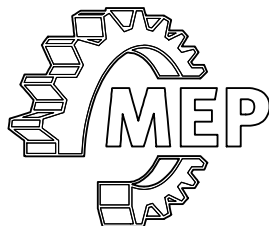


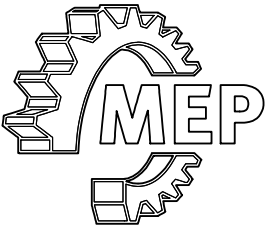
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LISTA FOGLI \ INDEX																									
Foglio Sheet	Descrizione Description	Revisione \ Revision											Foglio Sheet	Descrizione Description	Revisione \ Revision										
		0	1	2	3	4	5	6	7	8	9	0			1	2	3	4	5	6	7	8	9		
1	INDICE CONTENUTI											14	AUSILIARI ELETTOVALVOLE												
	CONTENT INDEX												SOLENOID VALVE AUXILIARY												
2	INDICE CONTENUTI											15	AUSILIARI INVERTER												
	CONTENT INDEX												INVERTER AUXILIARY CIRCUITS												
3	LEGENDA SIMBOLI											16	MEP32 E MEP31												
	SYMBOL KEY												MEP32 AND MEP31												
4	LEGENDA SIMBOLI											17	LISTA INPUT/OUTPUT MEP32												
	SYMBOL KEY												MEP32 INPUT/OUTPUT LIST												
5	ALIMENTAZIONE											18	LISTA INPUT/OUTPUT MEP31												
	POWER SUPPLY												MEP31 INPUT/OUTPUT LIST												
6	ALIMENTAZIONE MOTORI											19	INGRESSI MEP32												
	MOTOR POWER SUPPLY												MEP32 INPUTS												
7	ALIMENTAZIONE MOTORI											20	INGRESSI MEP32												
	MOTOR POWER SUPPLY												MEP32 INPUTS												
8	ALIMENTAZIONE TRASFORMATORI											21	USCITE MEP32												
	TRANSFORMER POWER SUPPLY												MEP32 OUTPUTS												
9	ALIMENTAZIONE VENTOLE											22	USCITE MEP32												
	FAN POWER SUPPLY												MEP32 OUTPUTS												
10	ALIMENTAZIONE AUSILIARI											23	INGRESSI ANALOGICI MEP32												
	AUXILIARY CIRCUIT POWER SUPPLY												MEP32 ANALOGIC INPUTS												
11	RELE SICUREZZA											24	INGRESSI MEP31												
	SAFETY RELAY												MEP31 INPUT												
12	RELE SICUREZZA INGRESSI											25	USCITE MEP31												
	INPUT SAFETY RELAY												MEP31 OUTPUT												
13	RELE SICUREZZA USCITE											26	COLLEGAMENTO ENCODER												
	OUTPUT SAFETYRELAY												ENCODER CONNECTION												

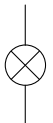
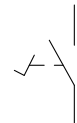
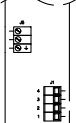
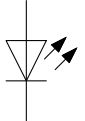
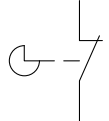
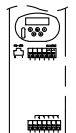
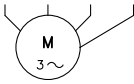
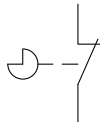
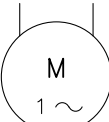
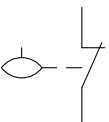
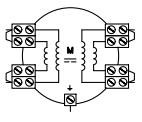
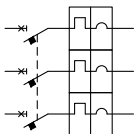
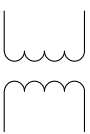
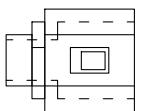
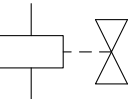
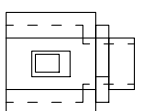
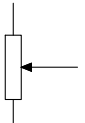
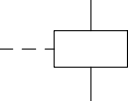
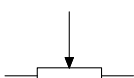
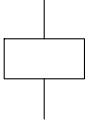
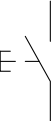
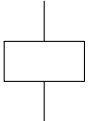
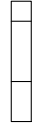
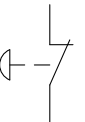
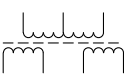
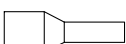
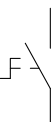
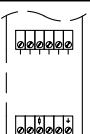
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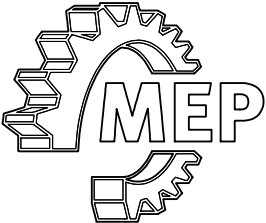
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				CAD SPAC		Commessa/Order DCM 20-30		Segue/Follow 2
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File DCM2030/1.dwg	Denominazione/Title INDICE CONTENUTI CONTENT INDEX	Esecutore/Executor		Ultimo/Last 215
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli	Data 05/10/2018				
0.1	Aggiunto FC testa bassa e EV sblocco discesa test	14-07-2009	Bartoli					
REV.	MODIFICA	DATA	FIRME					

