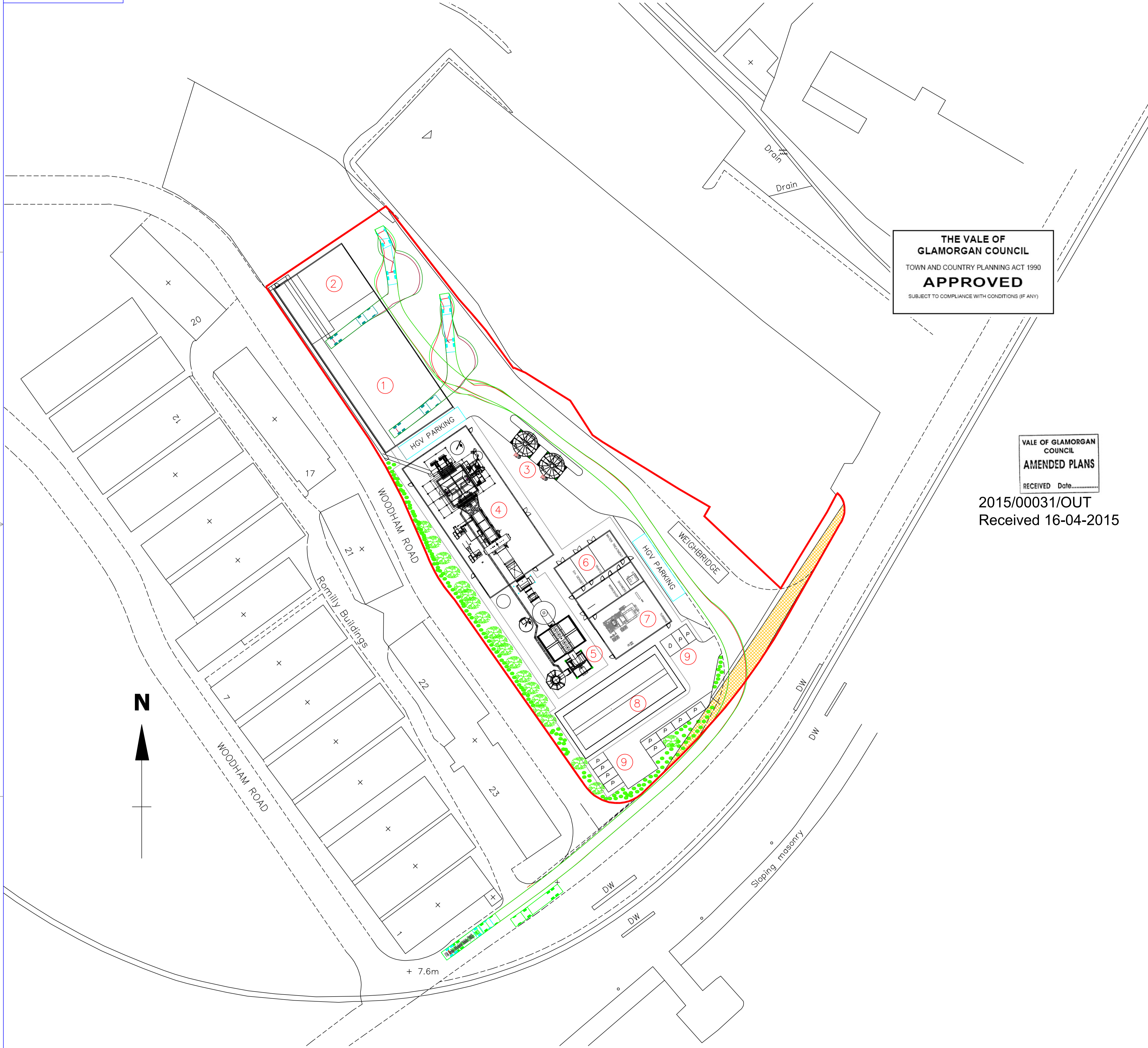




Appendix 5.1

2015 Permission approved drawings



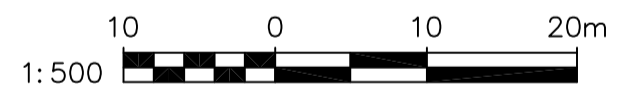
THE VALE OF GLAMORGAN COUNCIL
TOWN AND COUNTRY PLANNING ACT 1990
APPROVED
SUBJECT TO COMPLIANCE WITH CONDITIONS (IF ANY)

VALE OF GLAMORGAN COUNCIL
AMENDED PLANS
RECEIVED Date.....

2015/00031/OUT
Received 16-04-2015

Vehicle Name: FTA Design Articulated Vehicle (1983)	
Type:	Articulated Vehicle
Category:	Savvy
Classification:	Savvy
Source:	Designing for deliveries, FTA 1983
Description:	Design vehicle
Notes:	
Unit 1 Name:	FTA Design Articulated Vehicle
Tractor:	
Unit 1 Name:	FTA Design Articulated Vehicle
Semi-Trailer:	
FTA Design Articulated Vehicle (1983)	
Overall Length:	15.500m
Overall Width:	2.500m
Overall Body Height:	3.695m
Mt Body Ground Clearance:	0.427m
Track Width:	2.500m
Lock to Lock Time:	6.00s
Kerb to Kerb Turning Radius:	6.750m
Vehicle Tracking Vehicle Details Ref: 100042	
Unit Name:	FTA Design Articulated Vehicle
Tractor:	Tractor (with driver controlled steering)
Body style:	Articulated Vehicle Tractor
(Small):	
Classification:	Savvy
Source:	Designing for deliveries, FTA 1983
Description:	Design vehicle
Notes:	
Datum:	Front Primary Axle
Front Axle(s):	1 Ackerman (axles fixed, wheels turn)
Primary Front Axle Offset:	0.000m
Effective Front Axle Offset:	0.000m (Auto Calculated)
Maximum Wheel Angle:	Unlimited
Status:	Active Non Self-Steered
Track Width:	2.500m
Total Wheels:	2 (positioned at the ends of the axle)
Tyre Width:	0.250m (Auto Calculated - proportion of Track Width)
Tyre Diameter:	0.875m (Auto Calculated - proportion of Track Width)
Rear Axle(s):	1 Fixed
Primary Rear Axle Offset:	3.200m (Innermost Axle behind Front Primary Axle)
Effective Rear Axle Offset:	3.200m (Auto Calculated)
Maximum Wheel Angle:	Unlimited
Status:	Active Non Self-Steered
Track Width:	2.500m
Total Wheels:	4 (positioned at the ends of the axle)
Tyre Width:	0.250m (Auto Calculated - proportion of Track Width)
Tyre Diameter:	0.875m (Auto Calculated - proportion of Track Width)
Steering:	Front Axle(s):
Min. Kerb / Kerb Turning Radius:	6.750m (based upon all axles)
Calculated Maximum Wheel Angle:	42.000deg
Lock to Lock Time (Fwd/Rev):	6.00sec / 6.00sec
Driver / Pilot:	
Driver Offset Longitudinally:	-0.200m (in front of Front Primary Axle)
Driver / Pilot Offset Laterally:	-0.600m (Right of Centreline)
Driver Height:	2.200m (Above ground level)
Front coupling:	None
Rear coupling:	Generic:
Coupling Offset:	2.700m (behind Front Primary Axle)
Coupling Height:	0.875m (Auto Calculated - proportion of Tyre Diameter)
Capability:	Can tow or be towed
Max. Horizontal Articulation Angle:	90.000deg
Max. Vertical Articulation Angle:	10.000deg
Body outline (plan):	Rectangle
Outline Type:	Rectangle
Offset (X,Y):	-1.300m
Length / Width:	5.500m / 2.500m
Outline Type:	Line
Offset (X,Y):	3.200m, 0.000m
Vertices:	1
1:	0.000, 0.000
Unit Name: FTA Design Articulated Vehicle Semi-Trailer	
Type:	Trailer (no driver controlled steering)
Body style:	Articulated Vehicle Semi-Trailer
Classification:	Savvy
Source:	Designing for deliveries, FTA 1983
Description:	Design vehicle
Notes:	
Datum:	Front coupling
Maximum Articulation Angle:	90deg (to previous unit)
Front Axle(s):	None
Rear Axle(s):	2 Fixed (All axles identical)
Primary Rear Axle Offset:	8.300m (Innermost Axle behind Front coupling)
Effective Rear Axle Offset:	9.000m (Auto Calculated)
Maximum Wheel Angle:	Unlimited
Rear Axle Spacing:	1.400m
Status:	Active Non Self-Steered
Track Width:	2.500m
Total Wheels:	4 (positioned at the ends of the axle)
Tyre Width:	0.250m (Auto Calculated - proportion of Track Width)
Tyre Diameter:	0.875m (Auto Calculated - proportion of Track Width)
Front coupling:	Generic:
Coupling Offset:	0.000m (in front of Front coupling)
Coupling Height:	0.438m (Auto Calculated - proportion of Tyre Diameter)
Capability:	Can tow or be towed
Max. Horizontal Articulation Angle:	90.000deg
Max. Vertical Articulation Angle:	10.000deg
Rear coupling:	Generic:
Coupling Offset:	8.300m (behind Front coupling)
Coupling Height:	0.875m (Auto Calculated - proportion of Tyre Diameter)
Capability:	Can tow or be towed
Max. Horizontal Articulation Angle:	90.000deg
Max. Vertical Articulation Angle:	10.000deg
Body outline (plan):	Rectangle
Outline Type:	Rectangle
Offset (X,Y):	-0.700m, 0.000m
Length / Width:	12.200m / 2.500m
Outline Type:	Line
Offset (X,Y):	8.300m, 0.000m
Vertices:	1
1:	0.000, 0.000

