

AREA S – BIOREACTORS

AREA S – SECONDARY CLARIFIERS

AREA F – FERMENTERS

AREA T – DAF THICKENERS

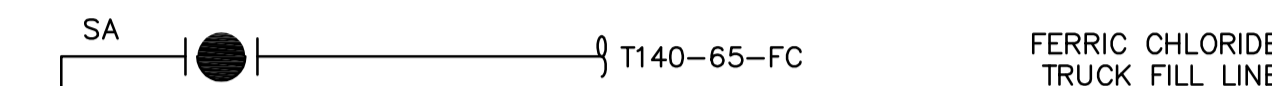
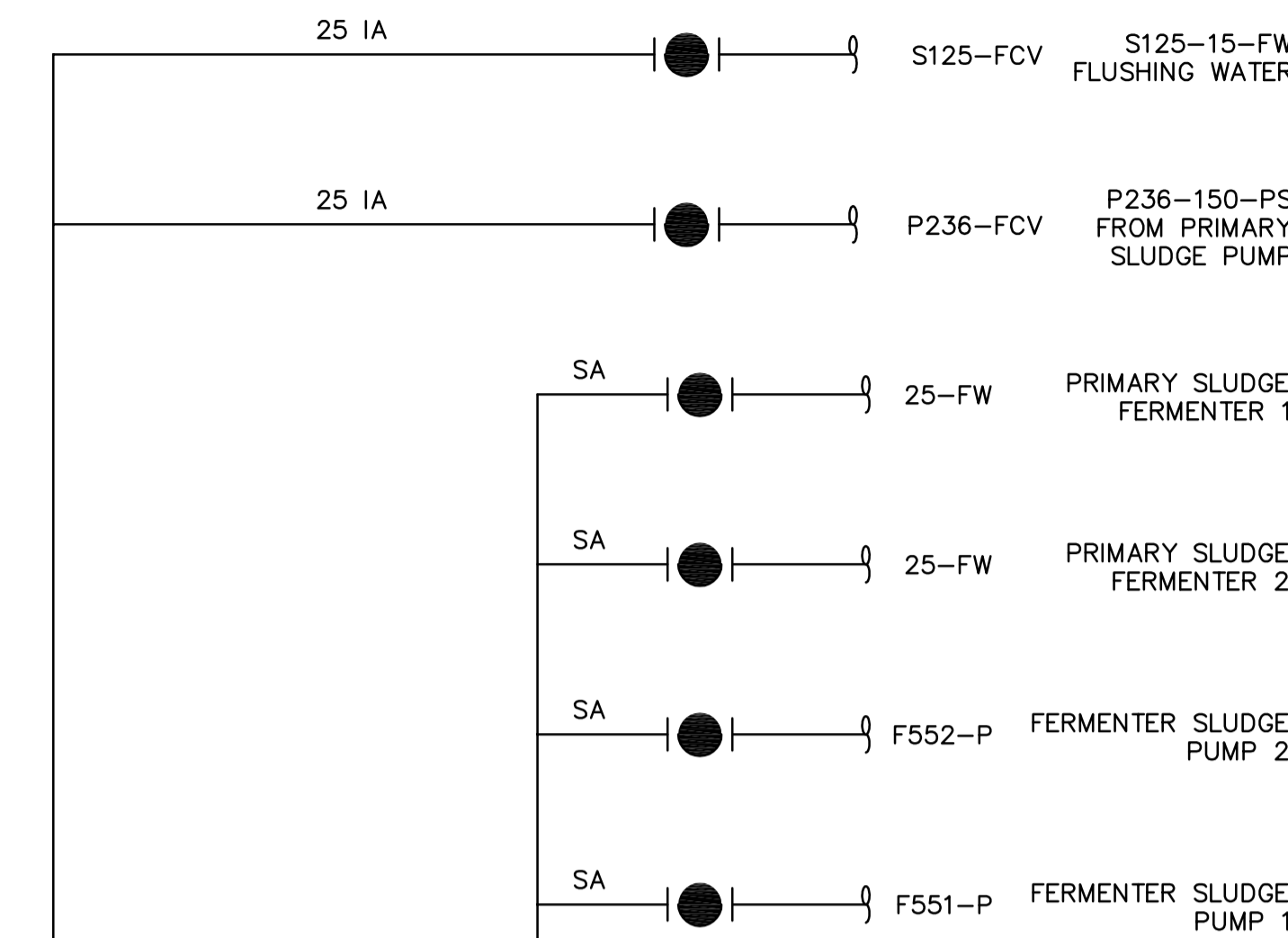
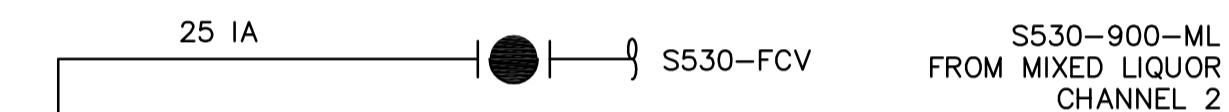
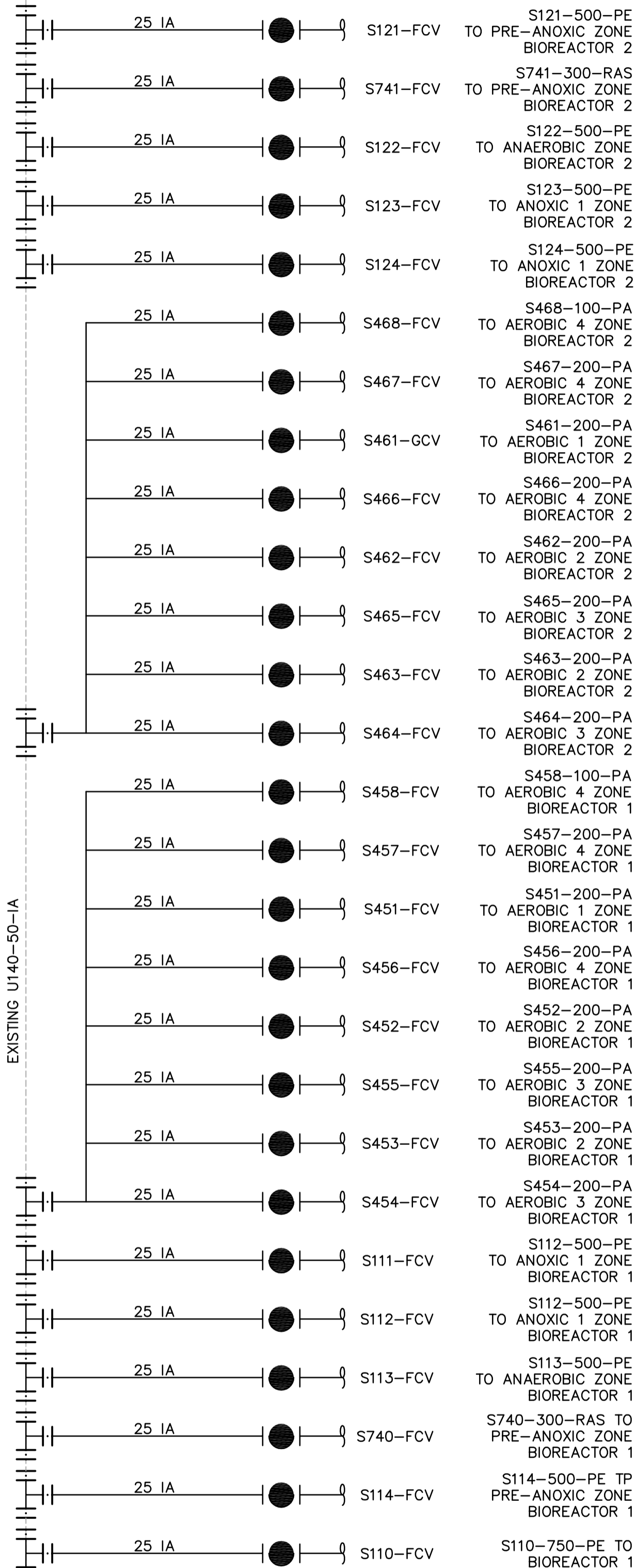
FROM EXISTING INSTRUMENT AIR
INSTRUMENT AIR SYSTEM

