



MH F12
EFFLUENT PUMPING STATION P801
10000 GRP
Twin Pumps (duty/standby)
Max pump rate: 5.0 l/s
Design head = 2m (TBC)
Cover level: 14.154
Invert level: 11.200
Surge Level: TBC

CONTROL PANEL, VENT PIPE, AND
DUCT ROUTE LOCATIONS BY
OTHERS (SUPPLIER), TO HAVE 24
HR STORAGE & ALARM



LOCATION AND DEPTH OF
EXISTING STREAM TO BE
CONFIRMED

DIRECT CONNECTION 1

Proposed Foul Water Outfall into Existing Ditch

Outfall 1
IL: 11.220 Outgoing 1000 (TBC)
(Contractor to confirm existing Invert level prior to commencing drainage works.)

Non-return Valve to be installed on incoming pipe.
Contractor to make good manhole construction upon completion of works.

PPIC F13
RECEPTION CHAMBER
3000 IC (Type E)
B125 LOAD CLASS
CL: 14.178
IL: 13.245

KLARGESTER
BIODISC BB
DOMESTIC SEWAGE
TREATMENT PLANT

PPIC F29
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.567
IL: 12.210

PPIC F30
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.424
IL: 11.820

PPIC F28
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.424
IL: 12.700

PPIC F10
3000 IC (Type E)
D400 LOAD CLASS
CL: 13.500
IL: 11.470

PPIC SW1
4500 IC
D400 LOAD CLASS
CL: 13.895
IL: 11.090
Type E
With 400mm Sump

PPIC F11
3000 IC (Type E)
D400 LOAD CLASS
CL: 13.610
IL: 11.385

PPIC F09
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.572
IL: 11.470

PPIC F08
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.618
IL: 11.520

PPIC F20
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.467
IL: 11.530

PPIC F21
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.508
IL: 11.510

PPIC F22
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.467
IL: 12.385

PPIC F23
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.467
IL: 12.500

PPIC F24
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.467
IL: 12.500

PPIC F25
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.467
IL: 12.715

PPIC F26
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.467
IL: 12.500

PPIC F27
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.467
IL: 12.385

PPIC F28
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.467
IL: 12.700

PPIC F29
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.567
IL: 12.210

PPIC F30
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.424
IL: 11.820

PPIC F31
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.424
IL: 11.820

PPIC F32
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.234
IL: 12.550

PPIC F33
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.193
IL: 12.390

PPIC F34
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.206
IL: 12.185

PPIC F35
3000 IC (Type E)
B125 LOAD CLASS
CL: 12.978
IL: 12.235

PPIC F36
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.222
IL: 11.900

PPIC F37
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.315
IL: 11.785

PPIC F38
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F39
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F40
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F41
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F42
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.234
IL: 12.550

PPIC F43
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.193
IL: 12.390

PPIC F44
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.206
IL: 12.185

PPIC F45
3000 IC (Type E)
B125 LOAD CLASS
CL: 12.978
IL: 12.235

PPIC F46
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.222
IL: 11.900

PPIC F47
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.315
IL: 11.785

PPIC F48
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F49
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F50
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F51
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F52
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.234
IL: 12.550

PPIC F53
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.193
IL: 12.390

PPIC F54
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.206
IL: 12.185

PPIC F55
3000 IC (Type E)
B125 LOAD CLASS
CL: 12.978
IL: 12.235

PPIC F56
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.222
IL: 11.900

PPIC F57
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.315
IL: 11.785

PPIC F58
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F59
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F60
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F61
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F62
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.234
IL: 12.550

PPIC F63
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.193
IL: 12.390

PPIC F64
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.206
IL: 12.185

PPIC F65
3000 IC (Type E)
B125 LOAD CLASS
CL: 12.978
IL: 12.235

PPIC F66
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.222
IL: 11.900

PPIC F67
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.315
IL: 11.785

PPIC F68
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F69
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F70
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F71
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F72
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.234
IL: 12.550

PPIC F73
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.193
IL: 12.390

PPIC F74
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.206
IL: 12.185

PPIC F75
3000 IC (Type E)
B125 LOAD CLASS
CL: 12.978
IL: 12.235

PPIC F76
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.222
IL: 11.900

PPIC F77
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.315
IL: 11.785

PPIC F78
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F79
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F80
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F81
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F82
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.234
IL: 12.550

PPIC F83
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.193
IL: 12.390

PPIC F84
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.206
IL: 12.185

PPIC F85
3000 IC (Type E)
B125 LOAD CLASS
CL: 12.978
IL: 12.235

PPIC F86
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.222
IL: 11.900

PPIC F87
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.315
IL: 11.785

PPIC F88
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F89
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F90
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F91
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F92
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.234
IL: 12.550

PPIC F93
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.193
IL: 12.390

PPIC F94
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.206
IL: 12.185

PPIC F95
3000 IC (Type E)
B125 LOAD CLASS
CL: 12.978
IL: 12.235

PPIC F96
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.222
IL: 11.900

PPIC F97
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.315
IL: 11.785

PPIC F98
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F99
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F100
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F101
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F102
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.234
IL: 12.550

PPIC F103
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.193
IL: 12.390

PPIC F104
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.206
IL: 12.185

PPIC F105
3000 IC (Type E)
B125 LOAD CLASS
CL: 12.978
IL: 12.235

PPIC F106
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.222
IL: 11.900

PPIC F107
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.315
IL: 11.785

PPIC F108
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F109
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F110
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F111
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F112
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.234
IL: 12.550

PPIC F113
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.193
IL: 12.390

PPIC F114
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.206
IL: 12.185

PPIC F115
3000 IC (Type E)
B125 LOAD CLASS
CL: 12.978
IL: 12.235

PPIC F116
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.222
IL: 11.900

PPIC F117
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.315
IL: 11.785

PPIC F118
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F119
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F120
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F121
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F122
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.234
IL: 12.550

PPIC F123
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.193
IL: 12.390

PPIC F124
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.206
IL: 12.185

PPIC F125
3000 IC (Type E)
B125 LOAD CLASS
CL: 12.978
IL: 12.235

PPIC F126
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.222
IL: 11.900

PPIC F127
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.315
IL: 11.785

PPIC F128
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F129
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F130
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F131
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F132
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.234
IL: 12.550

PPIC F133
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.193
IL: 12.390

PPIC F134
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.206
IL: 12.185

PPIC F135
3000 IC (Type E)
B125 LOAD CLASS
CL: 12.978
IL: 12.235

PPIC F136
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.222
IL: 11.900

PPIC F137
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.315
IL: 11.785

PPIC F138
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F139
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F140
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F141
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F142
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.234
IL: 12.550

PPIC F143
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.193
IL: 12.390

PPIC F144
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.206
IL: 12.185

PPIC F145
3000 IC (Type E)
B125 LOAD CLASS
CL: 12.978
IL: 12.235

PPIC F146
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.222
IL: 11.900

PPIC F147
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.315
IL: 11.785

PPIC F148
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F149
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F150
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F151
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.320
IL: 11.735

PPIC F152
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.234
IL: 12.550

PPIC F153
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.193
IL: 12.390

PPIC F154
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.206
IL: 12.185

PPIC F155
3000 IC (Type E)
B125 LOAD CLASS
CL: 12.978
IL: 12.235

PPIC F156
3000 IC (Type E)
B125 LOAD CLASS
CL: 13.222
IL: 11.900