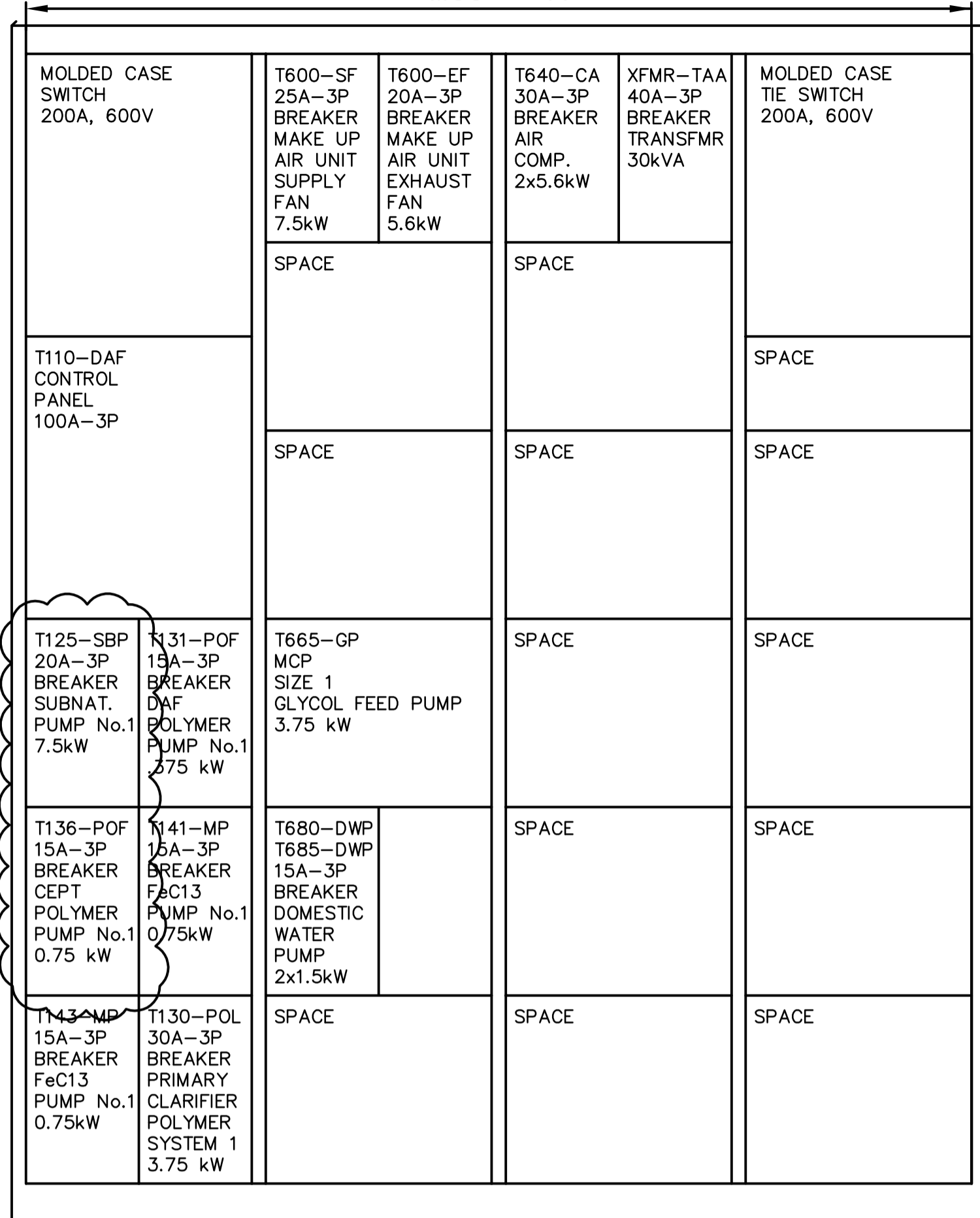