- Legend**
- ① FEEDSTOCK RECEPTION
 - ② FEEDSTOCK FEED SYSTEM
 - ③ ASH SILOS
 - ④ MAIN PROCESS BUILDING
 - ⑤ FGT AND EXHAUST (EXTERNAL)
 - ⑥ WELFARE & ANCILLIARIES
 - ⑦ TURBINE
 - ⑧ ACC
 - ⑨ CAR PARKING
- SITE ENTRANCE/EXIT VISIBILITY SPLAY



C					
B					
A	REDRAWN FROM E1627-2001 ISSUED FOR DISCUSSION	JW	MVG	KC	20.03.15
Rev	Revision details	Drn	Chk	App	Date

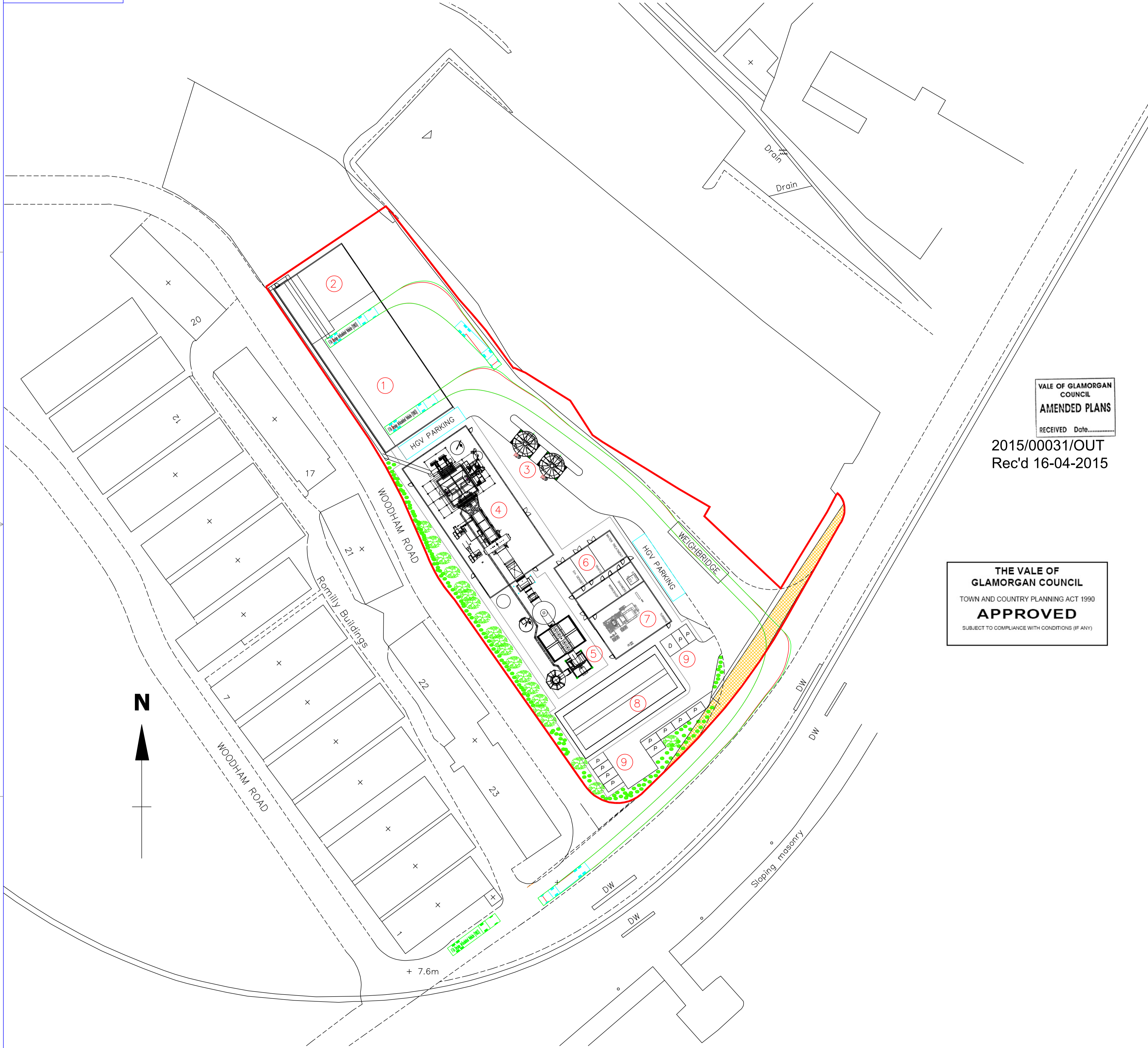
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Intech

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5 Newlands Court
Attwood Road
Burntwood
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WS7 3GF
Tel: 01543 496600
Fax: 01543 496601

Customer	SUNRISE RENEWABLES				
Project	BARRY ACT				
Title	TRAFFIC MOVEMENTS ENTRANCE MOVEMENT TO RECEPTION HALL				
Drawn by:	JW 20.13.15	Checked:	KC 20.03.15	Scale	1:500
Designed:	KDAM 20.13.15	Approved:	KC 20.03.15	Rev.	
Drawing number	E1627-2101	Rev.	A		

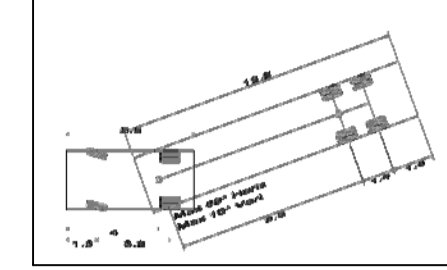
DISCUSSION/COMMENT



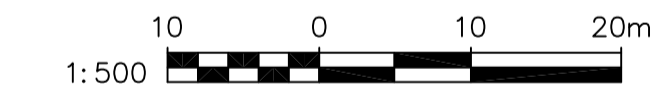
VALE OF GLAMORGAN COUNCIL
AMENDED PLANS
RECEIVED Date.....

