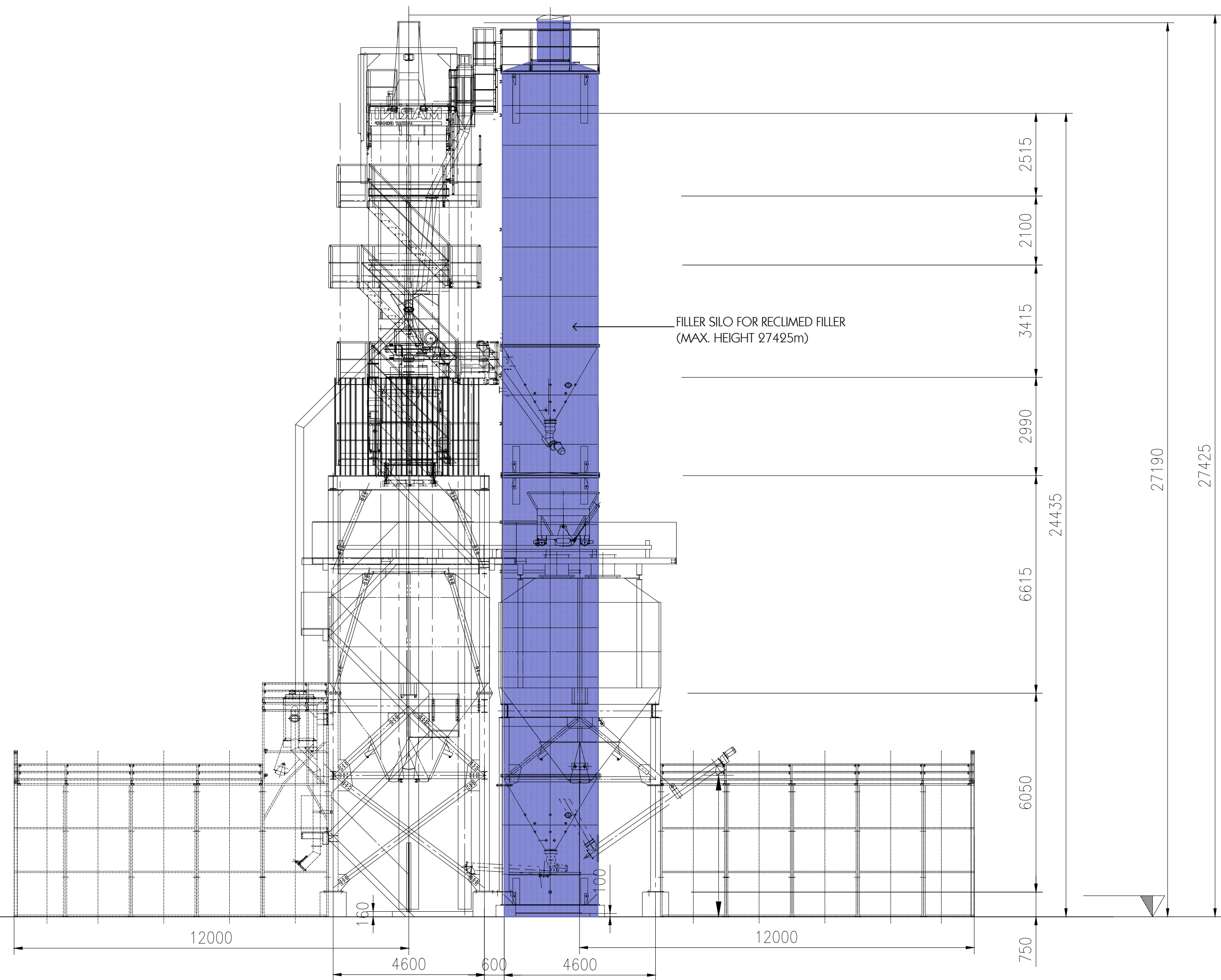


A SECTION
A01



B SECTION
B01

Issue:	By:	Description:	Date:	GENERAL NOTES				Consultants:	Date:	NOV. 2017	<div>ALGORRY ZAPPIA & ASSOCIATES PTY. LTD.</div> <div>ABN:43 004 950 690</div> <div>Suite 4, Level 1, 84 Bathurst Street, Liverpool, NSW 2170</div> <div>P.O. Box 805, Liverpool Business Centre, NSW 1871</div> <div>Tel: 9602 3133 / 9602 0303 Fax: 9601 6903</div> <div>E-mail: admin@algorryzappia.com.au</div> <div>Web: www.algorryzappia.com.au</div>	Project:	Proposed Construction & Operation of Asphalt Batching Plant & Recycling Facility At: Lot 2 DP 1123169 No. 60 Argyle Street South Windsor								
A	B	MC FOR DA FOR DA	19-07-2016 22-06-2018	1) All dimensions and floor areas are to be verified by the Builder prior to the commencement of any building work. Any discrepancies are to be brought to the attention of the designer. 2) Levels shown are approximate unless accompanied by reduced levels. 3) Figured dimensions must be taken in preference to scaling. 4) All boundary clearances must be verified by the surveyor prior to the commencement of any building works. 5) Where engineering drawings are required such must take preference to this drawing. 6) Stormwater to be discharged to Council's requirements and AS 3500.3-1995. 7) All services to be located and verified by the Builder with relevant authorities before any building work commences.								Client:	HAWKESBURY ECO ASPHALT PTY LTD								
													Project No.:	P4355							
				COPYRIGHT: This design and the associated documents is subject to copyright laws and may not be reproduced in any form without written consent from Algorry Zappia & Associates Pty Ltd.									Title:	SECTIONS	Activity Type:	DA	Job No.:	1989-15	Sheet No.:	A04	Issue:

Reliability, Including Sustainable Environmentally Friendly Practises - Achieved through Scientific Development and Innovation

