A1 SIZE – 594mm x 841mm

GENERAL
DRAWING INDEX (1)

SHT. NO.	DWG. NO.	DESCRIPTION
D – GENERAL		
1	–	COVER PAGE
2	–	DRAWING INDEX (1)
3	1-0102-DDTL-A001-001	ABBREVIATIONS (1)
4	1-0102-DDTL-A001-002	ABBREVIATIONS (2) AND SYMBOLS
5	1-0102-DDTL-A001-004	AREA CODE IDENTIFICATION
6	4-0102-DDTL-AD01	DEMOLITION LEGEND AND GENERAL NOTES
C – CIVIL		
7	1-0102-CGAD-A002-001	SITE PLAN NORTH
8	1-0102-CGAD-A002-002	SITE PLAN SOUTH
9	1-0102-CGAD-A002-007	SURFACE GRADING PLAN NORTHEAST
10	1-0102-CGAD-A002-008	SURFACE GRADING PLAN EAST
11	1-0102-CGAD-A002-009	SURFACE GRADING PLAN – 66KV SUBSTATION
12	1-0102-CGAD-A002-010	SURFACE GRADING PLAN SECONDARY CLARIFIERS
13	1-0102-CGAD-A002-011	SURFACE GRADING PLAN SOUTH OF UV BUILDING
14	1-0102-CGAD-A002-012	SURFACE GRADING PLAN SOUTH OF UV BUILDING
15	1-0102-CGAD-A002-013	SURFACE GRADING PLAN EAST OF BIOREACTORS
16	1-0102-CGAD-A002-014	EXCAVATION PLAN – GRIT & SCREENINGS BUILDING
17	1-0102-CRSW-A001-001	CONSTRUCTION ACCESS ROAD NORTH– STA 1+00 TO STA 2+25
18	1-0102-CRSW-A001-002	CONSTRUCTION ACCESS ROAD NORTH – STA 2+25 TO STA 3+25
19	1-0102-CRSW-A002-001	PERIMETER ROAD NORTH – STA 1+00 TO STA 2+68.74
20	1-0102-CRSW-A002-002	PERIMETER ROAD NORTH – STA 2+68.74 TO STA 4+25
21	1-0102-CRSW-A002-003	PERIMETER ROAD NORTH – STA 4+25 TO STA 5+75
22	1-0102-CRSW-A002-004	PERIMETER ROAD NORTH – STA 5+75 TO STA 6+19.15
23	1-0102-CRSW-A003-001	PERIMETER ROAD SOUTH – STA 1+71.72 TO STA 3+50
24	1-0102-CRSW-A003-002	PERIMETER ROAD SOUTH – STA 3+50 TO STA 4+85.89
25	1-0102-CRSW-A003-003	PERIMETER ROAD SOUTH – STA 4+85.89 TO STA 6+25
26	1-0102-CRSW-A003-004	PERIMETER ROAD SOUTH – STA 6+25 TO STA 86.54
27	1-0102-CRSW-A004-001	CONSTRUCTION ACCESS ROAD SOUTH – STA 1+00 TO STA 2+00.88
28	1-0102-CRSW-A004-002	CONSTRUCTION ACCESS ROAD SOUTH – STA 2+00.88 TO STA 3+50
29	1-0102-CRSW-A004-003	CONSTRUCTION ACCESS ROAD SOUTH – STA 3+50 TO STA 4+27.02
30	1-0102-CRSW-A004-004	CONSTRUCTION ACCESS ROAD SOUTH – STA 1+00 TO STA 2+00.88
31	1-0102-CDTL-A001-001	MISCELLANEOUS DETAILS
32	1-0102-CDTL-A001-002	MISCELLANEOUS DETAILS 2
33	1-0102-CDTL-A001-003	MISCELLANEOUS DETAILS 3
34	1-0102-CDTL-A002-001	OUTFALL CHAMBERS 1 & 2 EXTENSIONS – PLANS AND SECTIONS
35	1-0102-CDTL-A002-001	OUTFALL CHAMBERS 3 & 4 EXTENSIONS – PLANS AND SECTIONS