2015/00031/OUT
Rec'd 16-04-2015

THE VALE OF GLAMORGAN COUNCIL
TOWN AND COUNTRY PLANNING ACT 1990
APPROVED
SUBJECT TO COMPLIANCE WITH CONDITIONS (IF ANY)

Vehicle Name: FTA Design Articulated Vehicle (1983)	
Type:	Articulated Vehicle
Category:	Savvy
Classification:	Savvy
Source:	Designing for deliveries, FTA 1983
Description:	Design vehicle
Notes:	
Unit 1 Name:	FTA Design Articulated Vehicle
Tractor:	
Unit 1 Name:	FTA Design Articulated Vehicle
Semi-Trailer:	
	
FTA Design Articulated Vehicle (1983)	
Overall Length:	15.500m
Overall Width:	2.500m
Overall Body Height:	3.695m
Mt Body Ground Clearance:	0.427m
Track Width:	2.500m
Lock to Lock Time:	6.00s
Kerb to Kerb Turning Radius:	6.750m
Vehicle Tracking Vehicle Details Ref: 100042	
Unit Name:	FTA Design Articulated Vehicle
Tractor:	Tractor (with driver controlled steering)
Body style:	Articulated Vehicle Tractor
Classification:	Savvy
Source:	Designing for deliveries, FTA 1983
Description:	Design vehicle
Notes:	
Datum:	Front Primary Axle
Front Axle(s):	1 Ackerman (axles fixed, wheels turn)
Primary Front Axle Offset:	0.000m
Effective Front Axle Offset:	0.000m (Auto Calculated)
Maximum Wheel Angle:	Unlimited
Status:	Active Non Self-Steered
Track Width:	2.500m
Total Wheels:	2 (positioned at the ends of the axle)
Tyre Width:	0.250m (Auto Calculated - proportion of Track Width)
Tyre Diameter:	0.875m (Auto Calculated - proportion of Track Width)
Rear Axle(s):	1 Fixed
Primary Rear Axle Offset:	3.200m (Innermost Axle behind Front Primary Axle)
Effective Rear Axle Offset:	3.200m (Auto Calculated)
Maximum Wheel Angle:	Unlimited
Status:	Active Non Self-Steered
Track Width:	2.500m
Total Wheels:	4 (positioned at the ends of the axle)
Tyre Width:	0.250m (Auto Calculated - proportion of Track Width)
Tyre Diameter:	0.875m (Auto Calculated - proportion of Track Width)
Steering:	Front Axle(s)
Min. Kerb / Kerb Turning Radius:	6.750m (based upon all axles)
Calculated Maximum Wheel Angle:	42.000deg
Lock to Lock Time (Fwd/Rev):	6.00sec / 6.00sec
Driver / Pilot:	Driver / Pilot
Driver Offset Longitudinally:	-0.200m (in front of Front Primary Axle)
Driver / Pilot Offset Laterally:	-0.600m (Right of Centreline)
Driver Height:	2.200m (Above ground level)
Front coupling:	None
Rear coupling:	Generic
Coupling Offset:	2.700m (behind Front Primary Axle)
Coupling Height:	0.875m (Auto Calculated - proportion of Tyre Diameter)
Capability:	Can tow or be towed
Max. Horizontal Articulation Angle:	90.000deg
Max. Vertical Articulation Angle:	10.000deg
Body outline (plan):	Rectangle
Outline Type:	Rectangle
Offset (X,Y):	-1.300m, 0.000m
Length / Width:	5.500m / 2.500m
Outline Type:	Line
Offset (X,Y):	3.200m, 0.000m
Vertices:	1
1:	0.000, 0.000
Unit Name: FTA Design Articulated Vehicle Semi-Trailer	
Type:	Trailer (no driver controlled steering)
Body style:	Articulated Vehicle Semi-Trailer
Classification:	Savvy
Source:	Designing for deliveries, FTA 1983
Description:	Design vehicle
Notes:	
Datum:	Front coupling
Maximum Articulation Angle:	90deg (to previous unit)
Front Axle(s):	None
Rear Axle(s):	2 Fixed (All axles identical)
Primary Rear Axle Offset:	8.300m (Innermost Axle behind Front coupling)
Effective Rear Axle Offset:	9.000m (Auto Calculated)
Maximum Wheel Angle:	Unlimited
Rear Axle Spacing:	1.400m
Status:	Active Non Self-Steered
Track Width:	2.500m
Total Wheels:	4 (positioned at the ends of the axle)
Tyre Width:	0.250m (Auto Calculated - proportion of Track Width)
Tyre Diameter:	0.875m (Auto Calculated - proportion of Track Width)
Front coupling:	Generic
Coupling Offset:	0.000m (in front of Front coupling)
Coupling Height:	0.438m (Auto Calculated - proportion of Tyre Diameter)
Capability:	Can tow or be towed
Max. Horizontal Articulation Angle:	90.000deg
Max. Vertical Articulation Angle:	10.000deg
Rear coupling:	Generic
Coupling Offset:	8.300m (behind Front coupling)
Coupling Height:	0.875m (Auto Calculated - proportion of Tyre Diameter)
Capability:	Can tow or be towed
Max. Horizontal Articulation Angle:	90.000deg
Max. Vertical Articulation Angle:	10.000deg
Body outline (plan):	Rectangle
Outline Type:	Rectangle
Offset (X,Y):	-0.700m, 0.000m
Length / Width:	12.200m / 2.500m
Outline Type:	Line
Offset (X,Y):	8.300m, 0.000m
Vertices:	1
1:	0.000, 0.000

- Legend**
- ① FEEDSTOCK RECEPTION
 - ② FEEDSTOCK FEED SYSTEM
 - ③ ASH SILOS
 - ④ MAIN PROCESS BUILDING
 - ⑤ FGT AND EXHAUST (EXTERNAL)
 - ⑥ WELFARE & ANCILLIARIES
 - ⑦ TURBINE
 - ⑧ ACC
 - ⑨ CAR PARKING



C				
B				
A	REDRAWN FROM E1627-2002 ISSUED FOR DISCUSSION	JW	MVG	KC
Rev	Revision details	Drn	Chk	App
				Date

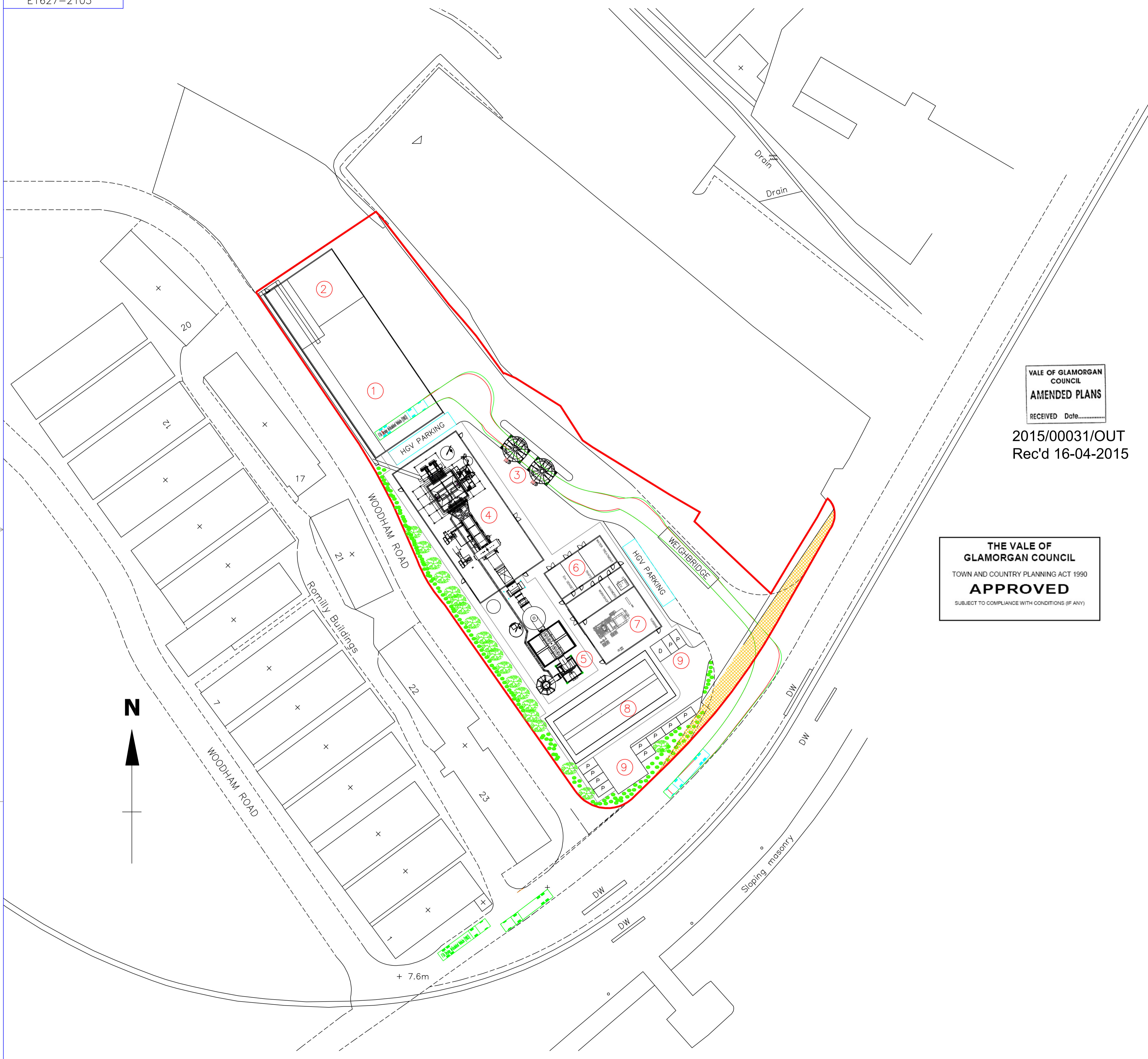
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WS7 3GF
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Fax: 01543 496601

