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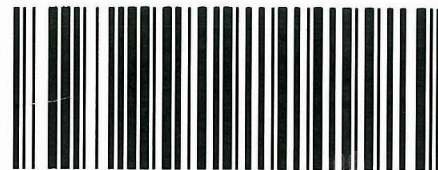
MANILDRA GROUP

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SHOALHAVEN MILLING COMPANY - MANILDRA FLOUR MILLS PTY. LTD. - MANILDRA STARCHES PTY. LTD. - MANILDRA SUGARS
SHOALHAVEN STARCHES PTY. LTD. - TASMAN STARCHES PTY. LTD. - MANILDRA STOCKFEED PTY. LIMITED
NAMOI FLOUR MILLS PTY. LIMITED - MANILDRA ENERGY AUSTRALIA PTY. LTD. - MANILDRA MILLING CORPORATION - U.S.A.

23 December 2010

Mr Chris Ritchie
Manager, Industry
Mining & Industry Projects
Department of Planning
PO Box 39
SYDNEY NSW 2001



PCU018336

Dear Chris

**Re: Shoalhaven Starches Amended Mandatory Odour Controls
(MP 06_0228 MOD 1)**

Department of Planning
Received

10 JAN 2011

Scanning Room

I refer to the above modification and letters between the Department of Planning and Shoalhaven Starches, together with reports prepared on our behalf which have been submitted to the Department of Planning regarding the deferral of the DDG Pelletising Plant.

This letter provides additional information as requested in the form of a letter Reference 231 from ME Engineering dated 21 September 2010 and Design Drawings:

- MN103-001 – Proposed DDG Out Load Additions Northern Elevation
- MN103-002 – Proposed DDG Out Load Additions Plan
- MN103-003 – Proposed DDG Out Load Additions Northern Elevation

You will note from the ME Engineering letter that discussions have been held with DECCW in Queanbeyan regarding the proposed modifications to the DDG Load Out.

The Department's approval of the deferral of the DDG Pelletising Plant and the modification to the Project Approval 06-0228 to remove the requirement from Appendix 3 Mandatory Odour Controls to Pelletise DDG product is requested.

If you require any additional information please do not hesitate to contact the undersigned. However, a prompt response approving the modification would be appreciated.

Yours faithfully

BRIAN A HANLEY

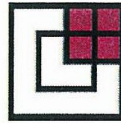
MANAGER

ENERGY & SUSTAINABILITY

SHOALHAVEN STARCHES PTY LTD

Our Ref: 231

21st December 2010
Manildra Group
PO Box 123
NOWRA NSW 2541



M.E. ENGINEERING
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Millar Egger Pty Ltd ABN 87 085504561

Attention: Mr Brian Hanley

Dear Sir,

RE: Odour Control Project, Bomaderry Site

The following is a summary of the changes proposed and made to the DDG plant area.

- 1) A ducting system has been installed in the DDG plant to collect odourous discharges from sources nominated in the GHD report and direct them to the boilers. Existing connections from the non-condensables discharge fans and cyclone transfer fans remain connected to the boilers as previous.
- 2) It is proposed to reroute the Palmer cooler discharge stack to the boiler and contracts will be let directly for this.
- 3) A ducting system has been installed to collect all odourous discharges nominated in the GHD report for the evaporator plant area and direct them to a new biofilter via a venturi scrubber and cyclone separator. The capacity of the biofilter is sufficient for additional fume to be sent to it from the proposed new DDG loadout ventilation system. Ducting for this source is in place and awaiting connection.
- 4) The DDG loadout area will also be modified as follows.
 - a. Extend the existing loadout awning to the south and fit each end of the shed with a motorised roller door configured such that at all times either the North or South door will be closed when a truck is loading DDG. This will eliminate the wind tunnel effect now experienced and eliminate powder drifting out of the load out area.
 - b. The truck loadout chutes will be fitted with Moduflex Bellow Feeders. See photo attached. The basic design criteria for loading shall be for the chute to be located along the length of the truck (with FlexPositioner option) and then lowered into the truck till it reaches the floor and loading can start. The chute automatically raises as the truck fills. Once it has reached a pre-set point or the operator stops the system it will stop filling and rise to it's maximum height. It can then be moved or the truck can be moved to continue filling. The feeder is fitted with a dust extraction

system and dust collector which collects all dust at the discharge point.
The exhaust from these units will be directed to the biofilter through the
existing ducting system as noted above.

The above concepts for the proposed new work were reviewed with Julian Thompson
at a meeting on the 6th December at the DECCW offices in Queanbeyan where he
expressed his support for the approach.