36	1-0102-CDTL-A002-002	OUTFALL CHAMBERS 5 & 6 EXTENSIONS – PLANS AND SECTIONS
37	1-0102-CDTL-A002-003	OUTFALL CHAMBER EXTENSIONS – TYPICAL DETAILS
38	1-0102-CDTL-A002-004	OUTFALL MANHOLE EXTENSIONS – PLAN, SECTIONS AND DETAILS
39	1-0102-CDTL-A002-005	EFFLUENT MONITORING STATION FLOOD PROOFING – PLAN, SECTIONS AND DETAILS
40	1-0102-CDTL-A002-006	OUTFALL CHAMBERS – MISCELLANEOUS METALS
41	1-0102-CDTL-A002-007	LOADING RAMP RETAINING WALL DETAILS
S – STRUCTURAL		
42	1-0102-SAAA-A001	LEGEND AND GENERAL NOTES
43	1-0102-SDTL-A002	STANDARD DETAILS (1)
44	1-0102-SDTL-A003	STANDARD DETAILS (2)
45	1-0102-SDTL-A004	STANDARD DETAILS (3)
46	1-0102-SDTL-A005	STANDARD DETAILS (4)
47	1-0102-SDTL-A006	STANDARD DETAILS (5)
48	1-0102-SDTL-A007	STANDARD DETAILS (6)
49	1-0102-SDTL-A008	STANDARD DETAILS (7)
50	1-0102-SDTL-A009	STANDARD DETAILS (8)
51	1-0102-SDTL-A010	STANDARD DETAILS (9)
52	1-0102-SDTL-A011	STANDARD DETAILS (10)
53	1-0102-SDTL-A012	STANDARD DETAILS (11)
54	1-0102-SDTL-A013	STANDARD DETAILS (12)
55	1-0102-SDTL-A014	STANDARD DETAILS (13)
56	1-0102-SDTL-A015	STANDARD DETAILS (14)
57	1-0102-SDTL-A016	STANDARD DETAILS (15)
58	1-0102-SDTL-A017	STANDARD DETAILS (16)
59	1-0102-SDTL-A018	STANDARD DETAILS (17)
60	1-0102-SDTL-A025	ODOUR CONTROL DETAILS (1)
61	1-0102-SDTL-A026	ODOUR CONTROL DETAILS (2)
62	1-0102-SDTL-A027	ODOUR CONTROL DETAILS (3)
63	1-0102-SDTL-A028	ODOUR CONTROL DETAILS (4)
B – BUILDING		
64	1-0102-BAAA-A001	LEGEND AND GENERAL NOTES
65	1-0102-BDTL-A003	STANDARD DETAILS (1)
66	1-0102-BDTL-A004	STANDARD DETAILS (2)
67	1-0102-BDTL-A005	STANDARD DETAILS (3)
68	1-0102-BDTL-A006	STANDARD DETAILS (4)
P – PROCESS		
69	1-0102-PAAA-A001	LEGEND AND GENERAL NOTES
70	1-0102-PBDG-A001-001	MASS BALANCE DRAWING(1) AUGUST TO OCTOBER SCENERIO
71	1-0102-PBDG-A001-002	MASS BALANCE DRAWING(2) AUGUST TO OCTOBER SCENERIO
72	1-0102-PBDG-A001-003	MASS BALANCE DRAWING(3) NOVEMBER TO JULY SCENERIO
73	1-0102-PBDG-A001-004	MASS BALANCE DRAWING(4) NOVEMBER TO JULY SCENERIO
74	1-0102-PBDG-A001-005	MASS BALANCE DRAWING (5) INCLUDING DEWATERING NOVEMBER TO JULY SCENERIO
75	1-0102-PBDG-A001-006	MASS BALANCE DRAWING (6) INCLUDING DEWATERING NOVEMBER TO JULY SCENERIO
76	1-0102-PHYD-A003	HYDRAULIC PROFILE (1) – HEADWORKS, PRIMARY AND SECONDARY TREATMENT
