


## **APPENDIX A ELECTRICAL INFORMATION**

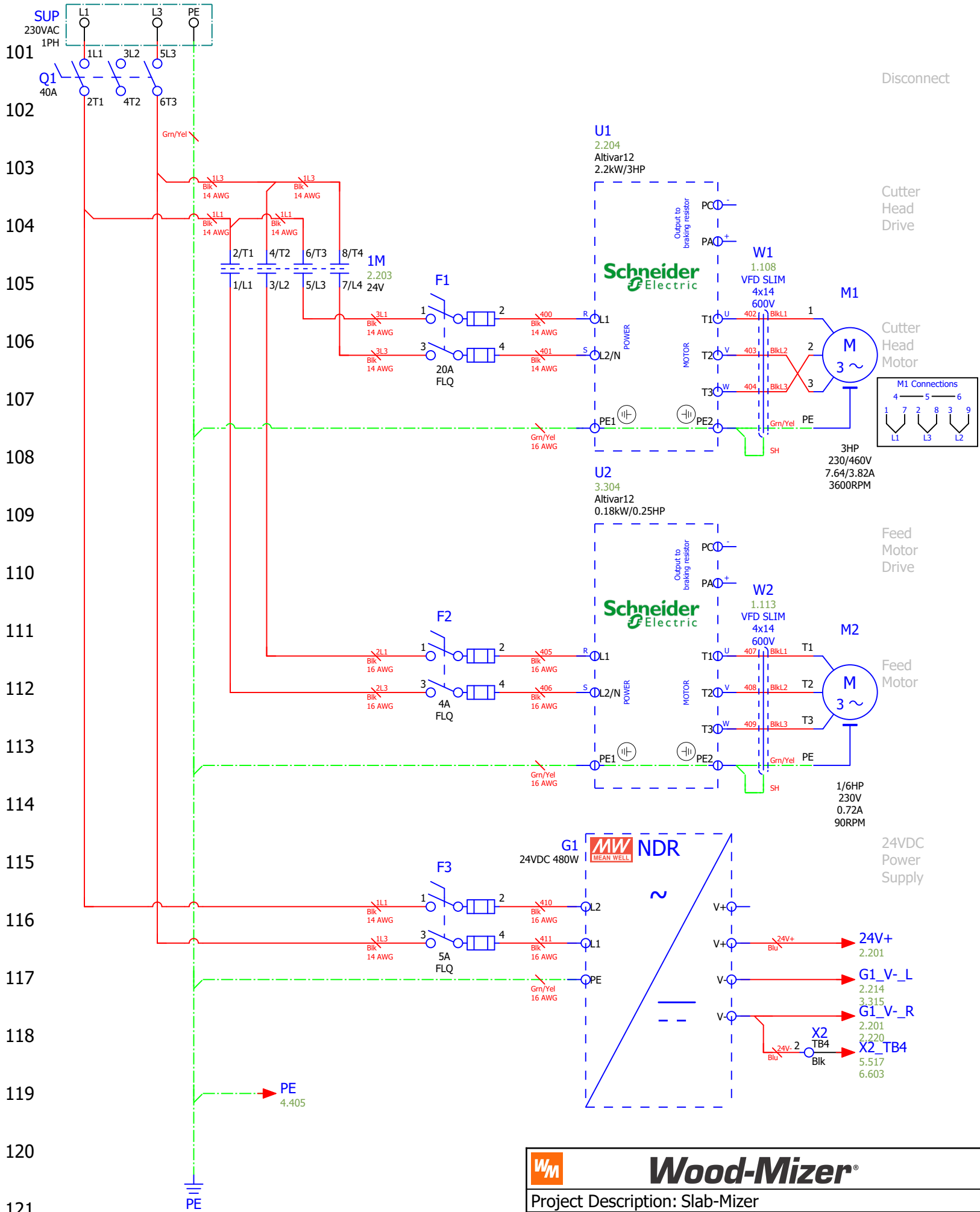
**MB200EA3U SlabMizer AutoFeed Rev. A1.00+**



# Revision History

Date	Revision	Revision Record	Drawn By	Checked By
7/31/19	A1.00	Release to production	JRF	SDC

		<b>Wood-Mizer®</b>	
Project Description: Slab-Mizer			
Revision:	A1.00	Pg Desc: Revision History	
Mounting Location: +		Type: Overview	
Prev. pg: 0A1	Page: 0B1	Next pg: 1	Total Pgs: 19