We trust this provides sufficient information for your purposes. Should you require any
further clarification please do not hesitate to contact me.

Yours faithfully,
M.E.Engineering

A handwritten signature in black ink, appearing to be 'R. Millar', written in a cursive style.

R.Millar

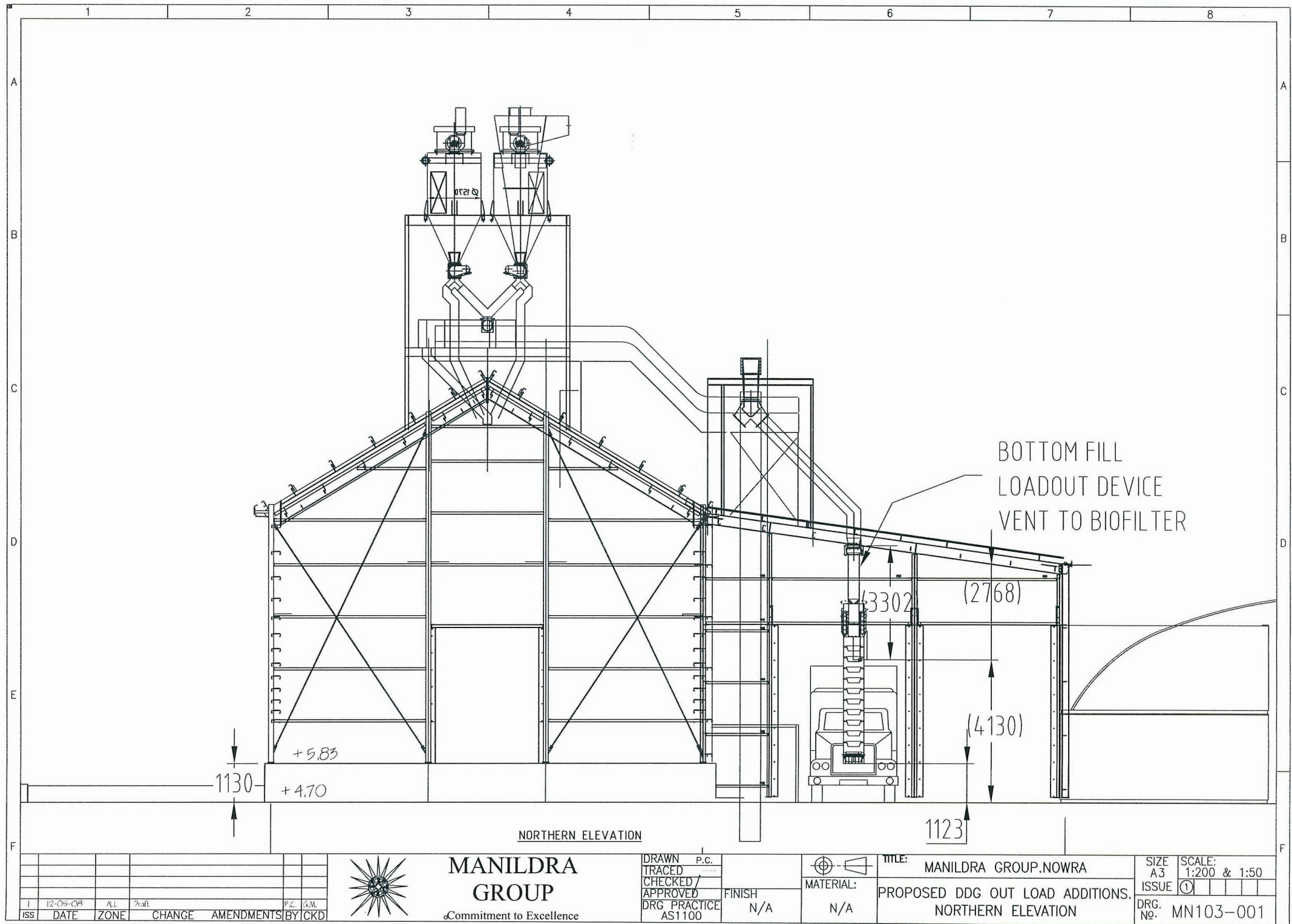
Attached: Loadout Moduflex unit in operation with and without dustcollector.

