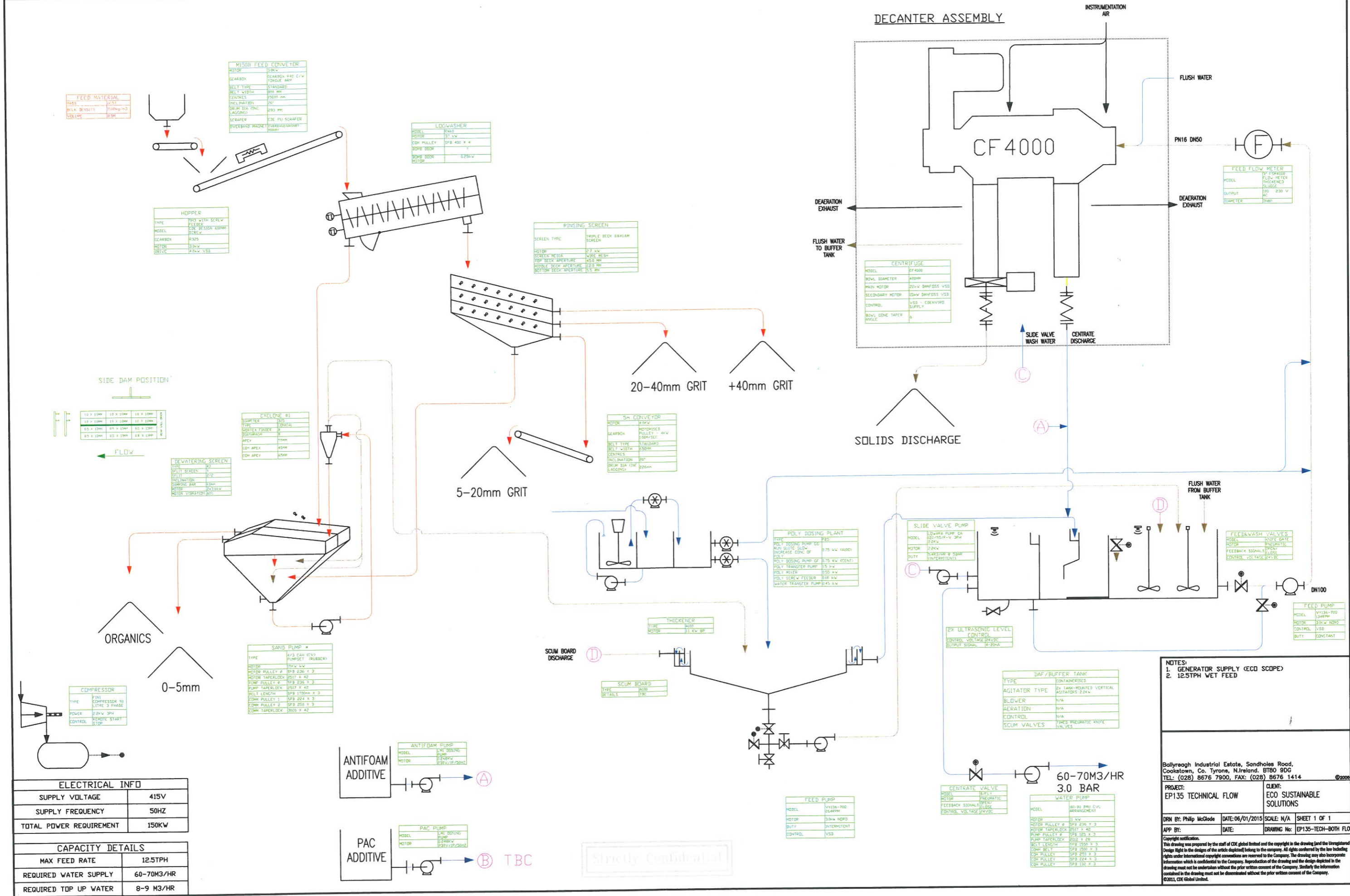


ITEM	QTY	PRODUCT	BATCH NO.



FEED MATERIAL	
MASS	12.5T
BULK DENSITY	1.45 T/M ³
MOISTURE	85%

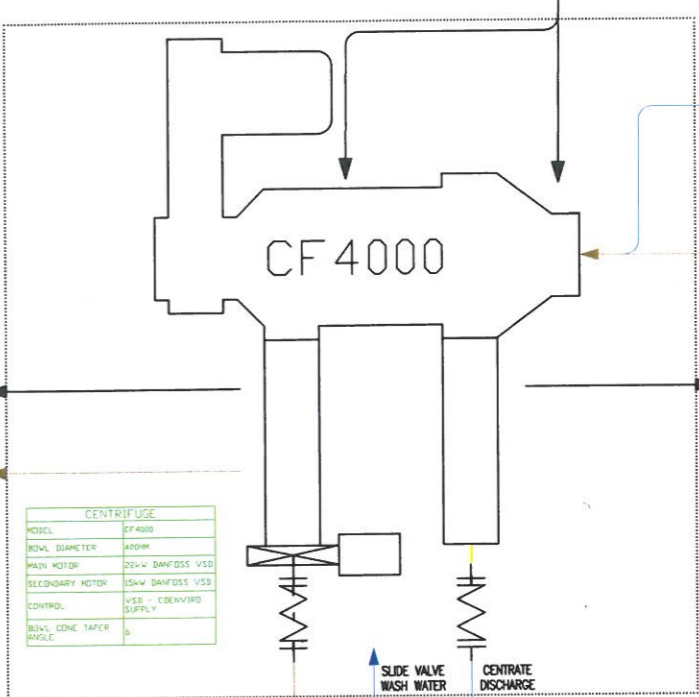
M/SOR FEED CONVEYER	
MOTOR	30KW
GEARBOX	PARSONS 845 C/W TONGUE ARM
BELT TYPE	STANDARD
BELT WIDTH	800 MM
DRUM DIA	1500 MM
DRUM DIA INC	20"
DRUM DIA TNC	293 MM
DRUM DIA TNC	293 MM
SCRAPER	CDE PU SCRAPER
OVERBOARD MADE	STAINLESS STEEL

