

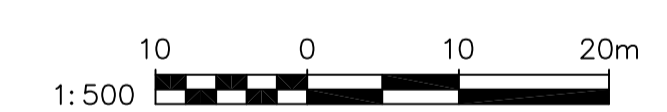
**THE VALE OF
GLAMORGAN COUNCIL**
TOWN AND COUNTRY PLANNING ACT 1990
APPROVED
SUBJECT TO COMPLIANCE WITH CONDITIONS (IF ANY)

**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:	-1.300m
Offset (X,Y):	
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:	-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

THIS DESIGN & DRAWING IS CONFIDENTIAL AND IT AND THE COPYRIGHT THEREIN ARE THE PROPERTY OF WHICH PROCESS LTD. THIS DRAWING IS SUPPLIED ON THE CONDITION THAT IT MUST NOT BE USED OR EXHIBITED WITHOUT THEIR WRITTEN PERMISSION AND THAT IT SHALL BE USED ONLY AS A REFERENCE TO WORK BY THE ABOVE NAMED COMPANY.

Intech

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 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