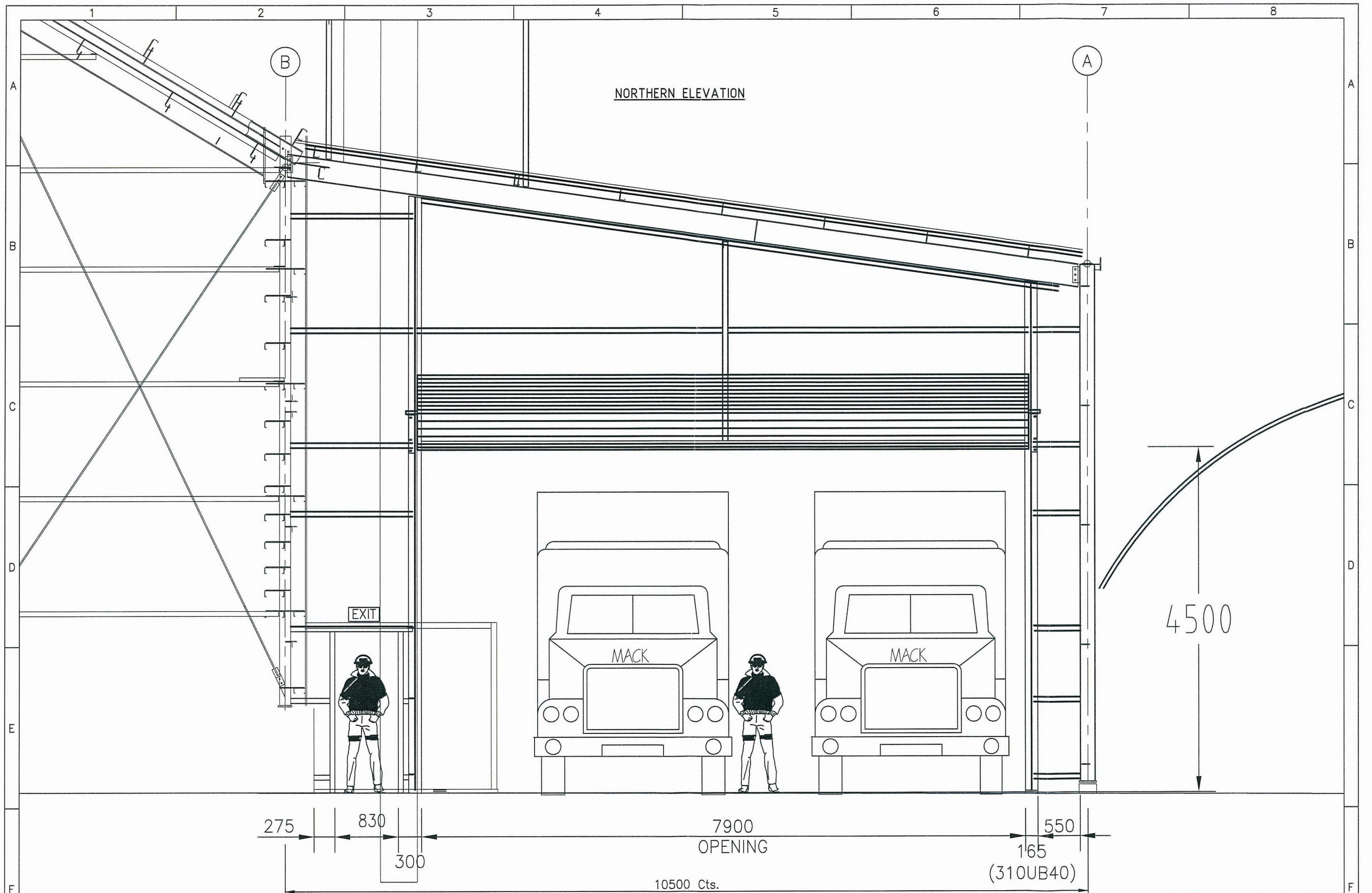


WITH DUST COLLECTOR ON

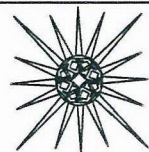


WITHOUT DUST COLLECTOR ON





ISS	DATE	ZONE	CHANGE	AMENDMENTS	BY	CKD
1	12-05-08	ALL	Draft		P.C.	G.M.