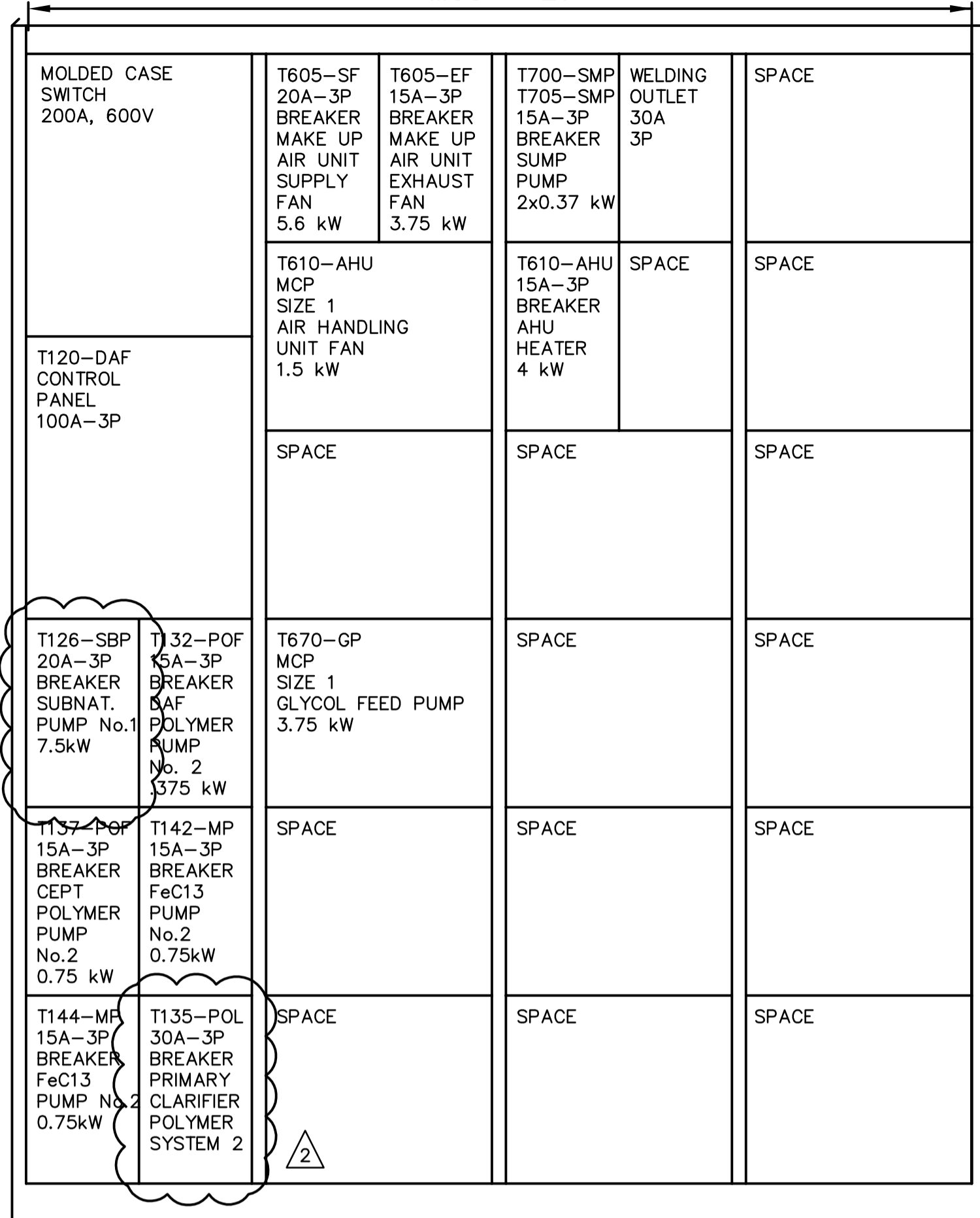


