



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				
			13	*			14	20		Overhead Crane	
			15	*			16	3P		3/C#10	
			17		*		18				
			19	*			20				
			21	*			22				
			23		*		24				
			25	*			26				
			27	*			28				
			29		*		30				
			31	*			32				
			33	*			34				
			35		*		36				
			37	*			38	60A	45kVA	Transformer XFMR-TA	
			39	*			40	3P		3/C#6	
			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			
Spare		15	19	*			20				
Spare		15	21	*			22	15		Hot Water Unit Heater T620-UH	
Spare		15	23		*		24	3P			
Spare		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	
Space	-	-	37	*			38	-		Space	
Space	-	-	39	*			40	-		Space	
Space	-	-	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

- ① 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.
- ② 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.
- ③ 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.
- ④ 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		
DRAWN BY	ERC	APPROVED BY	JEH		
HOR. SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION BY:	J. VEILLEUX		
VERTICAL SCALE:					
00 ISSUED FOR TENDER	06/04/26	ERC			
NO. REVISIONS	DATE	BY	DATE	2005/12/19	



ENGINEER'S SEAL

ORIGINAL SIGNED BY
P. STRYK

2006/04/26

CONSULTANT DRAWING NO.
TE2.01



**WEWPCC
BIOLOGICAL NUTRIENT REMOVAL UPGRADE
CONTRACT 3**

ELECTRICAL
AREA T - DAF THICKENER BUILDING
DETAILS

CITY FILE NUMBER

SHEET OF

CITY DRAWING NUMBER