Customer	SUNRISE RENEWABLES
Project	BARRY ACT
Title	TRAFFIC MOVEMENTS EXIT MOVEMENT FROM RECEPTION HALL
Drawn by:	JW 20.03.15
Designed:	KDAM 20.03.15
Checked:	KC 20.03.05
Approved:	KC 20.03.15
Drawing number	E1627-2102
Scale	1:500
Rev.	A

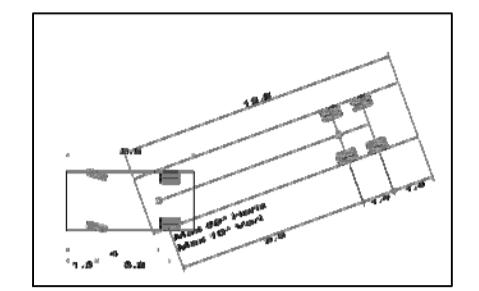
DISCUSSION/COMMENT



VALE OF GLAMORGAN COUNCIL
AMENDED PLANS
RECEIVED Date.....
2015/00031/OUT
Rec'd 16-04-2015

THE VALE OF GLAMORGAN COUNCIL
TOWN AND COUNTRY PLANNING ACT 1990
APPROVED
SUBJECT TO COMPLIANCE WITH CONDITIONS (IF ANY)

Vehicle Name: FTA Design Articulated Vehicle (1983)	
Type:	Articulated Vehicle
Category:	Savvy
Classification:	Savvy
Source:	Designing for deliveries, FTA 1983
Description:	Design vehicle
Notes:	
Unit 1 Name:	FTA Design Articulated Vehicle Tractor
Unit 1 Name:	FTA Design Articulated Vehicle Semi-Trailer

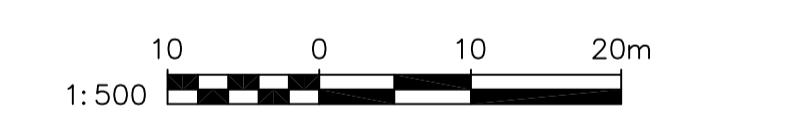


FTA Design Articulated Vehicle (1983)	
Overall Length:	15.500m
Overall Width:	2.500m
Overall Body Height:	3.695m
Mt Body Ground Clearance:	0.427m
Track Width:	2.500m
Lock to Lock Time:	6.00s
Kerb to Kerb Turning Radius:	6.750m

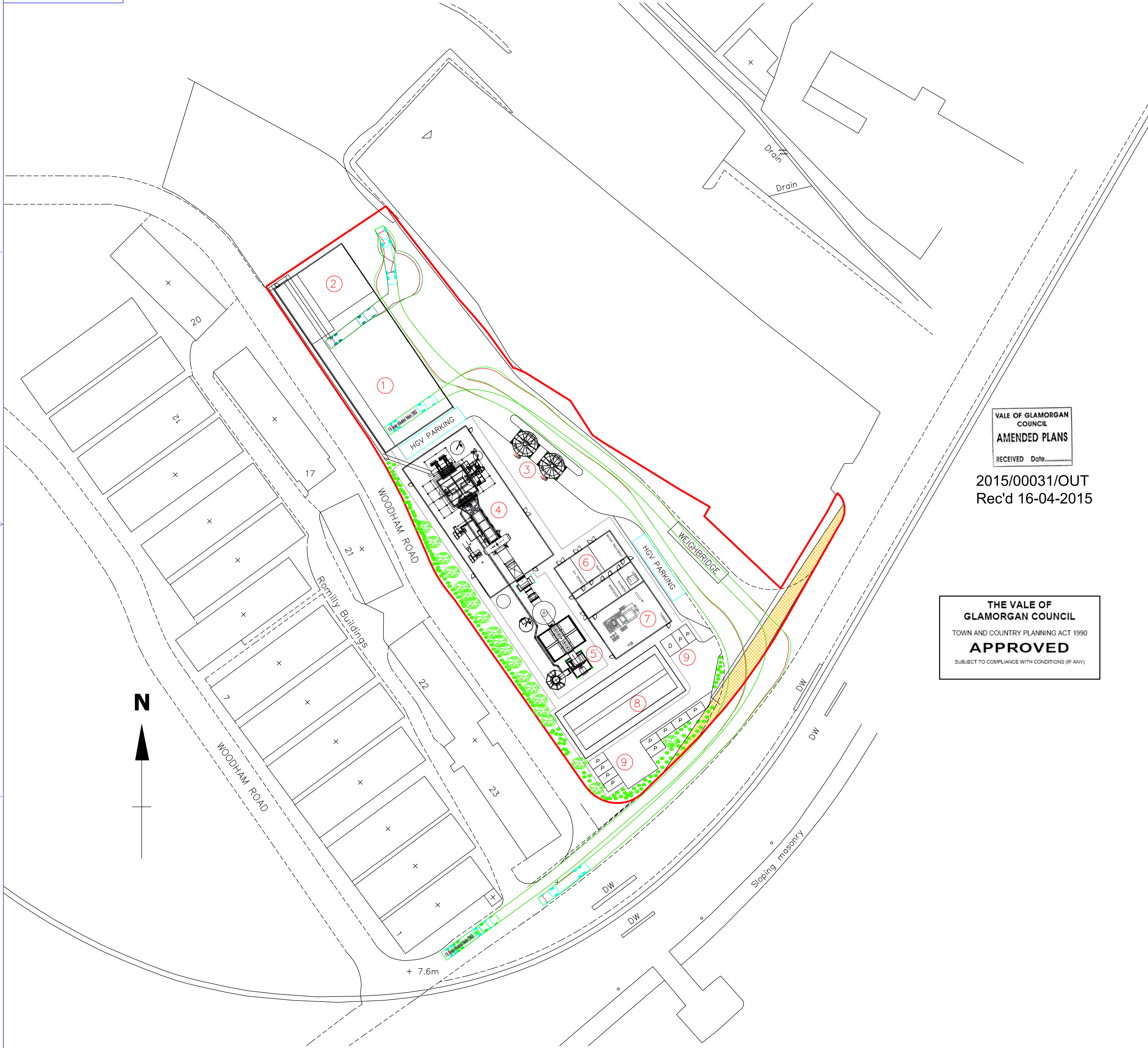
Vehicle Tracking Vehicle Details Ref: 100042	
Unit Name: FTA Design Articulated Vehicle Tractor	
Type:	Tractor (with driver controlled steering)
Body style:	Articulated Vehicle Tractor (Small)
Classification:	Savvy
Source:	Designing for deliveries, FTA 1983
Description:	Design vehicle
Notes:	
Datum:	Front Primary Axle
Front Axle(s):	1 Ackerman (axles fixed, wheels turn)
Primary Front Axle Offset:	0.000m
Effective Front Axle Offset:	0.000m (Auto Calculated)
Maximum Wheel Angle:	Unlimited
Status:	Active Non Self-Steered
Track Width:	2.500m
Total Wheels:	2 (positioned at the ends of the axle)
Tyre Width:	0.250m (Auto Calculated - proportion of Track Width)
Tyre Diameter:	0.875m (Auto Calculated - proportion of Track Width)
Rear Axle(s):	1 Fixed
Primary Rear Axle Offset:	3.200m (Innermost Axle behind Front Primary Axle)
Effective Rear Axle Offset:	3.200m (Auto Calculated)
Maximum Wheel Angle:	Unlimited
Status:	Active Non Self-Steered
Track Width:	2.500m
Total Wheels:	4 (positioned at the ends of the axle)
Tyre Width:	0.250m (Auto Calculated - proportion of Track Width)
Tyre Diameter:	0.875m (Auto Calculated - proportion of Track Width)
Steering:	Front Axle(s):
Min. Kerb / Kerb Turning Radius:	6.750m (based upon all axles)
Calculated Maximum Wheel Angle:	42.000deg
Lock to Lock Time (Fwd/Rev):	6.0sec / 6.0sec
Driver / Pilot:	Driver Offset Longitudinally: -0.200m (in front of Front Primary Axle)
Driver / Pilot Offset Laterally:	-0.600m (Right of Centreline)
Driver Height:	2.200m (Above ground level)
Front coupling:	None
Rear coupling:	Generic:
Coupling Offset:	2.700m (behind Front Primary Axle)
Coupling Height:	0.875m (Auto Calculated - proportion of Tyre Diameter)
Capability:	Can tow or be towed
Max. Horizontal Articulation Angle:	90.000deg
Max. Vertical Articulation Angle:	10.000deg
Body outline (plan):	Rectangle
Outline Type:	Rectangle
Offset (X,Y):	-1.300m
Length / Width:	5.500m / 2.500m
Outline Type:	Line
Offset (X,Y):	3.200m, 0.000m
Vertices:	1
1:	0.000, 0.000

