

SCHEDULE 8 - DESIGN

Part 1

Final Design Data

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
		ECODECO DRAWINGS						
A	Engineering Drawing	C066-BDR-000- AB009-R05 BDR-ED-CE-DWG- 006	CFT FLOOR LEVEL PLAN	05	Plans and sections of the ITS Facility.	+/- 0.5m	+/-1m	N/A
B	Engineering Drawing	C066-BDR-000- AB010-R04 BDR-ED-CE-DWG- 007	CFT Roof Level Plan	04				
C	Engineering Drawing	C066-BDR-000- AB011-R03 BDR - ED - EQ - DWG - 011	CFT Delivery Points	03				

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D	Process Flow	C066-BDR-000-AS001-R11 BDR-ED-EQ-DWG-001	CFT Expected Material Flow Diagram	11	Schematic representation of material flows through the ITS Facility.	N/A	N/A	N/A
E	Engineering Specification	C066-BDR-000-AS004-R02 BDR-ED-EQ-SPC-002	CFT EcoDeco ITS Design Philosophy	02	Ecodeco	N/A	N/A	Change of equipment supplier for sub-components permissible to an equal or equivalent supplier
F	Engineering Specification	C066-BDR-000-AS005-R02 BDR-ED-EQ-SPC-004	CFT General Design Standards	02	Ecodeco	N/A	N/A	Change of equipment supplier for sub-components permissible to an equal or equivalent supplier
G	Engineering Procedure	C066-BDR-000-AS006-R03 BDR-ED-EQ-SPC-006	CFT Commissioning and Testing Procedures	03				

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H	Quality Management System	C066-BDR-000-AS007-A1	Ecodeco Quality Management System Annex 1					
I	Quality Management System	C066-BDR-000-AS007-A2	Ecodeco Quality Management System Annex 2					
J	Quality Management System	C066-BDR-000-AS007-A3	Ecodeco Quality Management System Annex 3					
K	Quality Management System	C066-BDR-000-AS007-A4	Ecodeco Quality Management System Annex 4					
L	Quality Management System	C066-BDR-000-AS007-A5	Ecodeco Quality Management System Annex 5					
M	Quality Management System	C066-BDR-000-AS007-R03 BDR-ED-EQ-SPC-008	CFT EcoDeco Quality Management System	03				

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N	Interface Document	C066-BDR-000-AS011-R03 BDR-ED-PM-SPC-001	CFT Battery Limits Diagram	03				
O	Engineering Drawing	C066-BDR-000-AZ009-R04 BDR-ED-CE-DWG-008	CFT Sections	04				
P	Process and Instrumentation	C066-BDR-000-MA002-R06 BDR-ED-EQ-DWG-007	CFT Equipment Layout-List	06	List and layout of all major equipment items in the ITS Facility.	N/A	+/- 5m	Equipment to the same specification
Q	Engineering Drawing	C066-BDR-03B-AW001-R02 BDR-ED-CE-DWG-001	CFT Refinement Section – Loads Conveyor Fine Composting	02				
R	Engineering Specification	C066-BDR-04A-CS001-R03 BDR-ED-SE-SPC-001	CFT Loads and Technical Specifications for Civil Works	03				

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S	Engineering Drawing	C066-BDR-04N-AA001-R01 BDR-ED-CE-DWG-005	CFT Fabricate 1 and 2	01				
T	Engineering Drawing	C066-BDR-08A-sh01-MA001-R01 BDR-ED-ME-DWG-004	CFT Shredder Bridge Layout	01				
U	Engineering Drawing	C066-BDR-09Z-MA002-R02 BDR-ED-ME-DWG-002	CFT Refinement Section – Plan and 3D view	02				
V	Process and Instrumentation	C066-BDR-09Z-MA003-R06 BDR-ED-ME-DWG-005	CFT Refinement Section Equipment Layout-List	06	List and layout of all major equipment items in the ITS Facility.	N/A	+/- 5m	Equipment to the same specification

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W	Engineering Specification	C066-BDR-10A- AS001-R03 BDR-ED-EQ-SPC-007	CFT Biofilter Material Specification	03				
X	Engineering Drawing	C066-BDR-13Z- EA001-R03 BDR-ED-EE-DWG- 001	CFT Power Distribution Schematic	03				
Y	Engineering Drawing	C066-BDR-13Z- EW001-R02 BDR-ED-EE-RPT-001	CFT Electric Load List	02				
X	Engineering Drawing	C066-BDR-16A- EA001-R02 BDR-ED-EE-DWG- 002	CFT Control System Schematic	02				
AA	Engineering Specification	C066-BDR-17B- AS001-R05 BDR-ED-EQ-SPC-003	CFT Fire Protection Strategy	05				