Disconnect

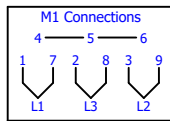
Cutter Head Drive

Cutter Head Motor

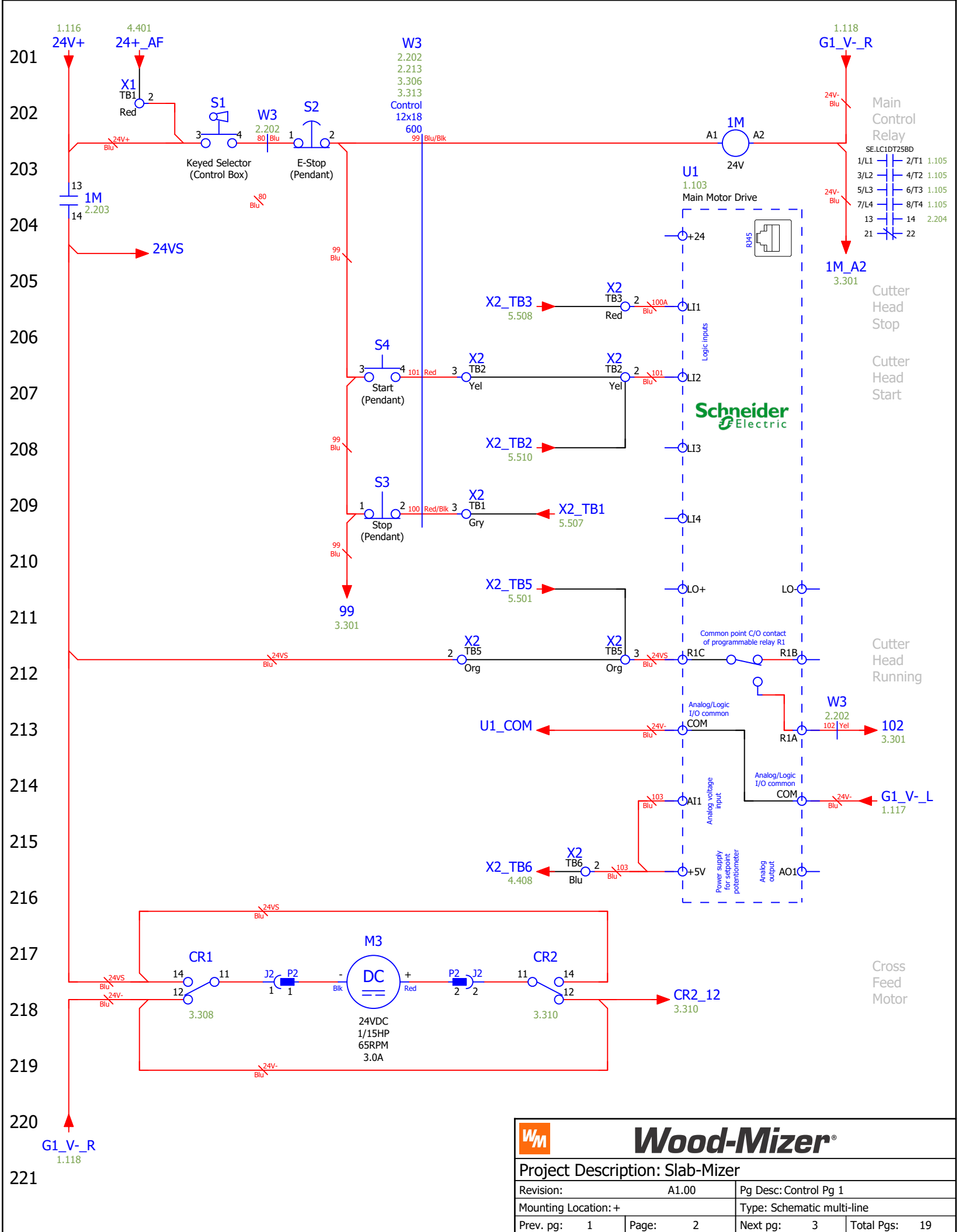
Feed Motor Drive