Unit Name: FTA Design Articulated Vehicle Semi-Trailer	
Type:	Trailer (no driver controlled steering)
Body style:	Articulated Vehicle Semi-Trailer Savvy
Classification:	Savvy
Source:	Designing for deliveries, FTA 1983
Description:	Design vehicle
Notes:	
Datum:	Front coupling
Maximum Articulation Angle:	90deg (to previous unit)
Front Axle(s):	None
Rear Axle(s):	2 Fixed (All axles identical)
Primary Rear Axle Offset:	8.300m (Innermost Axle behind Front coupling)
Effective Rear Axle Offset:	9.000m (Auto Calculated)
Maximum Wheel Angle:	Unlimited
Rear Axle Spacing:	1.400m
Status:	Active Non Self-Steered
Track Width:	2.500m
Total Wheels:	4 (positioned at the ends of the axle)
Tyre Width:	0.250m (Auto Calculated - proportion of Track Width)
Tyre Diameter:	0.875m (Auto Calculated - proportion of Track Width)
Front coupling:	Generic:
Coupling Offset:	0.000m (in front of Front coupling)
Coupling Height:	0.438m (Auto Calculated - proportion of Tyre Diameter)
Capability:	Can tow or be towed
Max. Horizontal Articulation Angle:	90.000deg
Max. Vertical Articulation Angle:	10.000deg
Rear coupling:	Generic:
Coupling Offset:	8.300m (behind Front coupling)
Coupling Height:	0.875m (Auto Calculated - proportion of Tyre Diameter)
Capability:	Can tow or be towed
Max. Horizontal Articulation Angle:	90.000deg
Max. Vertical Articulation Angle:	10.000deg
Body outline (plan):	Rectangle
Outline Type:	Rectangle
Offset (X,Y):	-0.700m, 0.000m
Length / Width:	12.200m / 2.500m
Outline Type:	Line
Offset (X,Y):	8.300m, 0.000m
Vertices:	1
1:	0.000, 0.000

- Legend**
- ① FEEDSTOCK RECEPTION
 - ② FEEDSTOCK FEED SYSTEM
 - ③ ASH SILOS
 - ④ MAIN PROCESS BUILDING
 - ⑤ FGT AND EXHAUST (EXTERNAL)
 - ⑥ WELFARE & ANCILLIARIES
 - ⑦ TURBINE
 - ⑧ ACC
 - ⑨ CAR PARKING



C				
B				
A	REDRAWN FROM E1426-2003 ISSUED FOR DISCUSSION	JW	MVG	KC
Rev	Revision details	Drn	Chk	App
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Customer		SUNRISE RENEWABLES		
Project		BARRY ACT		
Title		TRAFFIC MOVEMENTS EXIT MOVEMENT FROM RECEPTION HALL VIA ASH SILOS		
Drawn by:	JW	20.03.15	Checked:	KC
Designed:	KDAM	20.03.15	Approved:	KC
Drawing number	E1627-2103			Rev.
DISCUSSION/COMMENT				A

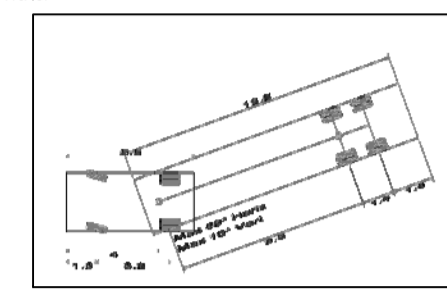


VALE OF GLAMORGAN COUNCIL
AMENDED PLANS
RECEIVED Date.....

2015/00031/OUT
Rec'd 16-04-2015

THE VALE OF GLAMORGAN COUNCIL
TOWN AND COUNTRY PLANNING ACT 1990
APPROVED
SUBJECT TO COMPLIANCE WITH CONDITIONS (IF ANY)

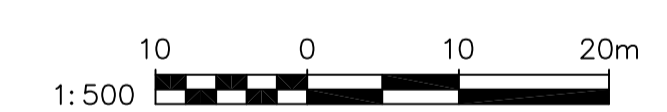
Vehicle Name: FTA Design Articulated Vehicle (1983)	
Type:	Articulated Vehicle
Category:	Savvy
Classification:	Savvy
Source:	Designing for deliveries, FTA 1983
Description:	Design vehicle
Notes:	
Unit 1 Name:	FTA Design Articulated Vehicle Tractor
Unit 1 Name:	FTA Design Articulated Vehicle Semi-Trailer



FTA Design Articulated Vehicle (1983)	
Overall Length:	15.500m
Overall Width:	2.500m
Overall Body Height:	3.695m
Mt Body Ground Clearance:	0.427m
Track Width:	2.500m
Lock to Lock Time:	6.00s
Kerb to Kerb Turning Radius:	6.750m


Vehicle Tracking Vehicle Details Ref: 100042	
Unit Name: FTA Design Articulated Vehicle Tractor	
Type:	Tractor (with driver controlled steering)
Body style:	Articulated Vehicle Tractor (Small)
Classification:	Savvy
Source:	Designing for deliveries, FTA 1983
Description:	Design vehicle
Notes:	
Datum:	Front Primary Axle
Front Axle(s):	1 Ackerman (axles fixed, wheels turn)
Primary Front Axle Offset:	0.000m
Effective Front Axle Offset:	0.000m (Auto Calculated)
Maximum Wheel Angle:	Unlimited
Status:	Active Non Self-Steered
Track Width:	2.500m
Total Wheels:	2 (positioned at the ends of the axle)
Tyre Width:	0.250m (Auto Calculated - proportion of Track Width)
Tyre Diameter:	0.875m (Auto Calculated - proportion of Track Width)
Rear Axle(s):	1 Fixed
Primary Rear Axle Offset:	3.200m (Innermost Axle behind Front Primary Axle)
Effective Rear Axle Offset:	3.200m (Auto Calculated)
Maximum Wheel Angle:	Unlimited
Status:	Active Non Self-Steered
Track Width:	2.500m
Total Wheels:	4 (positioned at the ends of the axle)
Tyre Width:	0.250m (Auto Calculated - proportion of Track Width)
Tyre Diameter:	0.875m (Auto Calculated - proportion of Track Width)
Steering:	Front Axle(s):
Min. Kerb / Kerb Turning Radius:	6.750m (based upon all axles)
Calculated Maximum Wheel Angle:	42.000deg
Lock to Lock Time (Fwd/Rev):	6.00sec / 6.00sec
Driver / Pilot:	Driver Offset Longitudinally:
Driver / Pilot Offset Laterally:	-0.200m (in front of Front Primary Axle)
Driver Height:	2.200m (Above ground level)
Front coupling:	None
Rear coupling:	Generic:
Front Primary Axle Coupling Offset:	2.700m (behind Front Primary Axle)
Coupling Height:	0.875m (Auto Calculated - proportion of Tyre Diameter)
Capability:	Can tow or be towed
Max. Horizontal Articulation Angle:	90.000deg
Max. Vertical Articulation Angle:	10.000deg
Body outline (plan):	Rectangle
Outline Type:	Offset (X,Y):
Length / Width:	5.500m / 2.500m
Outline Type:	Line
Offset (X,Y):	3.200m, 0.000m
Vertices:	1
0.000, 0.000	
Unit Name: FTA Design Articulated Vehicle Semi-Trailer	
Type:	Trailer (no driver controlled steering)
Body style:	Articulated Vehicle Semi-Trailer
Classification:	Savvy
Source:	Designing for deliveries, FTA 1983
Description:	Design vehicle
Notes:	
Datum:	Front coupling
Maximum Articulation Angle:	90deg (to previous unit)
Front Axle(s):	None
Rear Axle(s):	2 Fixed (All axles identical)
Primary Rear Axle Offset:	8.300m (Innermost Axle behind Front coupling)
Front coupling:	Generic:
Effective Rear Axle Offset:	9.000m (Auto Calculated)
Maximum Wheel Angle:	Unlimited
Rear Axle Spacing:	1.400m
Status:	Active Non Self-Steered
Track Width:	2.500m
Total Wheels:	4 (positioned at the ends of the axle)
Tyre Width:	0.250m (Auto Calculated - proportion of Track Width)
Tyre Diameter:	0.875m (Auto Calculated - proportion of Track Width)
Front coupling:	Generic:
Coupling Offset:	0.000m (in front of Front coupling)
Coupling Height:	0.438m (Auto Calculated - proportion of Tyre Diameter)
Capability:	Can tow or be towed
Max. Horizontal Articulation Angle:	90.000deg
Max. Vertical Articulation Angle:	10.000deg
Rear coupling:	Generic:
Coupling Offset:	8.300m (behind Front coupling)
Coupling Height:	0.875m (Auto Calculated - proportion of Tyre Diameter)
Capability:	Can tow or be towed
Max. Horizontal Articulation Angle:	90.000deg
Max. Vertical Articulation Angle:	10.000deg
Body outline (plan):	Rectangle
Outline Type:	Offset (X,Y):
Length / Width:	12.200m / 2.500m
Outline Type:	Line
Offset (X,Y):	8.300m, 0.000m
Vertices:	1
0.000, 0.000	