77	1-0102-PHYD-A004	HYDRAULIC PROFILE (2) – HEADWORKS AND WET WEATHER TREATMENT
78	1-0102-PHYD-A005	HYDRAULIC PROFILE (3) – DISINFECTION AND OUTFALL

SHT. NO.	DWG. NO.	DESCRIPTION
79	1-0102-PPFD-A001	PROCESS FLOW DIAGRAM (1) – LIQUID STREAM
80	1-0102-PPFD-A002	PROCESS FLOW DIAGRAM (2) – BIOSOLIDS STREAM
81	1-0102-PPFD-A003	PROCESS FLOW DIAGRAM (3) – FOUL AIR STREAM
82	1-0102-PPID-A001-001	PID'S LEGEND (1)
83	1-0102-PPID-A001-002	PID'S LEGEND (2)
84	1-0102-PPID-A001-003	PID'S LEGEND (3)
85	1-0102-PDTL-A002	STANDARD DETAILS (1)
86	1-0102-PDTL-A003	STANDARD DETAILS (2)
87	1-0102-PDTL-A004	STANDARD DETAILS (3)
88	1-0102-PDTL-A005	STANDARD DETAILS (4)
89	1-0102-PDTL-A006	STANDARD DETAILS (5)
M – MECHANICAL		
90	1-0102-MAAA-A001-001	LEGEND AND GENERAL NOTES (1)
91	1-0102-MAAA-A001-002	LEGEND AND GENERAL NOTES (2)
92	1-0102-MAAA-A001-003	LEGEND AND GENERAL NOTES (3)
93	1-0102-MGAD-A002	EXISTING HYDRONIC HEATING SYSTEM
94	1-0102-MGAD-A003	FOA SYSTEM – OVERALL ROOF PLAN
95	1-0102-MDTL-A002	PLUMBING STANDARD DETAILS (1)
96	1-0102-MDTL-A003	PLUMBING STANDARD DETAILS (2)
97	1-0102-MDTL-A004	PLUMBING STANDARD DETAILS (3)
98	1-0102-MDTL-A005	HVAC STANDARD DETAILS (1)
99	1-0102-MDTL-A006	HVAC STANDARD DETAILS (2)
100	1-0102-MDTL-A007	HVAC STANDARD DETAILS (3)
101	1-0102-MDTL-A008	HVAC STANDARD DETAILS (4)
102	1-0102-MDTL-A009	HVAC STANDARD DETAILS (5)
103	1-0102-MDTL-A010	HVAC STANDARD DETAILS (6)
104	1-0102-MDTL-A011	FIRE PROTECTION STANDARD DETAILS (1)
105	1-0102-MDTL-A012	FIRE PROTECTION STANDARD DETAILS (2)
106	1-0102-MDTL-A013	FIRE PROTECTION STANDARD DETAILS (3)
E – ELECTRICAL		
107	1-0102-EAAA-A001	ELECTRICAL, LEGEND AND DETAILS
108	1-0102-ECBD-A001	ELECTRICAL, PUBLIC ADDRESS SYSTEM, EQUIPMENT RACK LAYOUT
109	1-0102-EDTL-A002-001	SECTIONS AND DETAILS, DUCT BANK AND PULLBOXES
110	1-0102-EDTL-A002-002	SECTIONS AND DETAILS, DUCT BANK AND PULLBOXES
111	1-0102-EDTL-A002-003	SECTIONS AND DETAILS, DUCT BANK AND PULLBOXES
112	1-0102-EDTL-A003	ELECTRICAL, DIRECT BURIED CABLES AND CONDUIT, DETAILS
113	1-0102-EFAS-A001	FIRE ALARM UPGRADE, LEGENDS AND DETAILS
114	1-0102-EFAS-A002	FIRE ALARM, RISER DIAGRAM
115	1-0102-EFAS-A003	FIRE ALARM, DETECTION AND NOTIFICATION CIRCUITS
116	1-0102-EGAD-A001	GENERAL ARRANGEMENT, DUCT BANK LAYOUT
117	1-0102-EGRD-A003	ELECTRICAL, GROUNDING DETAILS
