER FOR INJECTION	24		32	TO DECONTAMINATION SYSTEM	40	TO PLANT VACUUM SYSTEM
17		25		33	TO WASTE WATER DISPOSAL SYSTEM	41	PROCESS AIR
18		26	PLANT STEAM - 48 PSIG	34	EMERGENCY VENT	42	TO ATMOSPHERE

43	CLEAN-IN-PLACE SUPPLY	53		
44	CLEAN-IN-PLACE RETURN	54		
45	TO TRANSFER CONNECTION	55		
46	FROM TRANSFER CONNECTION	56		
47	PROCESS TRANSFER LINE			
48				
49				
50				

NOTES:

1. ALL PIPING SCH 80 CPVC, SOLVENT WELDED NO THREADED CONNECTIONS OR UNIONS.
2. FROM FUTURE YELLOW ZONE RISERS.
3. FROM SINK ON MEZZANINE LEVEL BY CONTROL ROOM.
4. THE WASTE WATER DISPOSAL SYSTEM IS A NON-GMP UTILITY, SO THE AS-BUILT STATUS OF THE DRAWING IS NOT DRAWING IS NOT REQUIRED TO BE MAINTAINED.

TAG NUMBER	P-200	P-201	P-202	P-203	P-204	P-205	TK-1706	TK-1707
EQUIPMENT NAME							WASTE EQUALIZATION TANK	PH ADJUSTMENT TANK
SIZE							4900 GAL CAP FULL	4900 GAL CAP FULL
TYPE							PP - MATERIAL	PP - MATERIAL
MOC (INNER/OUTER							DES.TEMP - 0 PSIG/212°F	DES.TEMP - 0 PSIG/212°F
RATING	200 GPM @ 10'	200 GPM @ 10'	200 GPM @ 10'	200 GPM @ 10'	200 GPM @ 10'	200 GPM @ 10'	OP.TEMP - 0 PSIG/150°F	OP.TEMP - 0 PSIG/150°F
ADDITIONAL	PUMP TEMP - AMB	PUMP TEMP - AMB	PUMP TEMP - AMB	PUMP TEMP - AMB	PUMP TEMP - AMB	PUMP TEMP - AMB		
ADDITIONAL	MATERIAL - CAST	MATERIAL - CAST	MATERIAL - CAST	MATERIAL - CAST	MATERIAL - CAST	MATERIAL - CAST		

LAST VALVE NO. USED: 855025
LAST SP. NO. USED:
LAST INSTRUMENT NO. USED: 855531
VALVE NO. DELETED:

SP. NO. DELETED:
INSTRUMENT NO. DELETED:
LAST LINE NO. USED:
LINE NO. DELETED:

REV NO	DATE	BY	APPROVED BY	DESCRIPTION
3	12-01	MAC/CMC	AK,KW,DS,DW	AS-BUILT E-102496
2	12-99		WR,PS,JF	AS-BUILT
1	10-96		DW,BD,PS,WM	ISSUED FOR APPROVAL

SIGNATURE	TITLE	DATE

TITLE: WASTE WATER DISPOSAL SYSTEM

SHEET 1 OF 1

LOCATION: WORCESTER, MA. CLASSIFICATION: PIPING AND INSTRUMENT DIAGRAM

SCALE: NONE

DRAWN BY: D. BENEVIDES 10/7/96

DRAWING NUMBER: 7014-02-855 REV NO: 3

ABBOTT BIORESEARCH CENTER

SITE | LOCATION | TYPE | GROUP | DRAWING

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