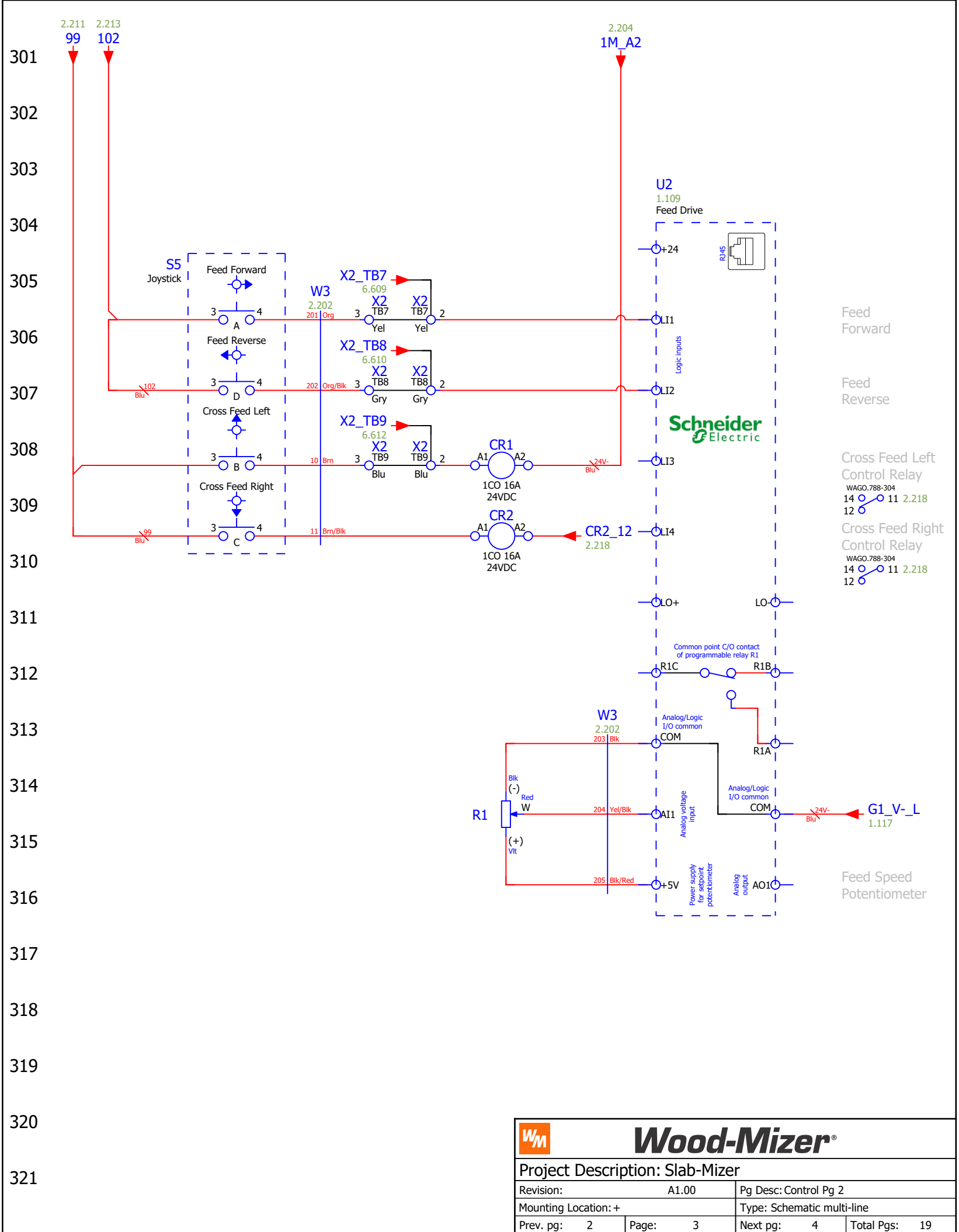
Feed Motor

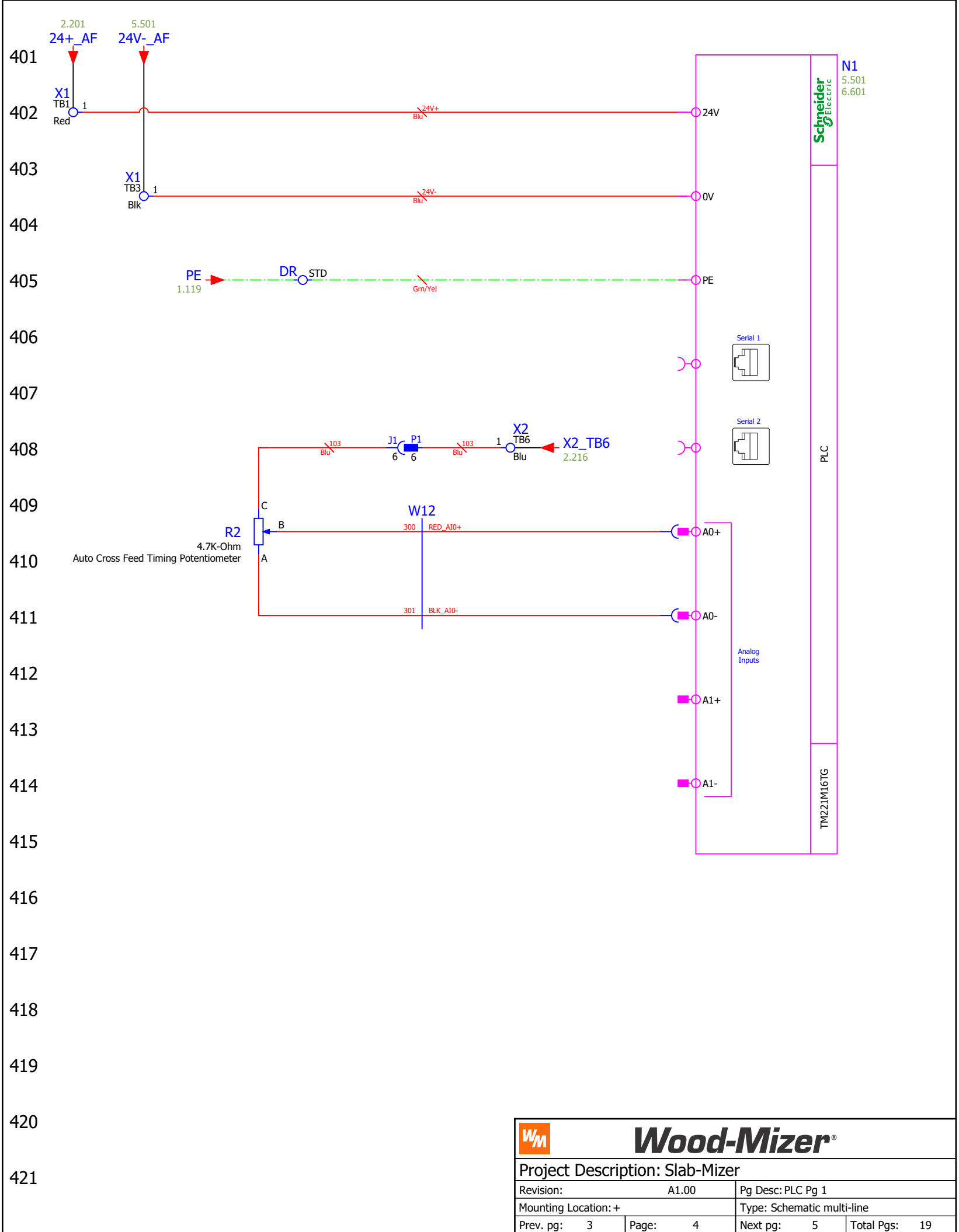
24VDC Power Supply

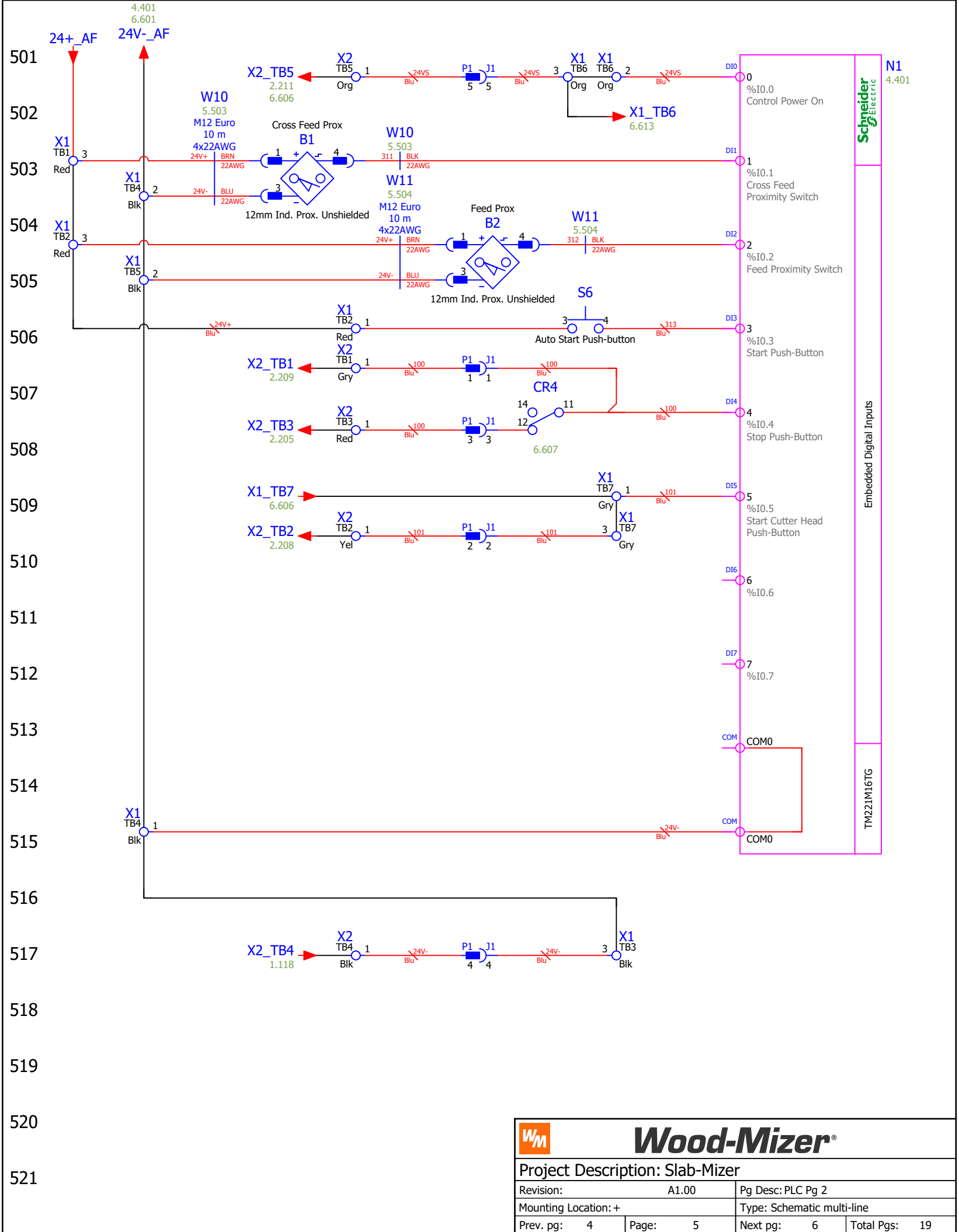


Project Description: Slab-Mizer			
Revision:	A1.00	Pg Desc: Power Pg 1	
Mounting Location:	+	Type: Schematic multi-line	
Prev. pg:	0B1	Page:	1
		Next pg:	2
		Total Pgs:	19