- Legend**
- ① FEEDSTOCK RECEPTION
 - ② FEEDSTOCK FEED SYSTEM
 - ③ ASH SILOS
 - ④ MAIN PROCESS BUILDING
 - ⑤ FGT AND EXHAUST (EXTERNAL)
 - ⑥ WELFARE & ANCILLIARIES
 - ⑦ TURBINE
 - ⑧ ACC
 - ⑨ CAR PARKING



C				
B				
A	REDRAWN FROM E1627-2001 ISSUED FOR DISCUSSION	JW	MVG	KC
Rev	Revision details	Drn	Chk	App
				Date

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Fax: 01543 496601

Customer	SUNRISE RENEWABLES
Project	BARRY ACT
Title	TRAFFIC MOVEMENTS ENTRY AND EXIT FROM SITE
Drawn by:	JW 20.13.15
Designed:	KDAM 20.13.15
Checked:	KC 20.03.15
Approved:	KC 20.03.15
Drawing number	E1627-2104
Scale	1:500
Rev.	A

DISCUSSION/COMMENT

THE VALE OF
GLAMORGAN COUNCIL
TOWN AND COUNTRY PLANNING ACT 1990
APPROVED
SUBJECT TO COMPLIANCE WITH CONDITIONS (IF ANY)

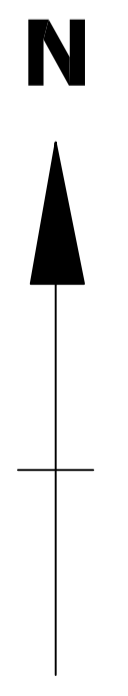
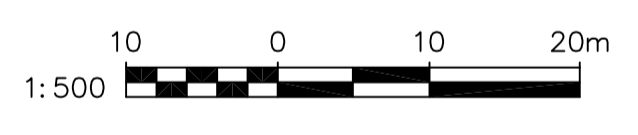


- Legend**
- ① FEEDSTOCK RECEPTION
 - ② FEEDSTOCK FEED SYSTEM
 - ③ ASH SILOS
 - ④ MAIN PROCESS BUILDING
 - ⑤ FGT AND EXHAUST (EXTERNAL)
 - ⑥ WELFARE & ANCILLIARIES
 - ⑦ TURBINE
 - ⑧ ACC
 - ⑨ CAR PARKING

SITE ENTRANCE/EXIT VISIBILITY SPLAY

VALE OF GLAMORGAN
COUNCIL
AMENDED PLANS
RECEIVED Date.....

2015/00031/OUT
Rec'd 16-04-2015



C					
B					
A	REDRAWN ISSUED FOR DISCUSSION	JW	MVG	KC	20.03.15
Rev	Revision details	Drn	Chk	App	Date

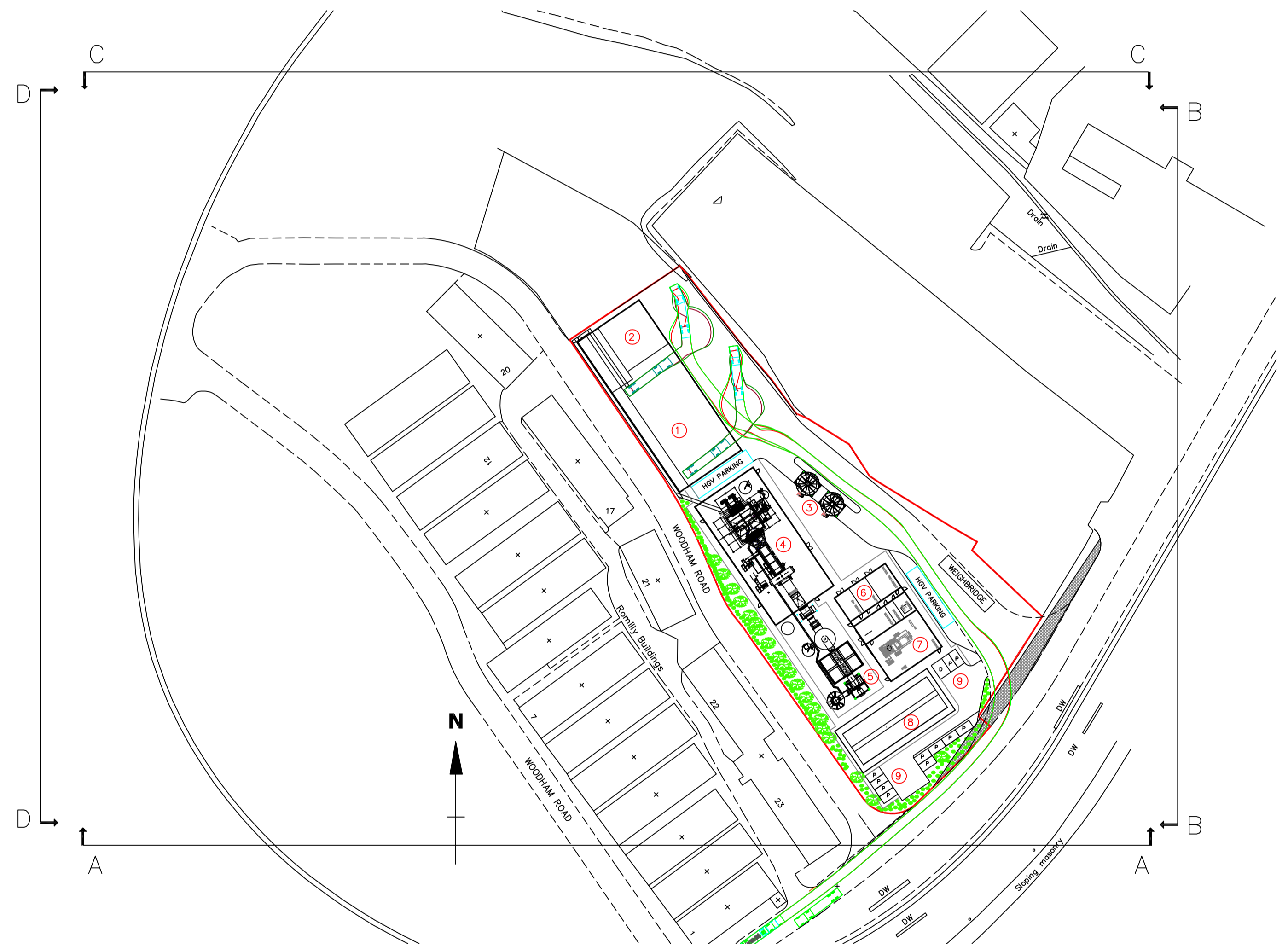
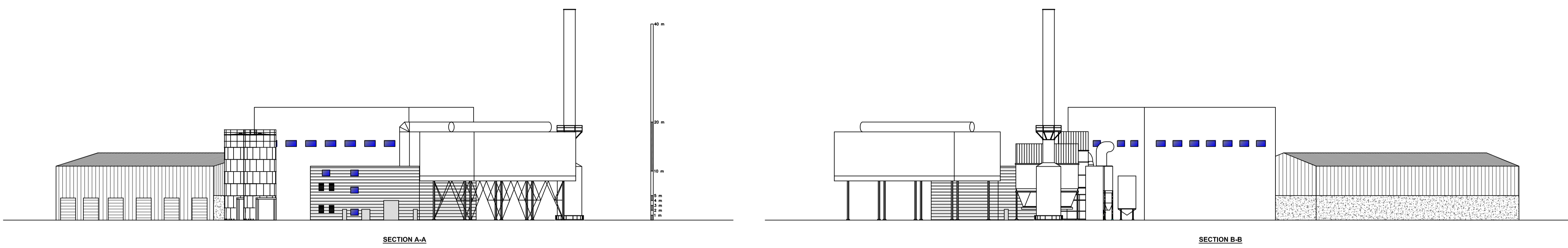
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Customer	SUNRISE RENEWABLES				
Project	BARRY ACT				
Title	SITE LAYOUT				
Drawn by:	JW	20.03.15	Checked by:	KC	20.03.15
Designed:	KDAM	20.03.15	Approved:	KC	20.03.15
Drawing number	E1627-2105				Rev.
					A