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
AB	Engineering Drawing	C066-BDR-17F-AA001-R03 BDR-ED-EQ-DWG-010	CFT Leachate Collection System	03	Design for the leachate collection system in the ITS Facility.	N/A	N/A	N/A
AC	Engineering Specification	C066-BDR-17F-AS001-R02 BDR-ED-EQ-SPC-010	CFT Leachate Collection Specification	02				
AD	Health and Safety Document	C066-BDR-25A-CT001-R02 BDR-ED-EQ-SPC-006	CFT Health and Safety Management	02				
		STUDIO E DRAWINGS						

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
AE	Architectural Drawing	1243-PL-001	ITS SITE PLAN	A	Plan showing the proposed layout of the ITS Facility. There are shadows from the buildings shown on this drawing. The shadows from the fines composting building go over the greenbelt boundary. The fines composting building lies completely outside the greenbelt.	N/A	0m in any direction to process buildings. Complete flexibility to move peripheral processing structures (e.g. water tank, fuel tank) equipment and utility connection points.	N/A
AF	Architectural Drawing	1243-PL-002	Site Roof Plan	A				
AG	Architectural Drawing	1243-PL-003	ITS Ground Plan	0	Plan of the proposed ITS Facility showing the location of significant items of process equipment.	N/A	5m in any direction to process buildings. Complete flexibility to move peripheral processing structures (e.g. water tank, fuel tank) equipment and utility connection points.	N/A

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
AH	Architectural Drawing	1243-PL-004	Site Sections	0	Sections through the ITS Facility indicating heights of the component buildings.	+/- 0m in all processing buildings	N/A	N/A
AI	Architectural Drawing	1243-PL-005	Site Section A	0	Sections through the ITS Facility indicating heights of the component buildings.	+/- 0m in all processing buildings	N/A	N/A
AJ	Architectural Drawing	1243-PL-006	Site Section B	0	Sections through the ITS Facility indicating heights of the component buildings.	+/- 0m in all processing buildings	N/A	N/A
AK	Architectural Drawing	1243-PL-007	ITS SE Elevations	0	Elevations of the structures making up the ITS Facility and the fines composting building. There is also an elevation indicating the screening provided by the trees on the eastern side of the side between the ITS Facility and the footpath.	+/- 0m in all processing buildings	N/A	N/A

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
AL	Architectural Drawing	1243-PL-008	ITS SW, NE, NW Elevations	0	Elevations of the structures making up the ITS Facility and the fines composting building. There is also an elevation indicating the screening provided by the trees on the eastern side of the side between the ITS Facility and the footpath.	+/- 0m in all processing buildings	N/A	N/A
AM	Architectural Drawing	1243-PL-009	ITS & AD Roof Plan	0				
AN	In Reviewable Items List	1243-PL-010	Visitor Admin Plans	0	Layouts for the ground and first floors of the proposed visitor centre and administration building.			
AO	In Reviewable Items List	1243-PL-011	Visitor Admin Elevations	0	Elevations of the visitor centre and administration building.			
AP	Architectural Drawing	1243-PL-012	AD Elevations	A				

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
AQ	Architectural Drawing	1243-PL-013	Workshop Elevations	0				
AR	In Reviewable Items List	1243-PL-014	Gatehouse Elevations	0	Plans and elevations of the weighbridges and weighbridge administration building			
AS	Architectural Drawing	1243-PL-015	Sub-station Elevations	0				
AT	Architectural Drawing	1243-PL-016	3D Visuals	A				
		MOUCHEL DRAWNGS						
AU	Engineering Drawing	787433/100	TIPPING SHED STEELWORK – GROUND FLOOR PLAN AND ELEVATION – REFER TO MARK UP	H				

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
AV	Engineering Drawing	787433/101	Tipping Shed Steelwork – Roof Plan	G				
AW	Engineering Drawing	787433/102	Biodrying Hall Steelwork – Ground Floor Plan and Elevation	G				
AX	Engineering Drawing	787433/103	Biodrying Hall Steelwork – Roof Plan	G				
AY	Engineering Drawing	787433/104	Refinement Area Steelwork – Ground Floor Plan and Elevation	E				
AZ	Engineering Drawing	787433/105	Refinement Area Steelwork – Roof Plan	G				