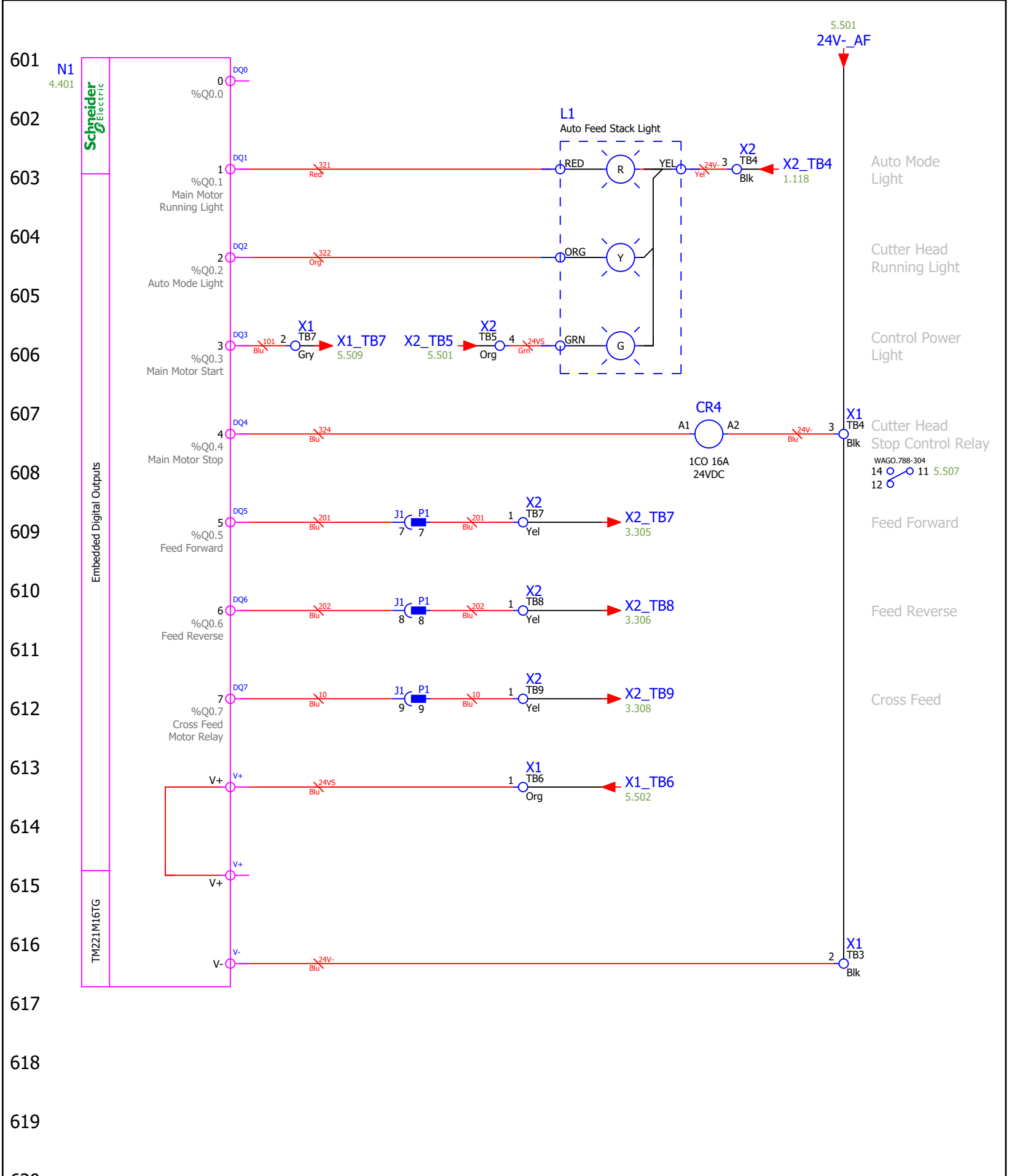


Schneider Electric  
N1 4.401

Embedded Digital Inputs

TM221M16TG









# Terminal line-up diagram

Terminal strip X1								
Terminal				Jumper		End Plate	Remark	Terminal X-Ref
Ref. Des.	Level	P/N	Description	Diagram	P/N	P/N		
TB1	0			●				4.02
TB2	0			●				5.06
TB3	0			●				4.03
TB4	0			●				5.15
TB5	0			●				5.05
TB6	0							6.13
TB7	0							5.09

		<b>Wood-Mizer®</b>	
Project Description: Slab-Mizer			
Revision:	A1.00	Pg Desc: Terminal Diagram X1	
Mounting Location: +		Type: Terminal line-up diagram	
Prev. pg:	C1	Page:	D1
		Next pg:	D2
		Total Pgs:	19

# Terminal line-up diagram

Terminal strip X2								
Terminal				Jumper		End Plate	Remark	Terminal X-Ref
Ref. Des.	Level	P/N	Description	Diagram	P/N	P/N		
TB1	0			↓				5.07
TB2	0			↓				5.10
TB3	0			↓				5.08
TB4	0			↓				5.17
TB5	0			↓				5.01
TB6	0			↓				4.08
TB7	0			↓				6.09
TB8	0			↓				6.10
TB9	0			↓				6.12