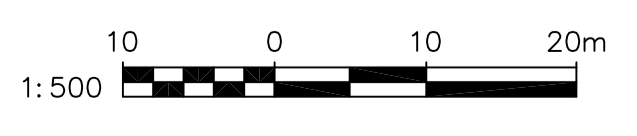
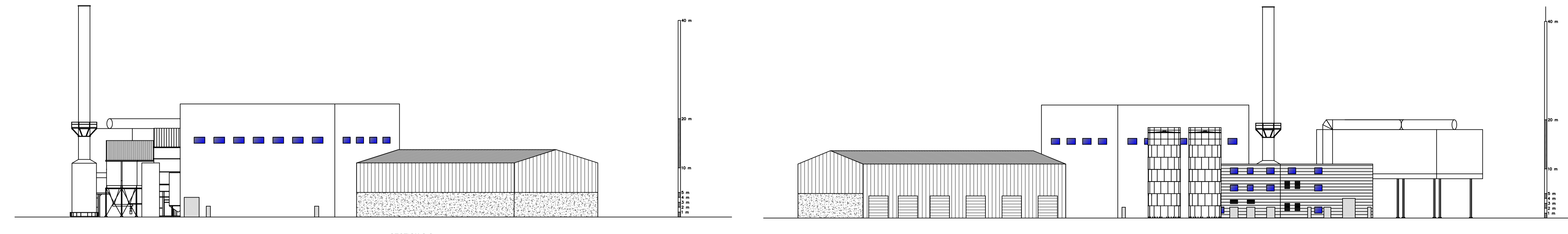
DISCUSSION/COMMENT

**THE VALE OF
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TOWN AND COUNTRY PLANNING ACT 1990
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VALE OF GLAMORGAN
COUNCIL
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2015/00031/OUT
Rec'd 22-07-2015



C					
B	STACK HEIGHT CORRECTED TO 43m	JW	JW	KC	20.07.15
A	REDRAWN ISSUED FOR PLANNING APPLICATION	KDAM	KDAM	KC	20.03.15
Rev	Revision details	Drn	Chk	App	Date

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Customer **SUNRISE RENEWABLES**

Project **BARRY ACT**

Title **SITE ELEVATIONS
A-A , B-B, C-C ,D-D**

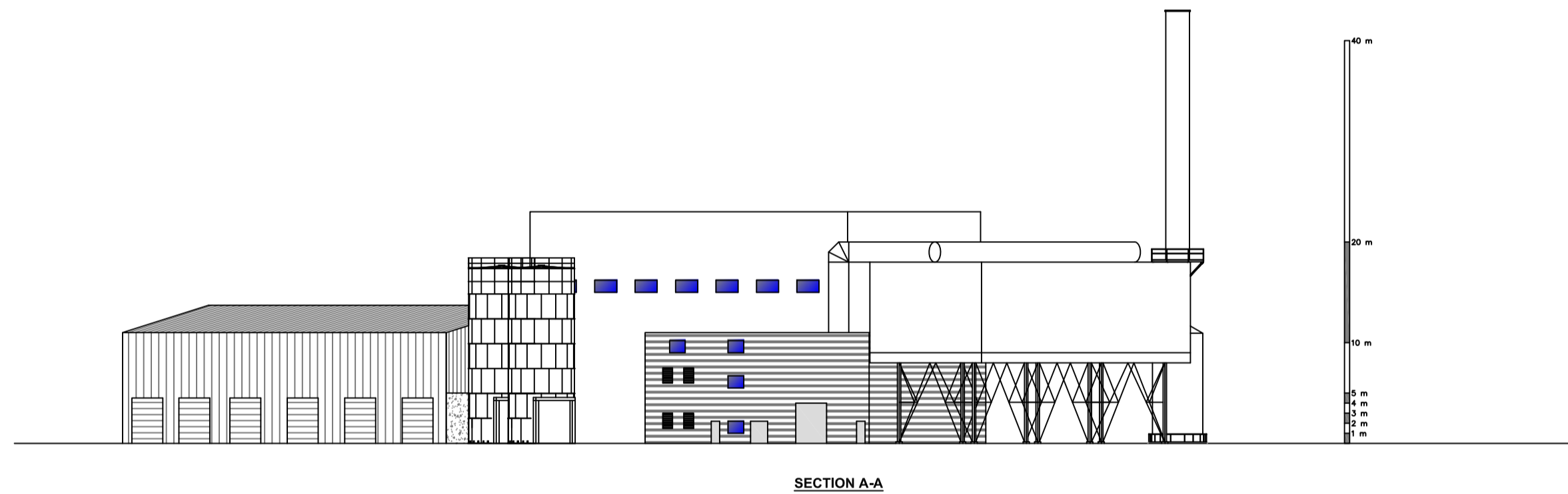
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Designed: KDAM	20.03.15	Approved: KC	20.03.15	Rev.	B
Drawing number				E1627-2116	

DISCUSSION/COMMENT

**THE VALE OF
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TOWN AND COUNTRY PLANNING ACT 1990
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SUBJECT TO COMPLIANCE WITH CONDITIONS (IF ANY)

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RECEIVED Date.....

2015/00031/OUT
Rec'd 22-07-2015



C					
B	STACK HEIGHT CORRECTED TO 43m	JW	JW	KC	20.07.15
A	REDRAWN ISSUED FOR PLANNING APPLICATION	KDAM	KDAM	KC	20.03.15
Rev	Revision details	Drn	Chk	App	Date

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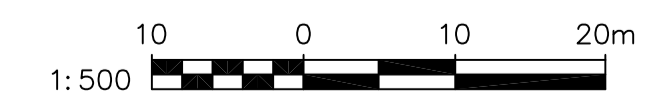
Customer **SUNRISE RENEWABLES**

Project **BARRY ACT**

Title **SITE ELEVATIONS
A-A**

Drawn by:	KDAM	20.03.15	Checked:	KC	20.03.15	Scale	1:500
Designed:	KDAM	20.03.15	Approved:	KC	20.03.15		
Drawing number	E1627-2117					Rev.	B