LDC WASHER	
MODEL	1000
MOTOR	15 KW
CDM PULLEY	SFB 400 X 4
CDM BUSH	1"
CDM BUSH	0.25 KW

HOPPER	
TYPE	303 WITH SCREW FEEDER
MODEL	1000
GEARBOX	303S
MOTOR	30KW
DRIVE	4.0/1.5/3

RINSING SCREEN	
SCREEN TYPE	TRIPLE ROCK BRKIAN SCREEN
MOTOR	27 KW
SCREEN WIDTH	4.5M
TOP DECK APERTURE	45.5 MM
MIDDLE DECK APERTURE	22.5 MM
BOTTOM DECK APERTURE	12.5 MM

DECANTER ASSEMBLY



CENTRIFUGE	
MODEL	CF 4000
NOVA DIAMETER	4000MM
MAIN MOTOR	250KW DANFOSS VSD
SECONDARY MOTOR	150KW DANFOSS VSD
CONTROL	VSD CONTROL SUPPLY
NOVA CONE TAPER ANGLE	6°

SIDE DAM POSITION	
1.0 X 1.0MM	1.0 X 1.0MM
1.5 X 1.0MM	1.5 X 1.0MM
2.0 X 1.0MM	2.0 X 1.0MM
2.5 X 1.0MM	2.5 X 1.0MM
3.0 X 1.0MM	3.0 X 1.0MM

CYCLONE #1	
DIAMETER	1000
TYPE	STANDARD
MOTOR	15 KW
GEARBOX	303S
DRUM DIA	1000
DRUM DIA INC	20"
DRUM DIA TNC	293 MM
DRUM DIA TNC	293 MM

5m CONVEYER	
MOTOR	30KW
GEARBOX	PARSONS 845 C/W TONGUE ARM
BELT TYPE	STANDARD
BELT WIDTH	800 MM
DRUM DIA	1500 MM
DRUM DIA INC	20"
DRUM DIA TNC	293 MM
DRUM DIA TNC	293 MM

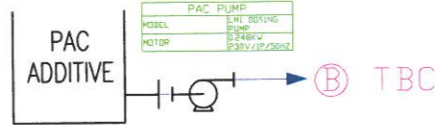
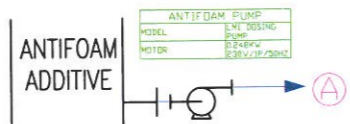
DEWATERING SCREEN	
TYPE	303 WITH SCREW FEEDER
MODEL	1000
GEARBOX	303S
MOTOR	30KW
DRIVE	4.0/1.5/3

SAND PUMP	
TYPE	1/2" CDM (EVA) PUMPSET (RUBBER)
MOTOR	15KW KW
MOTOR PULLEY #	SFB 236 X 3
MOTOR TAPERLOCK	SFB 236 X 3
PUMP PULLEY #	SFB 236 X 3
PUMP TAPERLOCK	SFB 236 X 3
BELT LENGTH	SFB 1200 X 3
CDM PULLEY 1	SFB 204 X 3
CDM PULLEY 2	SFB 258 X 3
CDM TAPERLOCK	2000 X 4E

COMPRESSOR	
TYPE	PHO COMPRESSOR 10 LITRE 3 PHASE
POWER	0.25KW 3PH
CONTROL	REMOTE START STOP

ELECTRICAL INFO	
SUPPLY VOLTAGE	415V
SUPPLY FREQUENCY	50HZ
TOTAL POWER REQUIREMENT	150KW

CAPACITY DETAILS	
MAX FEED RATE	12.5TPH
REQUIRED WATER SUPPLY	60-70M3/HR
REQUIRED TOP UP WATER	8-9 M3/HR



NOTES:
 1. GENERATOR SUPPLY (ECO SCOPE)
 2. 12.5TPH WET FEED

Ballyreagh Industrial Estate, Sandhollow Road, Cookstown, Co. Tyrone, N.Ireland. BT80 9DD
 TEL: (028) 8676 7900, FAX: (028) 8676 1414

PROJECT: EP135 TECHNICAL FLOW
 CLIENT: ECO SUSTAINABLE SOLUTIONS

DRN BY: Philip McGlade DATE: 06/01/2015 SCALE: N/A SHEET 1 OF 1
 APP BY: DATE: DRAWING No: EP135-TECH-BOTH FLOWS

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