		<b>Wood-Mizer®</b>	
Project Description: Slab-Mizer			
Revision:	A1.00	Pg Desc: Terminal Diagram X2	
Mounting Location: +		Type: Terminal line-up diagram	
Prev. pg:	D1	Page:	D2
Next pg:	E1	Total Pgs:	19


# Cable Overview

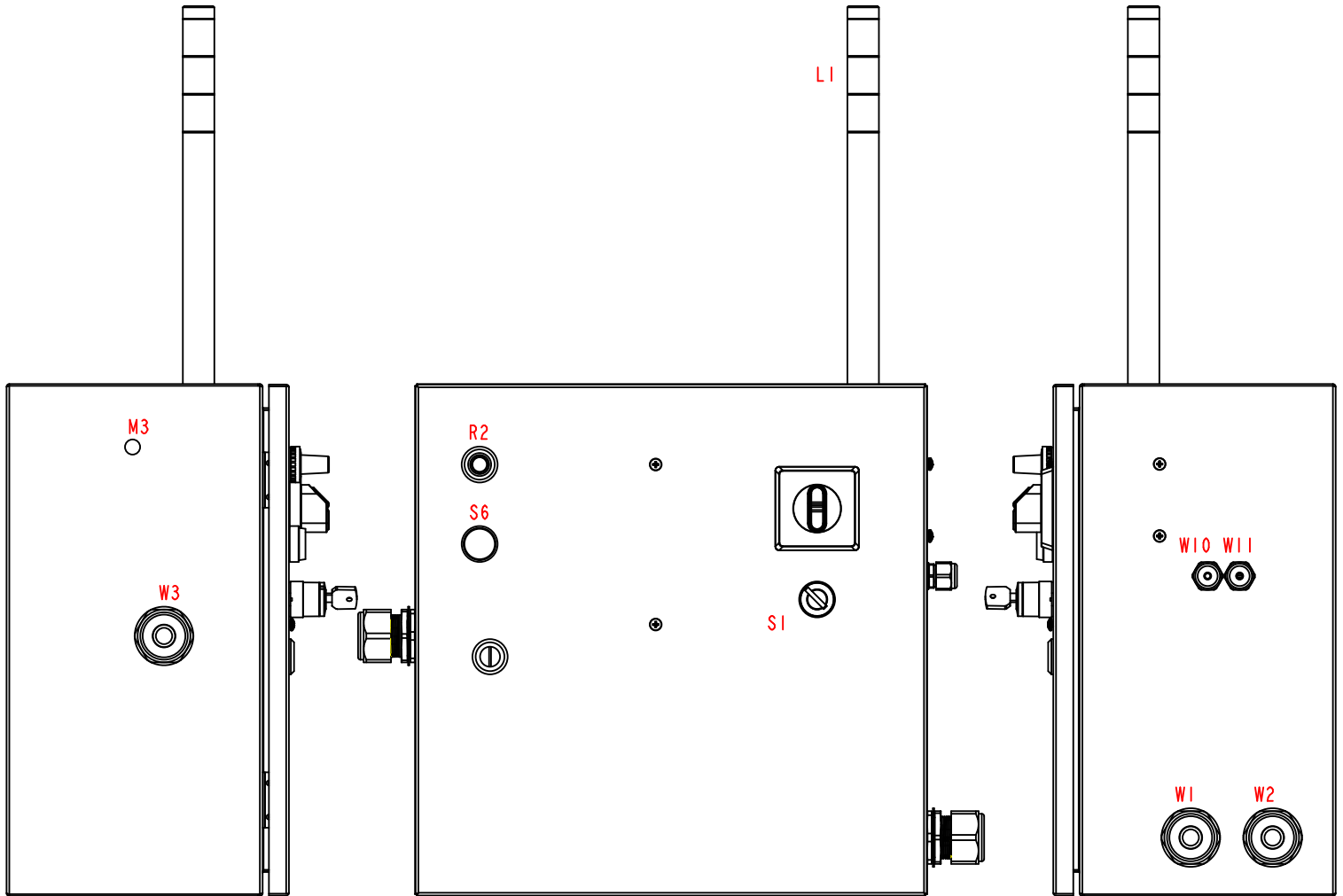
<b>Cable Designation</b>	<b>Cable Part Number</b>	<b>Cable Description</b>	<b>Cable X-Ref</b>
W1		Cutter Head Motor Cable	1.106
W2		Feed Motor Cable	1.111
W3		Operator Cable	2.202
W10		Cross Feed Proximity Switch Cable	5.503
W11		Feed Proximity Switch Cable	5.504
W12		Auto Cross Feed Timing Potentiometer Cable	4.409