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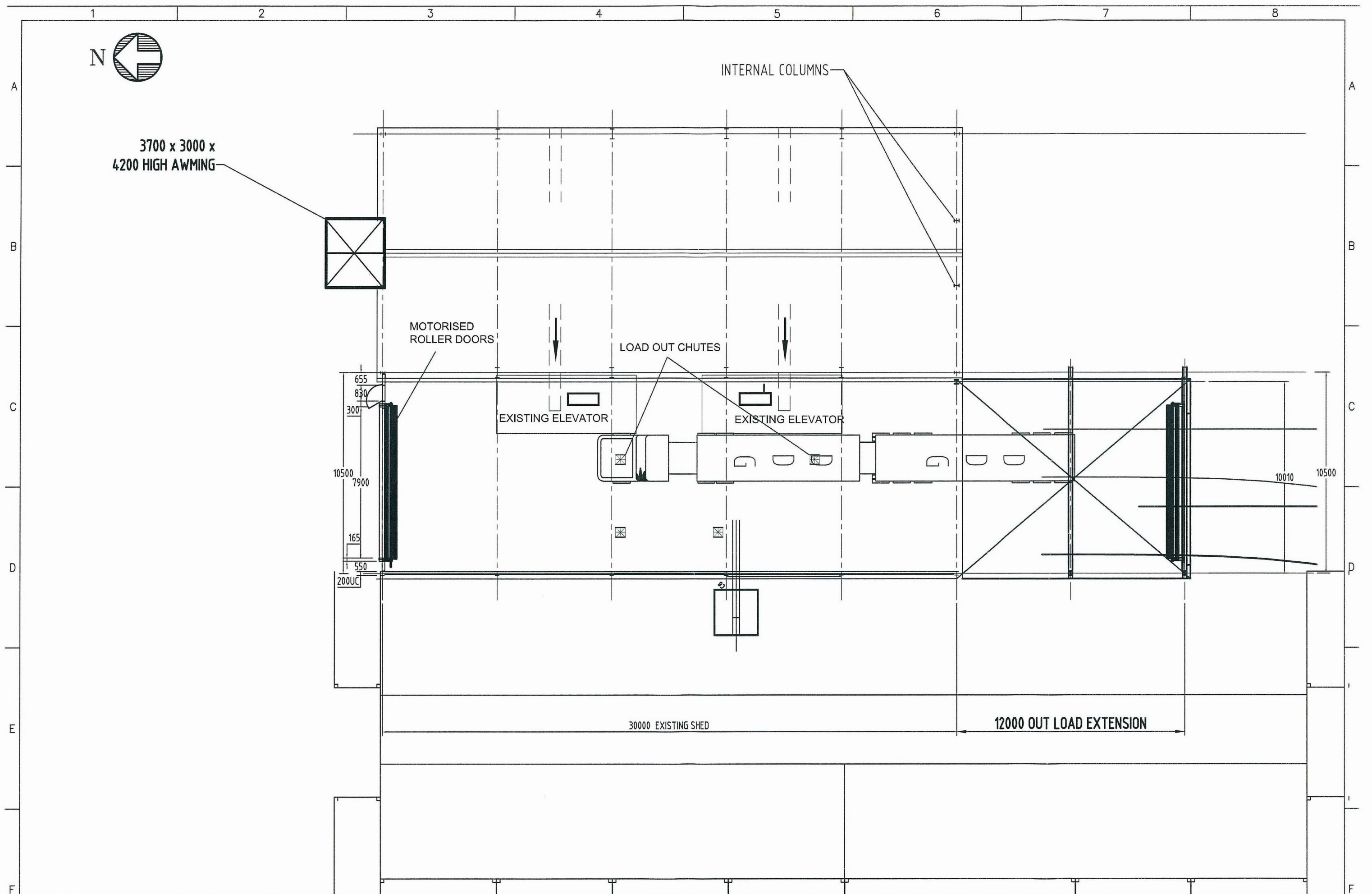
DRAWN P.C.
TRACED
CHECKED /
APPROVED
DRG PRACTICE
AS1100

FINISH
PAINT

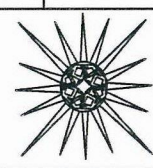
MATERIAL:
MS

TITLE: MANILDRA GROUP.NOWRA
PROPOSED DDG OUT LOAD ADDITIONS.
NORTHERN ELEVATION

SIZE A3
SCALE: 1:50
MANILDRA-4945
DRG. No. MN103-003



2	27-02-09	ALL	Added dust collector footprint.	P.C.	
1	13-05-08	ALL	Draft	P.C. G.M.	
ISS	DATE	ZONE	CHANGE	AMENDMENTS BY	CKD



**MANILDRA
GROUP**
Commitment to Excellence

DRAWN P.C.
TRACED
CHECKED /
APPROVED
DRG PRACTICE
AS1100

FINISH
N/A

MATERIAL:
N/A

TITLE: MANILDRA GROUP.NOWRA
PROPOSED DDG OUTLOAD ADDITIONS.
PLAN

SIZE A3
SCALE: 1:200
ISSUE ①
DRG. No. MN103-002