**MCC - 1T**



**MCC - 2T**



PANEL SCHEDULE										
PANEL TAA										
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
Lighting - DAF	15	1	*				2	15	3HP	Overhead Door Opener
Lighting - DAF	15	3	*				4	3P	3/C#12	
Lighting - Polymer	15	5	*				6			
Lighting - Ferric Chloride Area	15	7	*				8	15	3HP	Overhead Door Opener
Lighting - Electrical Room	15	9	*				10	3P	3/C#12	
Lighting - Mechanical Room	15	11	*				12			
Lighting - Exterior	15	13	*				14	20		Overhead Crane
Lighting - Exterior	15	15	*				16	3P	3/C#10	
Spare		17	*				18			Space
Spare		19	*				20			Space
Spare		21	*				22			Space
Spare		23	*				24			Space
Spare		25	*				26			Space
Spare		27	*				28			Space
Spare		29	*				30			Space
Spare		31	*				32			Space
Spare		33	*				34			Space
Spare		35	*				36			Space
Spare		37	*				38	60A	45kVA	Transformer XFMR-TA
Spare		39	*				40	3P		3/C#6
Spare		41	*				42			

Voltage: 347/600V/3Ø/4W Feeder: 3/C #8  
Mains: 225A Main Breaker: N/A  
Location: DAF Electrical Room Power Source: XFMR-TAA  
Mounting: Surface

PANEL SCHEDULE										
Panel TA										
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
Receptacle	2	15	1	*			2	15		Receptacle - BMS
Receptacle	2	15	3	*			4	15		Receptacle
Receptacle	3	15	5	*			6	15		Receptacle
Receptacle	3	15	7	*			8	20		Condensing Unit T630-CU
Receptacle	3	15	9	*			10	3P		
Receptacle	3	15	11	*			12			
Receptacle - Glycol Feed Tank	15	13	*				14			Spare
Natural Gas Boiler T650-GH	20	15	*				16	15		Hot Water Unit Heater T615-UH
Natural Gas Boiler T655-GH	20	17	*				18	3P		
T111-MD1, T112-MD1	15	19	*				20			
T600-MD1, T600-MD2	15	21	*				22	15		Hot Water Unit Heater T620-UH
T610-MD1, T610-MD2	15	23	*				24	3P		
Control valves T600 and T605-MUA	15	25	*				26			
Flow Transmitter T131-FIT	15	27	*				28	15		Flow Transmitter T132-FIT
Flow Transmitter T127-FIT	15	29	*				30	15		Flow Transmitter T136-FIT
Level Transmitter T111-LIT	15	31	*				32	15		Level Transmitter T121-LIT
Level Transmitter T140-LIT	15	33	*				34	15		Spare
Spare	15	35	*				36	15		Spare
Spare	15	37	*				38	-		Space
Spare	15	39	*				40	-		Space
Spare	15	41	*				42	-		Space

Voltage: 120/208V/3Ø/4 wire Feeder: 3/C#2/0  
Mains: 225A Main Breaker: N/A  
Location: DAF Electrical Room 202 Power Source: Transformer XFMR-TA  
Mounting: Surface

**DRAWING NOTES**

- MOTOR CONTROL CENTRES 1T & 2T
- DAF T110 - SINGLE POWER CONNECTION TO PACKAGE UNIT SUPPLIED BY DIVISION 11. DIVISION 11 TO PROVIDE VFD FOR DAF SKIMMER DRIVE. WIRE AND CONNECTION TO CONTROL PANEL BY DIVISION 16.
  - DAF T120 - SINGLE POWER CONNECTION TO PACKAGE UNIT SUPPLIED BY DIVISION 11. DIVISION 11 TO PROVIDE VFD FOR DAF SKIMMER DRIVE, WIRE AND CONNECTION TO CONTROL PANEL BY DIVISION 16.
  - PRIMARY CLARIFIER AND DAF POLYMER SYSTEMS 1 & 2 - SINGLE POWER CONNECTION TO PACKAGE UNIT SUPPLIED BY DIVISION 11. WIRE AND CONNECTION TO CONTROL PANEL BY DIVISION 16.
  - AIR COMPRESSOR T640-CA SHALL BE COMPLETE WITH STARTING EQUIPMENT PROVIDED WITH THE COMPRESSOR UNITS. DIVISION 16 TO WIRE AND CONNECT CONTROL PANEL.



B.M. ELEV.					
DESIGNED BY: GSN		CHECKED BY: PS		EarthTech A Tyco International Ltd. Company	
DRAWN BY: ERC		APPROVED BY: JEH		ENGINEER'S SEAL	
HOR. SCALE: AS NOTED		RELEASED FOR CONSTRUCTION BY: J. VEILLEUX		ORIGINAL SIGNED BY: P. STRYK	
VERTICAL SCALE:		DATE: 2005/12/19		DATE: 2006/04/26	
NO. REVISIONS		DATE		DATE	

<b>THE CITY OF WINNIPEG</b> WATER AND WASTE DEPARTMENT ENGINEERING DIVISION		CITY FILE NUMBER
<b>WEWPC</b> BIOLOGICAL NUTRIENT REMOVAL UPGRADE CONTRACT 3		SHEET OF
ELECTRICAL AREA T - DAF THICKENER BUILDING DETAILS		CITY DRAWING NUMBER