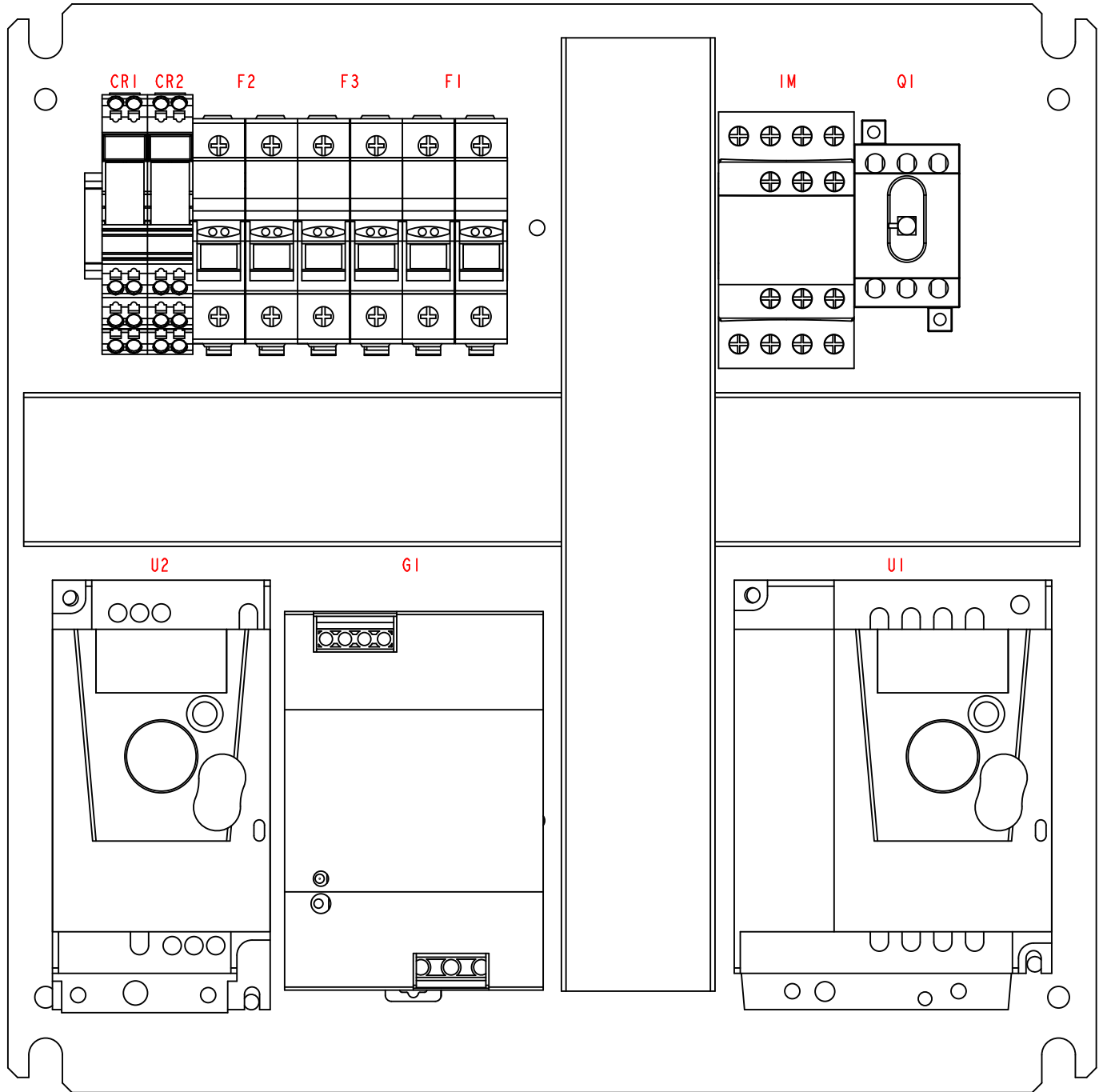
# Cable Manufacturer List

Cable Designation	Cable Manufacturer	Cable Manufacturer PN	Cable Description		Cable X-Ref
W1	LAPP	761404	Cable, 14AWG 4 Cond. Slim VFD Shielded	Cutter Head Motor Cable	1.106
W2	LAPP	761404	Cable, 14AWG 4 Cond. Slim VFD Shielded	Feed Motor Cable	1.111
W3	Belden	28329A 0105000	Cable, 18AWG 12 Conductor	Operator Cable	2.202
W10	MURR	7000-12221-2141500	Cable, Prox 12mm x 7m Straight	Cross Feed Proximity Switch Cable	5.503
W11	MURR	7000-12221-2141500	Cable, Prox 12mm x 7m Straight	Feed Proximity Switch Cable	5.504
W12	Schneider Electric	TMACBL1	Cable, M221 Analog Input	Auto Cross Feed Timing Potentiometer Cable	4.409

 <b>Wood-Mizer®</b>	
Project Description: Slab-Mizer	
Revision: A1.00	Pg Desc: Cable overview Mfg
Mounting Location: +	Type: Cable overview
Prev. pg: F1	Page: G1
Next pg: H1	Total Pgs: 19







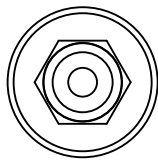
**Wood-Mizer®**

Project Description: Slab-Mizer

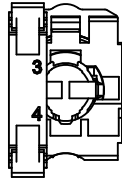
Revision: A1.00 Pg Desc: Main Control Insert