118	1-0102-EGRD-A004-001	ELECTRICAL, LIGHTNING PROTECTION DETAILS
119	1-0102-EGRD-A004-002	ELECTRICAL, LIGHTNING PROTECTION DETAILS
120	1-0102-ESCH-A002	ELECTRICAL, SCHEDULE, LUMINAIRE, AND EXIT SIGNS
121	1-0102-ESLD-A002-001	SINGLE LINE DIAGRAM, OVERVIEW
122	1-0102-ESLD-A002-002	SINGLE LINE DIAGRAM, OVERVIEW
123	1-0102-EWDG-A001	ELECTRICAL, PUBLIC ADDRESS SYSTEM, WIRING DIAGRAM
124	1-0102-SGAD-A001-001	GENERAL ARRANGEMENT, DUCT BANK FOUNDATION LAYOUT
125	1-0102-SGAD-A001-002	GENERAL ARRANGEMENT, DUCT BANK FOUNDATION LAYOUT
126	1-0102-SGAD-A001-003	GENERAL ARRANGEMENT, DUCT BANK FOUNDATION LAYOUT
127	1-0102-SGAD-A002-001	DUCT BANK FOUNDATION, SECTIONS AND DETAILS
128	1-0102-SGAD-A002-002	DUCT BANK FOUNDATION, SECTIONS AND DETAILS
129	1-0102A-E0009	ELECTRICAL CLASSIFICATION UPGRADES, PARTIAL MAIN FLOOR PLAN AND LEGEND
A – AUTOMATION		
130	1-0102-AAAA-A001	AUTOMATION & NETWORK EQUIPMENT, LEGEND AND DETAILS
131	1-0102-ABDG-A001	FACILITY HMI ARCHITECTURE
132	1-0102-ABDG-AD01	EXISTING PROCESS NETWORK, DEMOLITION
133	1-0102-ADTL-A003	INSTALLATION DETAILS, FLOW INSTRUMENTS
134	1-0102-ADTL-A004	INSTALLATION DETAILS, TEMPERATURE INSTRUMENTS
135	1-0102-ADTL-A005	INSTALLATION DETAILS, LEVEL INSTRUMENTS
136	1-0102-ADTL-A006	INSTALLATION DETAILS, MISCELLANEOUS INSTRUMENTS
137	1-0102-ADTL-A007	INSTALLATION DETAILS, GAS DETECTION
138	1-0102-ADTL-A008	INSTALLATION DETAILS, PRESSURE INSTRUMENTS
139	1-0102-ADTL-A010	INSTALLATION DETAILS, MISCELLANEOUS
140	1-0102-ADTL-A011	CORDSET ASSEMBLY DETAILS, CORDSET TYPE 1
141	1-0102-ADTL-A020	PROFIBUS DP WIRING DETAILS
142	1-0102-ADTL-A021	PROFIBUS PA WIRING DETAILS
143	1-0102-ANET-A001	SUPERVISORY, CONTROL AND SERVER NETWORK OVERVIEW
144	1-0102-ANET-A002	NETWORK ROUTING PLAN, FIBRE NETWORK
145	1-0102-ANET-A005	FACILITY FIBRE ALLOCATION
146	1-0102-ANET-AD01	INFI-90 DCS PLANT LOOP, DEMOLITION
147	1-0102-ANET-AT01	SUPERVISORY, CONTROL AND SERVER NETWORK OVERVIEW – PHASE A
148	1-0102-ANET-AT02	SUPERVISORY, CONTROL AND SERVER NETWORK OVERVIEW – PHASE B
149	1-0102-ANET-AT03	SUPERVISORY, CONTROL AND SERVER NETWORK OVERVIEW – PHASE C & D
150	1-0102-ANET-AT04	SUPERVISORY, CONTROL AND SERVER NETWORK OVERVIEW – PHASE E
151	1-0102-ANET-AT05	SUPERVISORY, CONTROL AND SERVER NETWORK OVERVIEW – PHASE F

SHT. NO.	DWG. NO.	DESCRIPTION