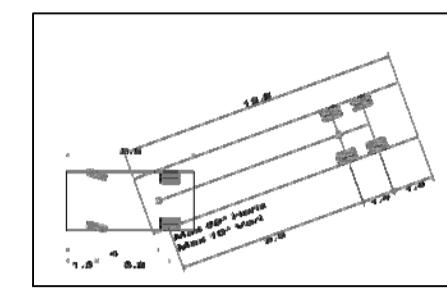


VALE OF GLAMORGAN COUNCIL  
AMENDED PLANS  
RECEIVED Date.....

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)

<b>Vehicle Name:</b> 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

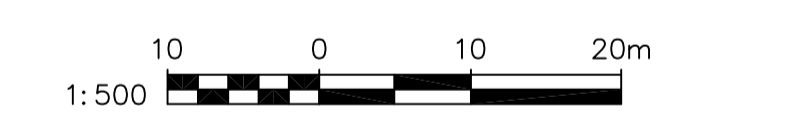


<b>FTA Design Articulated Vehicle (1983)</b>	
Overall Length:	15.500m
Overall Width:	2.500m
Overall Body Height:	3.695m
Min Body Ground Clearance:	0.427m
Track Width:	2.500m
Lock to Lock Time:	6.00s
Kerb to Kerb Turning Radius:	6.750m

<b>Vehicle Tracking Vehicle Details Ref: 100042</b>	
<b>Unit Name:</b> 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 / 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

<b>Unit Name:</b> 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 E1426-2003 ISSUED FOR DISCUSSION	JW	MVG	KC	20.03.15
Rev	Revision details	Drn	Chk	App	Date
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<b>Intech</b>		Intech House 5 Newlands Court Attwood Road Burntwood Staffordshire WS7 3GF Tel: 01543 496600 Fax: 01543 496601			
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	20.03.15
Designed:	KDAM	20.03.15	Approved:	KC	20.03.15
Drawing number	E1627-2103				Rev.
<b>DISCUSSION/COMMENT</b>					A