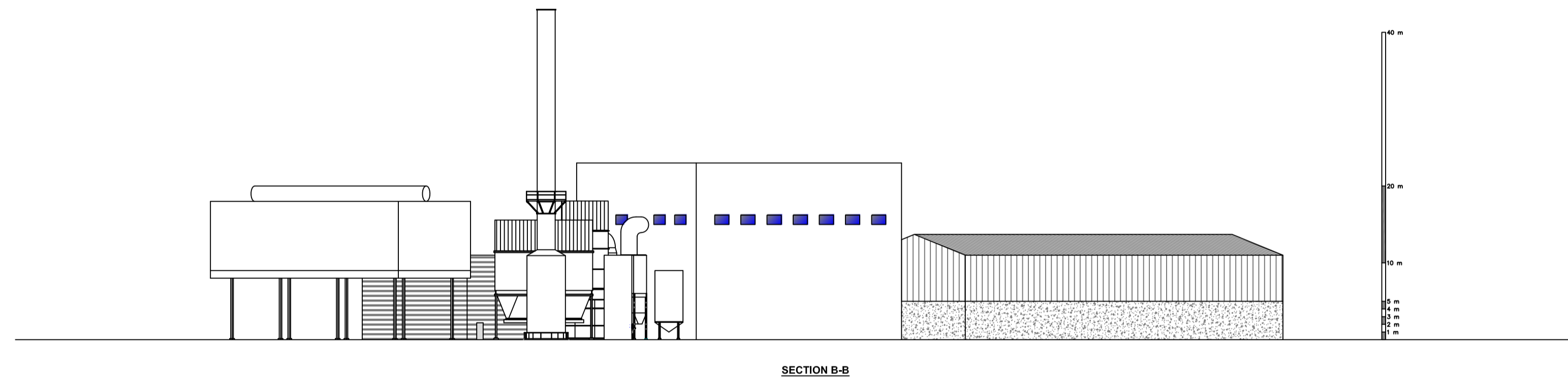
DISCUSSION/COMMENT



THE VALE OF
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TOWN AND COUNTRY PLANNING ACT 1990
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SUBJECT TO COMPLIANCE WITH CONDITIONS (IF ANY)

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AMENDED PLANS
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2015/00031/OUT
Rec'd 22-07-2015



C					
B	STACK HEIGHT CORRECTED TO 43m	JW	JW	KC	20.07.15
A	REDRAWN ISSUED FOR PLANNING APPLICATION	KDAM	KDAM	KC	22.08.14
Rev	Revision details	Drn	Chk	App	Date

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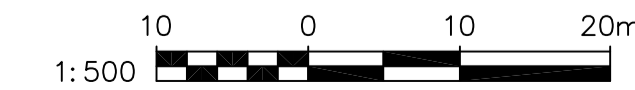
Customer: SUNRISE RENEWABLES

Project: BARRY ACT

Title: SITE ELEVATIONS
B-B

Drawn by:	KDAM	20.03.15	Checked by:	KC	20.03.15	Scale:	1:500
Designed:	KDAM	20.03.15	Approved:	KC	20.03.15		
Drawing number	E1627-2118					Rev.	B

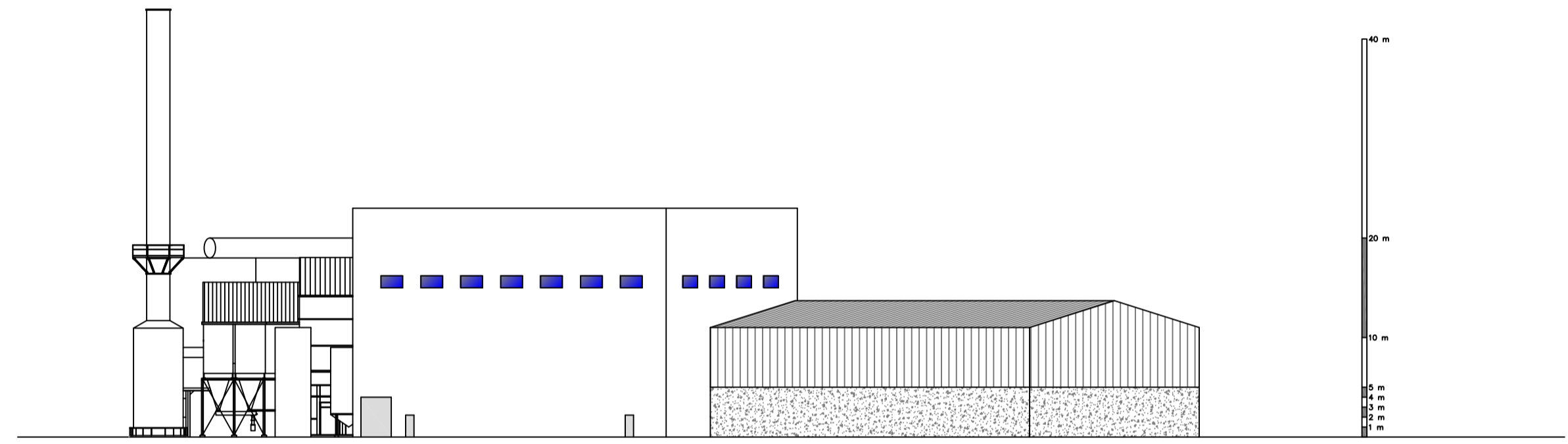
DISCUSSION/COMMENT



**THE VALE OF
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SUBJECT TO COMPLIANCE WITH CONDITIONS (IF ANY)

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SECTION C-C

C					
B	STACK HEIGHT CORRECTED TO 43m	JW	JW	KC	20.07.15
A	REDRAWN ISSUED FOR PLANNING APPLICATION	KDAM	KDAM	KC	20.03.15
Rev	Revision details	Drn	Chk	App	Date

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Customer **SUNRISE RENEWABLES**

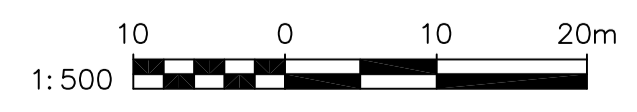
Project **BARRY ACT**

Title **SITE ELEVATIONS
C-C**

Drawn by:	KDAM	20.03.15	Checked by:	KC	20.03.15	Scale	1:500
Designed:	KDAM	20.03.15	Approved:	KC	20.03.15		

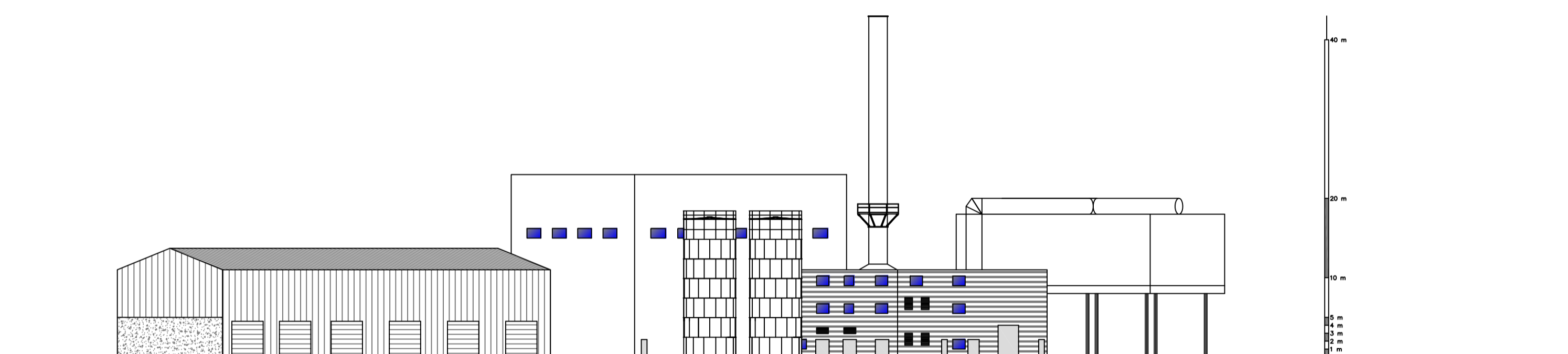
Drawing number **E1627-2119** Rev. **B**

DISCUSSION/COMMENT



**THE VALE OF
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SECTION D-D

C					
B	STACK HEIGHT CORRECTED TO 43m	JW	JW	KC	20.07.15
A	REDRAWN ISSUED FOR PLANNING APPLICATION	KDAM	KDAM	KC	20.03.15
Rev	Revision details	Drn	Chk	App	Date

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Customer **SUNRISE RENEWABLES**

Project **BARRY ACT**

Title **SITE ELEVATIONS
D-D**

Drawn by:	KDAM	20.03.15	Checked by:	KC	20.05.15	Scale	1:500
Designed:	KDAM	20.03.15	Approved:	KC	20.03.15	Rev.	

Drawing number **E1627-2120** Rev. **B**

DISCUSSION/COMMENT