Mounting Location: + Type: Panel layout

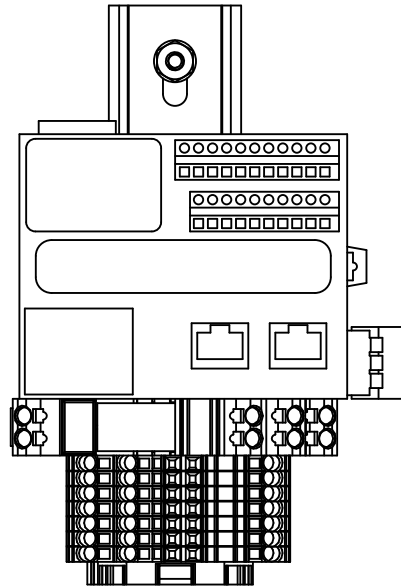
Prev. pg: H1 Page: H2 Next pg: H3 Total Pgs: 19



SI



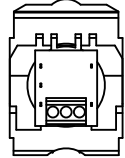
NI



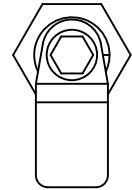
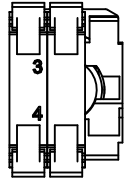
CR4

XI TBI-7

R2



S6



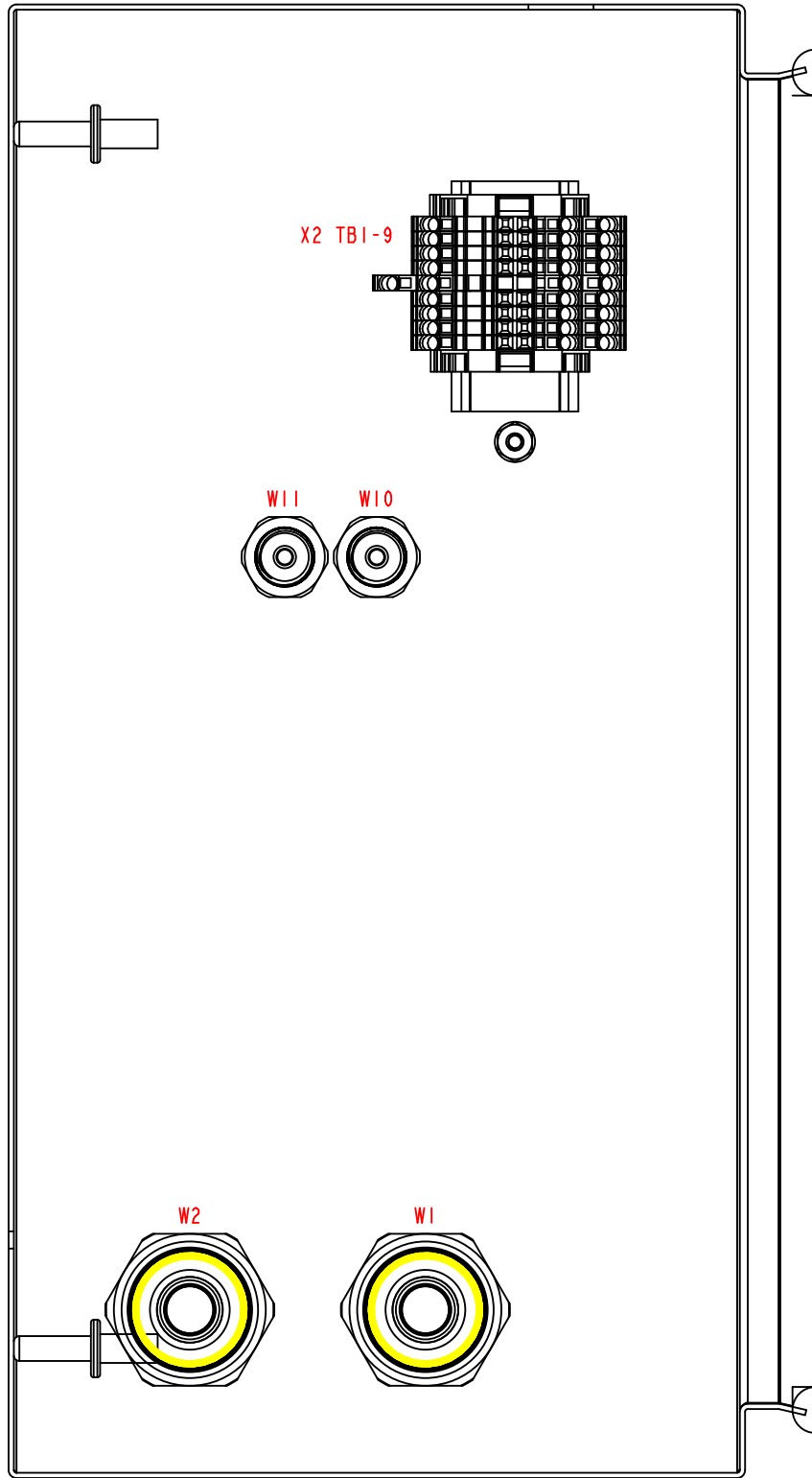
**Wood-Mizer®**

Project Description: Slab-Mizer

Revision: A1.00 Pg Desc: Main Control Door Inside

Mounting Location: + Type: Panel layout

Prev. pg: H2 Page: H3 Next pg: H4 Total Pgs: 19



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