EQUIPMENT SERVED NOTES

EQUIPMENT SERVED NOTES

EQUIPMENT SERVED NOTES

EQUIPMENT SERVED NOTES



AREA P – PRIMARY CLARIFIERS

AREA H – HEADWORKS

EQUIPMENT SERVED NOTES

EQUIPMENT SERVED NOTES



NOTES:

1. THIS DRAWING SCHEMATICALLY INDICATES THE INSTRUMENT AIR SYSTEM AND SERVICE AIR SYSTEM.
2. SERVICE PIPING IS SHOWN ON THIS DRAWING TO THE VICINITY OF THE EQUIPMENT BEING SERVED.
3. REFER TO THE PROCESS AND INSTRUMENTATION DIAGRAMS FOR THE CONTINUATION OF THE SERVICE PIPING BEYOND THE POINTS SHOWN ON THIS DRAWING. REFER ALSO TO PROCESS STANDARD DRAWINGS. PROVIDE ALL PIPING, FITTINGS, VALVES ETC. TO PROVIDE A COMPLETE AND OPERATIONAL SERVICE PIPING SYSTEM.
4. WHEREVER POSSIBLE, SERVICE PIPING HAS BEEN INDICATED ON THE PROCESS/MECHANICAL DRAWINGS. HOWEVER, BECAUSE SOME OF THE PIPING, FITTINGS AND VALVING IS SMALL IN SIZE, NO ATTEMPT HAS BEEN MADE TO INDICATE THE COMPLETE SYSTEMS IN THE PROCESS/MECHANICAL DRAWINGS. REFER TO STANDARD PROCESS/MECHANICAL AND INSTRUMENTATION DRAWINGS FOR ADDITIONAL INFORMATION.
5. VALVES ON THE SERVICE PIPING SYSTEM SHALL BE LOCATED IN THE FIELD.

EXISTING 50 IA TO SECONDARY CLARIFIERS

EXISTING 50 IA TO PRIMARY CLARIFIERS AND HEADWORKS

EXISTING 50 IA
EXISTING INSTRUMENT AIR SYSTEM



B.M. ELEV.		<p>A Tyco International Ltd. Company</p>		ENGINEER'S SEAL		<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION</p>	
				ORIGINAL SIGNED BY J.E. HUTCHISON			
		DESIGNED BY: CL		CHECKED BY: KM		CITY FILE NUMBER	
		DRAWN BY: PJY		APPROVED BY: JEH		SHEET OF	
		HOR. SCALE: NONE		RELEASED FOR CONSTRUCTION BY: J. VEILLEUX		CITY DRAWING NUMBER	
00 ISSUED FOR TENDER		06/04/26 SRP		DATE: 2006/01/26		DATE: 2006/04/26	
NO. REVISIONS		DATE		DATE		CONSULTANT DRAWING NO. LP3.02	
						WEWPCB BIOLOGICAL NUTRIENT REMOVAL UPGRADE CONTRACT 3	
						PROCESS AREA L – GENERAL & SITEWORKS INSTRUMENT/SERVICE AIR SCHEMATIC	