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
BA	Engineering Drawing	787433/106	Foul Water Drainage Layout	F				
BB	Engineering Drawing	787433/107	Surface Water Drainage Layout	J				
BC	Engineering Drawing	787433/110	Typical Details	F				
BD	Engineering Drawing	787433/111	Biodrying Hall – Precast Wall Units Layout and Details	D				
BE	Engineering Drawing	787433/112	Tipping Shed – Foundation Details	D				
BF	Engineering Drawing	787433/113	Biodrying Hall – Foundation Details	K				
BG	Engineering Drawing	787433/114	Refinement Area – Foundation Details	D				

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
BH	Engineering Drawing	787433/115	Hardstanding and Grasscrete Areas	G				
BI	Engineering Drawing	787433/116	MSW Reception Pit – Foundation Details	E				
BJ	Engineering Drawing	787433/117	Control Room Steelwork – Floor, Roof Plans and Elevation Sheet 1 of 2	C				
BK	Engineering Drawing	787433/118	Administration Building – Grid Setting out and Piling Layout	B				
BL	Engineering Drawing	787433/119	Administration Building – Pilecap Layout and Details	B				

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
BM	Engineering Drawing	787433/120	Administration Building – Steelwork-Column and Baseplate Details	B				
BN	Engineering Drawing	787433/121	Administration Building – Steelwork-First Floor Plan	C				
BO	Engineering Drawing	787433/122	Administration Building – Steelwork-Roof Plan	B				
BP	Engineering Drawing	787433/123	Administration Building – Steelwork – Elevations	C				

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
BQ	Engineering Drawing	787433/124	Administration Building – Ground Floor Beam and Slab Layout	B				
BR	Engineering Drawing	787433/131	Leachate Drainage Layout	D				
BS	Engineering Drawing	787433/132	External Works Details Sheet 1	B				
BT	Engineering Drawing	787433/133	External Works Details Sheet 2	C				
BU	Engineering Drawing	787433/134	Drainage Details	B				
BV	Engineering Drawing	787433/135	Hydrobrake Chamber Details	B				
BW	Engineering Drawing	787433/136	Storage Lagoon Outfall Headwall Details	B				

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
BX	Engineering Drawing	787433/137	Watercourse Outfall Headwall Details	B				
BY	Engineering Drawing	787433/138	Outfall Headwall Reinforcement Details	B				
BZ	Engineering Drawing	787433/141	Biodrying Hall Steelwork – Plan at Crane Gantry Level	C				
CA	Engineering Drawing	787433/142	External Works Layout	D				
CB	Engineering Drawing	787433/143	Leachate Collection Sump and Inspection Gulley Details	B				

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
CC	Engineering Drawing	787433/145	Miscellaneous Steelwork Details – Refer to Mark Up	D				
CD	Engineering Drawing	787433/146	Control Room Steelwork - Floor, Roof Plans and Elevation Sheet 2 of 2	C				
CE	Engineering Drawing	787433/147	Control Room - Foundation Details	C				
CF	Engineering Drawing	48761/118	Truck Wheel Guides (As detailed for Dumfries & Galloway PFI)					
		FROG ISLAND DRAWINGS						

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
CG	Engineering Drawing	F12/MCL/2129	SURFACE WATER PUMPING STATION GENERAL ARRANGEMENT	B				
CH	Engineering Drawing	F12/MCL/2263	Surface Water Pumping Station Details	E				
CI	Engineering Drawing	F12/MCL/GA/2264	Foul Water Pumping Station Details	C				
CJ	Engineering Drawing	F12/MCL/2265	Drainage Details Sheet 3	A				
		MOUCEL ACCESS ROAD DRAWINGS						

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
CK	In Reviewable Items List	BDR/BM/CE/DWG/50 01	BOLTON ROAD PROPOSED FOOTPATH AND MAINTENANCE TRACK	3	Preliminary design of the footpath, culvert crossing and maintenance access slope to the Hound Hill Dyke			
		JENKINS LANE DRAWINGS						
CL	Engineering Drawing	JL4/MCL/2070	SUBSTATION FOUNDATION GENERAL ARRANGEMENT	E				
CM	Engineering Drawing	JL4/MCL/2410	Substation Foundation Reinforcement Details	C				
		MOUCHEL MEP DRAWINGS						

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
CN	Engineering Drawing	1030876-EL-101	VISITOR CENTRE & ADMIN BUILDING – SMALL POWER LAYOUT	P3				
CO	Engineering Drawing	1030876-EL-102	Tipping Shed – Small Power Layout	P2				
CP	Engineering Drawing	1030876-EL-103	Refinement Section – Small Power Layout	P3				
CQ	Engineering Drawing	1030876-EL-105	Proposed Plant/Control Room – Small Power Layout	P4				
CR	Engineering Drawing	1030876-EL-106	Visitor Centre & Admin Building – Containment Layout	P2				

