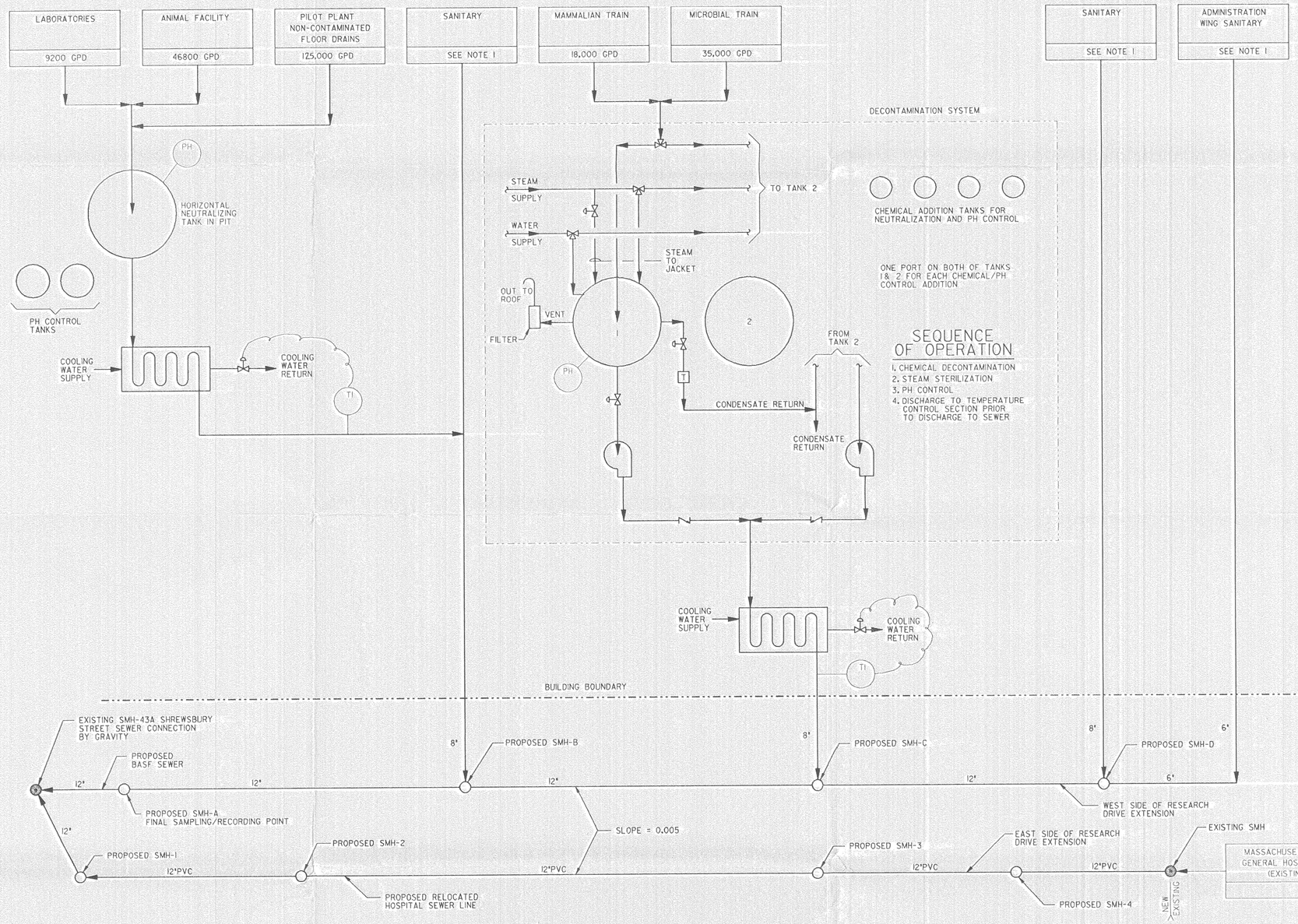


SEQUENCE OF OPERATION

1. CHEMICAL DECONTAMINATION
2. STEAM STERILIZATION
3. PH CONTROL
4. DISCHARGE TO TEMPERATURE CONTROL SECTION PRIOR TO DISCHARGE TO SEWER

SEWER SYSTEM SCHEMATIC

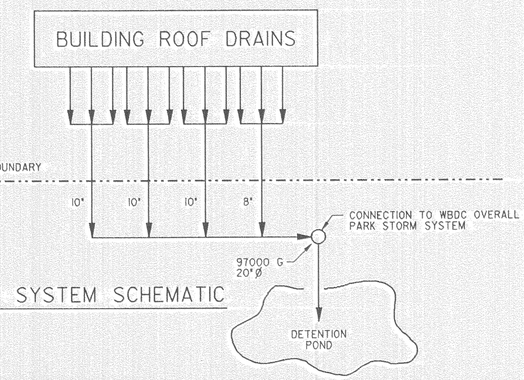
NOT TO SCALE

NOTES;

1. TOTAL SANITARY FLOW IS 16000 GPD.
2. TOTAL FLOW FROM PROPOSED BASF SEWER IS 250,000 GPD.
3. AS PER MASSACHUSETTS CODE, SEWER DISCHARGE: PH TO BE MAINTAINED BETWEEN 6 AND 9. TEMPERATURE TO BE LESS THAN 150°F.
4. ALL FLOW IS BY GRAVITY UNLESS OTHERWIUSE NOTED.
5. NEUTRALIZING AND DECONTAMINATION TANKS 1 AND 2 AREAGITATED.
6. ALL WASTE PIPING FROM THE MAMMALIAN AND MICROBIAL TRAINS TO THE DECONTAMINATION SYSTEM TO BE 316L STAINLESS STEEL. ALL OTHER PIPING TO BE POLYPROPYLENE.

LEGEND

- DIVERTING VALVE
- CONTROL VALVE
- CHECK VALVE
- PUMP
- NEW MANHOLE
- EXISTING MANHOLE
- STEAM CONDENSATE TRAP
- TEMPERATURE INDICATOR
- PH INDICATOR



STORM SYSTEM SCHEMATIC

REV.	DATE	APPROVED	DESCRIPTION	REV.	DATE	APPROVED	DESCRIPTION
	-						

DRAWN BY BERNASCONE
DATE 06-05-90
CHECKED BY
DATE -

APPROVALS: PROC.ENGR. / PROC.ENGR.ASSOC. / INSTR.ENGR. / PROJ.ENGR. / PROJ.MGR. / MGR.PROJ.ENG. / MFG.REP.

TITLE PIPING AND INSTRUMENT DIAGRAM (P+ID)
SEWER/STORM SCHEMATIC

SHEET ___ OF ___

PLANT BBC
PLANT NO.
SECTION
WORKS
PROJ. NO. 791-004
APPRO. NO. 7014

CLASSIFICATION FLOW DIAGRAM

DRAWING NUMBER -02-
REV. NO.

BASF Corporation

THIS DRAWING AND DESIGN INCLUDING, BUT NOT LIMITED TO ALL PATENTABLE FEATURES SEPARATELY OR COLLECTIVELY SHOWN ARE THE PROPERTY OF BASF CORPORATION AND ARE NOT TO BE REPRODUCED IN WHOLE OR PART, NOR EMPLOYED FOR ANY PURPOSE OTHER THAN SPECIFICALLY PERMITTED IN WRITING BY BASF CORPORATION. THIS DRAWING IS LOANED SUBJECT TO RETURN ON DEMAND.

ZF1:[100,143]PATEL1 .R1