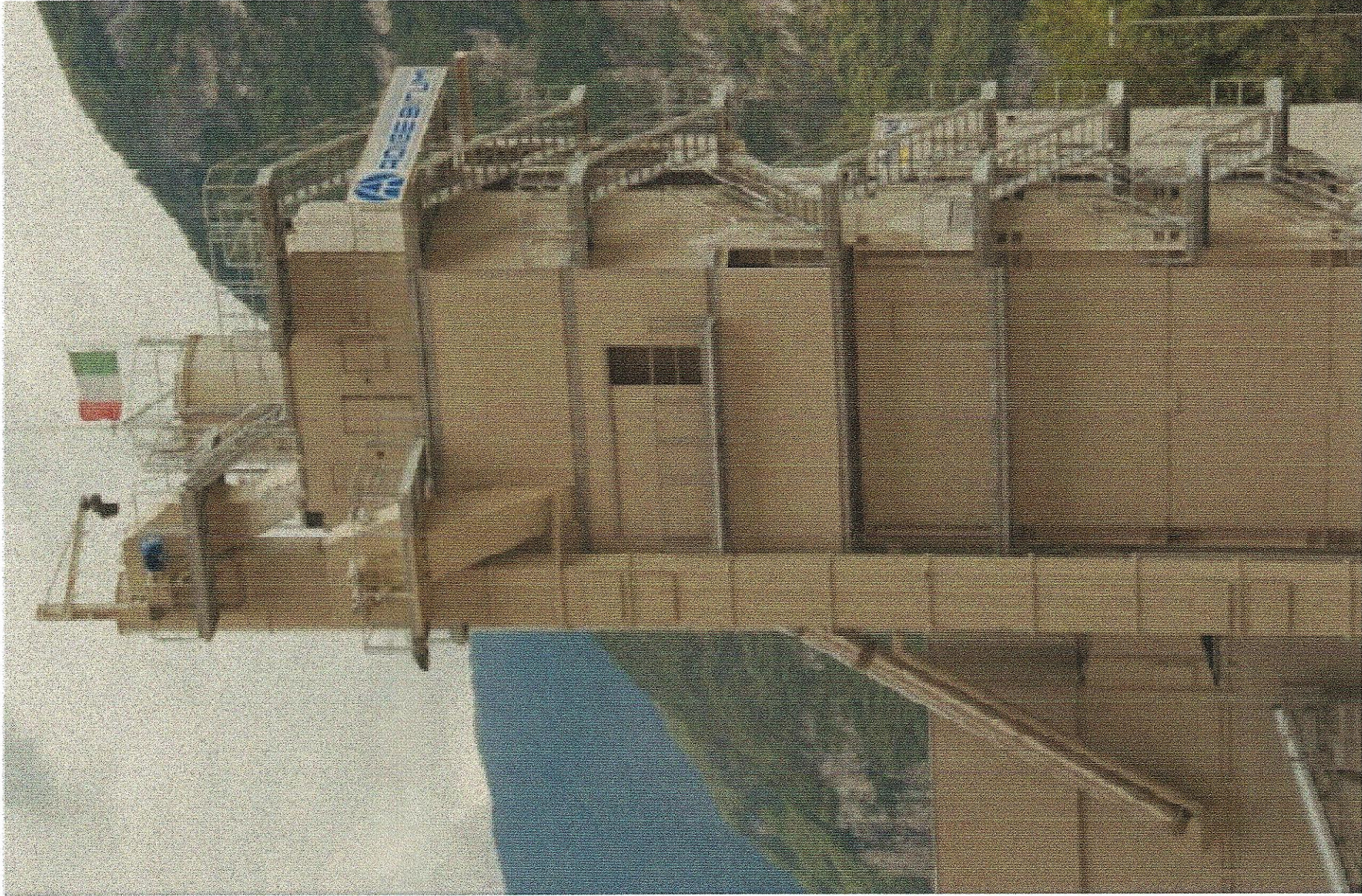
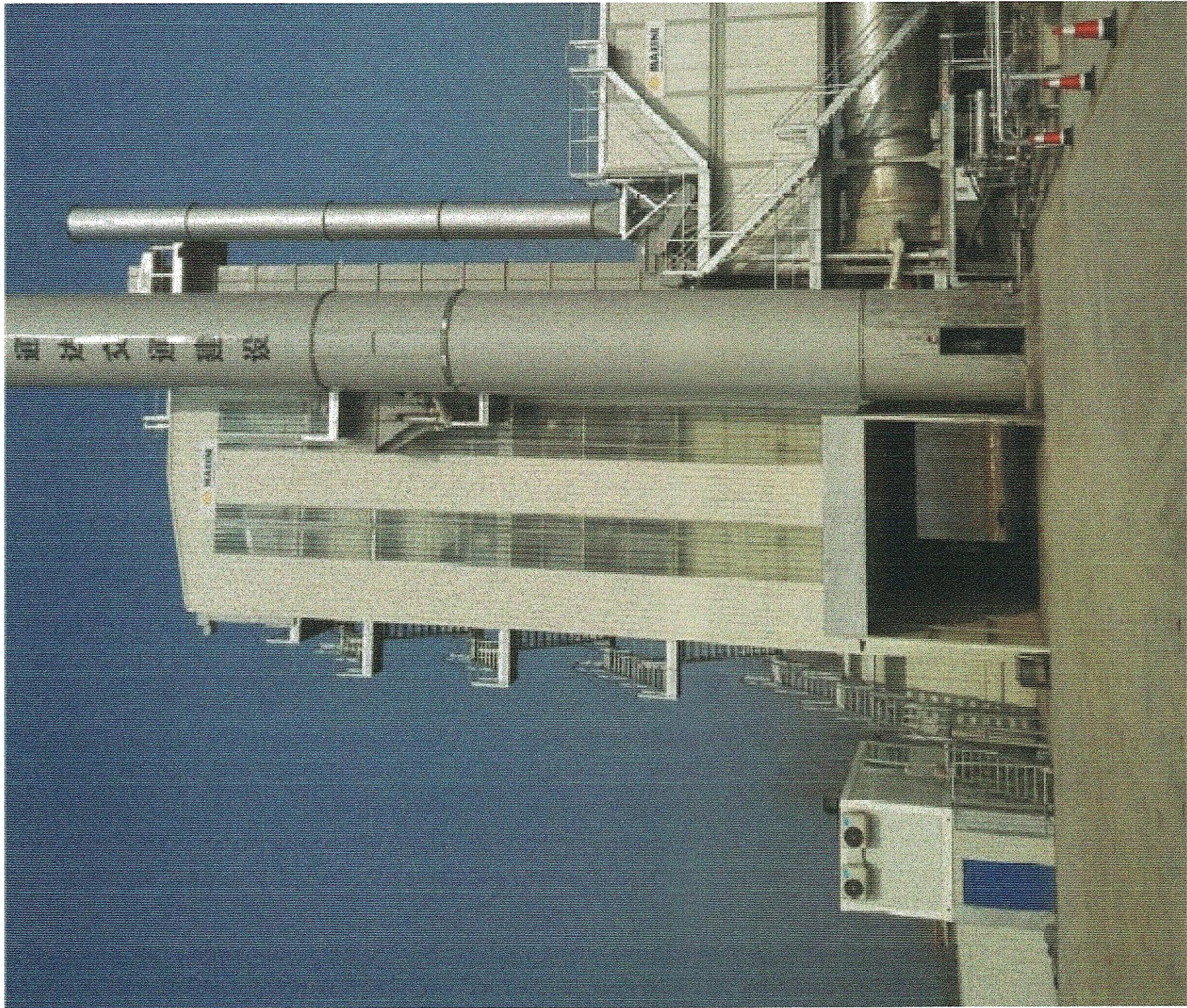
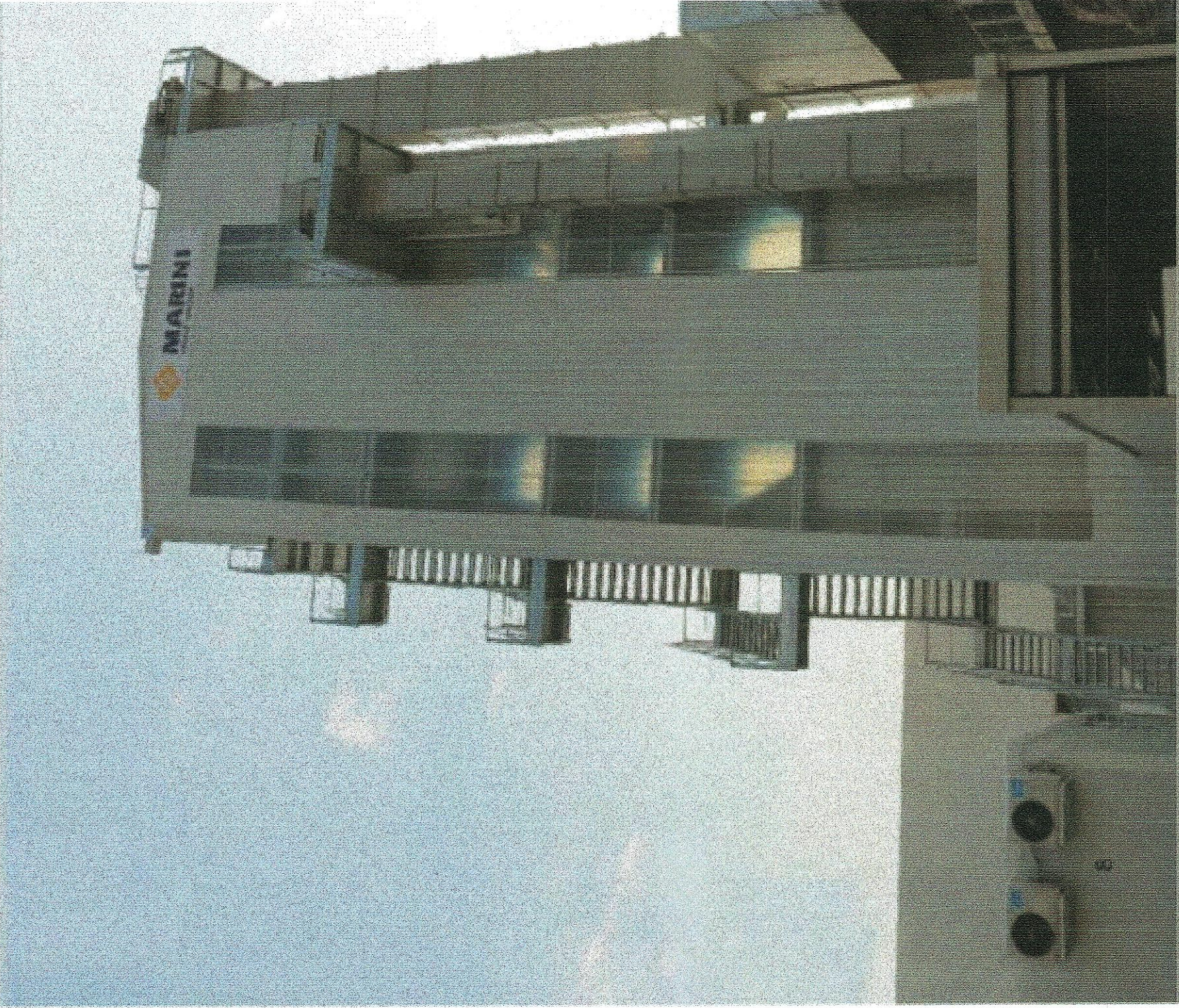
Quality and Environmentally sustainable practise is fundamental to the design of Marini Asphalt Plants. Our plants are designed with the aim to reduce air, noise and odour emissions and our latest MAC series plants excel in meeting and exceeding EPA requirements around the Globe. There are more than 4000 Marini plants operational world-wide and the last two new Asphalt Plant Established in the Sydney area are Marini Plants.