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
CS	Engineering Drawing	1030876-EL-107	Visitor Centre & Admin Building – Lighting Layout	P2				
CT	Engineering Drawing	1030876-EL-108	ITS Plant Lighting Layout	P2				
CU	Engineering Drawing	1030876-EL-109	Proposed Plant/Control Room – Lighting Layout	P3				
CV	Engineering Drawing	1030876-EL-110	Gatehouse Lighting Layout	P2				
CW	Engineering Drawing	1030876-EL-111	Site Infrastructure Security External Lighting Services	P5				
CX	Engineering Drawing	1030876-EL-112	Visitor Centre & Admin BLDG Security / FA / Access Control	P2				

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
CY	Engineering Drawing	1030876-EL-113	Gatehouse – Security / FA / Access Control	P2				
CZ	Engineering Drawing	1030876-EL-114	Site Infrastructure Security / Access Control	P4				
DA	Engineering Drawing	1030876-EL-115	Tipping Shed & Refinement Section – Fire Alarm Layout	P5				
DB	Engineering Drawing	1030876-EL-116	Proposed Plant/Control Room	P3				
DC	Engineering Drawing	1030876-EL-118	Tipping Area & ITS Building HV / LV Distribution Schematic	P3				

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
DD	Engineering Drawing	1030876-EL-119	General Site Supplies Schematic Arrangement	P4				
DE	Engineering Drawing	1030876-EL-120	Refinement Section / Supply to Composting Building HV / LV Distribution Schematic	P3				
DF	Engineering Drawing	1030876-EL-121	Site HV Schematic	P4				
DG	Engineering Drawing	1030876-MC-201	VISITOR CENTRE & ADMIN BUILDING – MECHANICAL VENTILATION	P2				

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
DH	Engineering Drawing	1030876-MC-202	Visitor Centre & Admin BLDG Heating, Cooling, Water & Drainage	P3				
DI	Engineering Drawing	1030876-MC-203	Proposed Plant/Control Room Layouts – Mechanical Services	P4				
DJ	Engineering Drawing	1030876-MC-204	Gatehouse Mechanical Services	P2				
DK	Engineering Drawing	1030876-MC-205	Basic Principles of Leachate and Backup Water Supply	P4				
DL	Engineering Drawing	1030876-ME-200	SITE INFRASTRUCTURE M&E SERVICES	P6				

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
		OP SIS VISUALS DRAWINGS						
DM	Engineering Drawing	P223-DES-001	BDR ROTHERHAM FINISHED LEVELS	C				
DN	Engineering Drawing	P223-ISO-001	BDR Rotherham Isopachyte Levels	C				
		BIRSE/MANSELL DRAWINGS						
DO	Engineering Drawing	787433/200	Red Line Boundary	B				
DP	Engineering Drawing	787433/160	ITS Building Compartmentalisa tion – Fire Strategy	A				
DQ	Engineering Drawing	T9620-BCL-BDR-001	Access bridge details from Bolton Road	B				

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
DR	Engineering Drawing	T9957-ACC-101	Preliminary FC (Excluding AD) Outline Time Slices-	1				
DS	Engineering Drawing	787433/201	Customer Service Connection Points	B				
DT	Engineering Drawing	787433/171	Tipping Shed Push Wall Details	A/B				
DU	Engineering Drawing	T9957-ACC-102	Compound & Laydown Locations	0				
DV	Engineering Drawing	T9957-ACC-103	Temporary Compound Location	0				
		JONES CELTIC BIOENERGY						
		BDR-T001	<i>Facility Layout</i>					
		BDR-T002	<i>Roof Layout</i>					

Ref	Category	Client Drawing Number	Drawing Title	Rev	Description	Height Adjustment	Layout Adjustment	Material Spec
		BDR-T003	<i>Sections</i>					
		BDR-T004	<i>Elevations</i>					
		BDR-T005	<i>Site Access and Boundary</i>					
		BDR-T006	<i>Site Drainage and Services</i>					
		BDR-T007	<i>Slab details</i>					
		BDR-T008	<i>Location of Noise Sources</i>					
		BDR-T009	<i>Biogas P&ID</i>					
		BDR-T010	<i>Compost P&ID</i>					
		GROUND INVESTIGATION						
DW	SI Information		Brookfields Factual Final Report					

Part 2

Design Development Programme