Environment

- Innovative design reduces electricity demand and fuel consumption, resulting in significantly reduced CO₂ emissions
- The mixing tower, screen house and bag filter will be fully cladded to ensure noise reduction and dust elimination
- The plant has a very small footprint and being cladded, visually integrates readily with surrounding factories and buildings.

Energy Savings

- By positioning the bag filter above the dryer drum and by re-designing the drying-filter unit, the gas and recovering fines circuit have been optimised.
- Thanks to the shorter dryer-filter ducting, the gasses at the dryer outlet loses less heat and the burner fuel consumption is significantly reduced.
- Recovered fines are efficiently collected through gravity feeding it into the hopper under the bag filter. The fines are stored in the silo next to the fines weigh hopper, eliminating screw conveyors and thereby reducing electricity consumption and the risk of dust pollution.



APPROXIMATE REPRESENTATION OF POSSIBLE DA ELEVATIONS
FOR: No. 60 Argyle Street, South Windsor

- ### Improved Ergonomics
- Optimized layout reduces
 - the plant footprint
 - improves and reduces the movement of trucks and front-end loader to streamline materials handling, while limiting noise and fuel emissions.
 - the spacious and well-appointed control cabin offers a clear overview of the plant, material bunkers and bitumen tanks
 - all the electrical control cabinets are housed with the control cabin and allows for easy and safe access during maintenance or break downs.
 - Well-designed stair cases allow easy and safe access to all the plant modules.

Easy Maintenance

- Smart and efficient drive systems reduce electricity demand and lowers maintenance needs
- Self-lubricating systems are well laid out to reduce maintenance time

The asphalt load area is fully enclosed with quick shutting roller doors. This area is kept at negative pressure when the doors are closed and eliminates the possibility of any smoke or odour escaping when the trucks are loaded.

Issue	By	Description	Date	GENERAL NOTES	Consultants	Date	NOV. 2017
A	MC	FOR DA	02-06-2018	<div>1) All dimensions and floor areas are to be verified by the Builder prior to the commencement of any building work. Any discrepancies are to be brought to the attention of the designer.</div> <div>2) Levels shown are approximate unless accompanied by raised levels.</div> <div>3) Figure dimensions must be taken in preference to readings.</div> <div>4) All work is to be carried out in accordance with the requirements of the relevant building codes and standards.</div> <div>5) Where engineering drawings are required, they must take preference to this drawing.</div> <div>6) Structures to be designed to Council's requirements and AS 3602.1-1990.</div> <div>7) All materials to be tested and verified by the Builder with relevant authorities before any building work commences.</div> <div>COPYRIGHT: The design and the associated documents is subject to copyright laws and may not be reproduced in any form without written consent from Argory, Zappia & Associates Pty Ltd.</div>	ALGORRY ZAPPIA & ASSOCIATES PTY. LTD. Consulting Civil & Structural Engineers & Building Designers Suite 4, Level 1, 68 Bathurst Street, Liverpool, NSW 2170 Australia Tel: 9609 3133 / 9609 0303 Fax: 9601 6903 E-mail: admin@algorryzappia.com.au Web: www.algorryzappia.com.au	NOV. 2017	
						Drawn	NTS
						Checked	MC
						Certified	CZ

Project No.	P4355
Sheet No.	Issue
Job No.	1989-15
Activity Type	DA
Activity	OF ELEVATIONS

Project	Proposed Construction & Operation of Asphalt Batching Plant & Recycling Facility At: Lot 2 DP 1193169 No. 60 Argyle Street South Windsor
Client	HAWKESBURY ECO ASPHALT PTY LTD
Title	APPROXIMATE REPRESENTATION