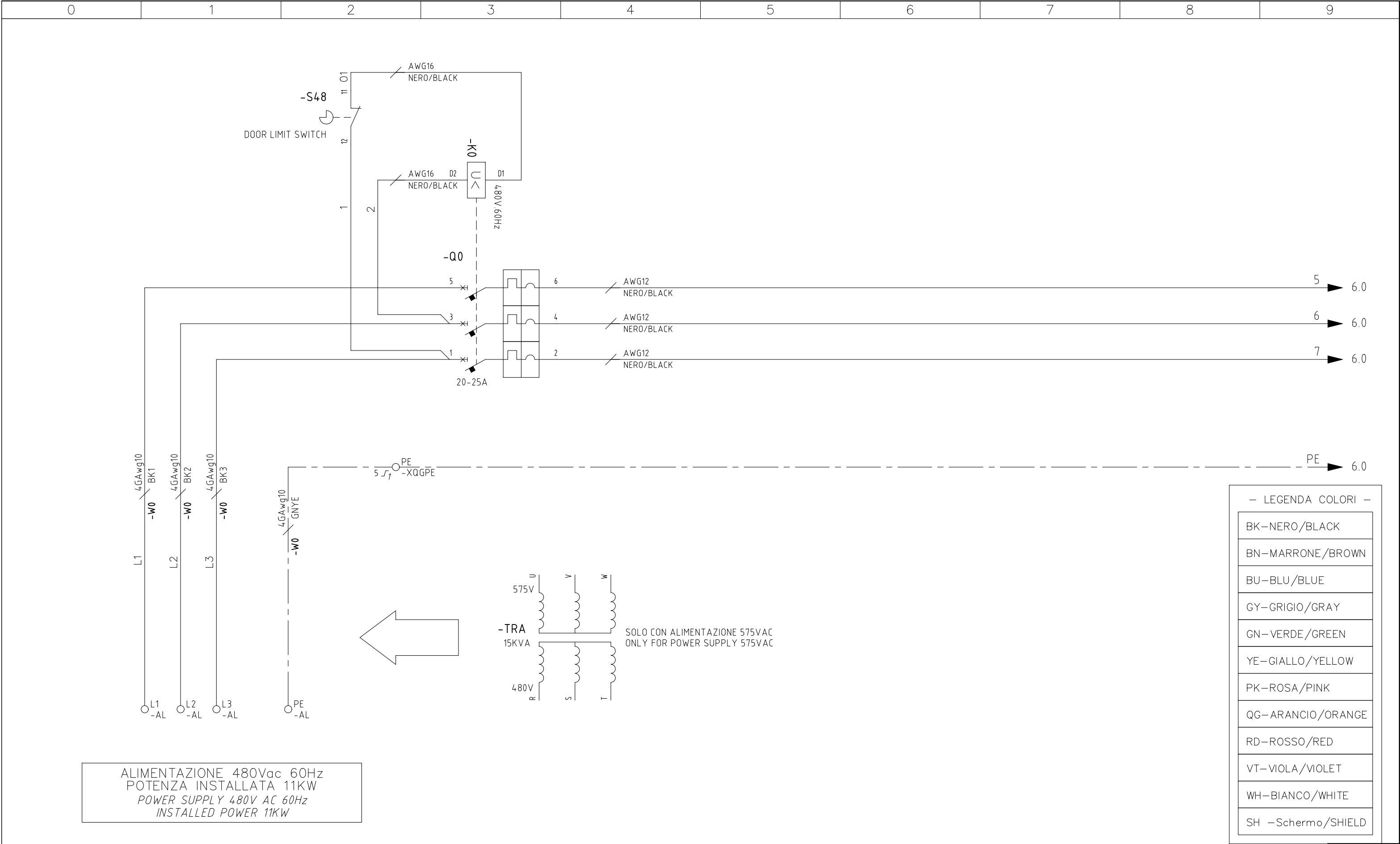
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LISTA FOGLI \ INDEX																									
Foglio Sheet	Descrizione Description	Revisione \ Revision											Foglio Sheet	Descrizione Description	Revisione \ Revision										
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27	OPTIONAL																								
	OPTIONAL																								
28	MORSETTIERA QUADRO																								
	PANEL TERMINAL BOARD																								
29	INTERNO QUADRO																								
	BOARD INSIDE																								
30	GUAINE E ACCESSORI																								
	SHEATHS AND ACCESSORIES																								
31	RIASSUNTIVO CAVI																								
	CABLE SUMMARY																								
32	RIASSUNTIVO CAVI																								
	CABLE SUMMARY																								
33	RIASSUNTIVO CAVI																								
	CABLE SUMMARY																								
34	RIASSUNTIVO CAVI																								
	CABLE SUMMARY																								
35	RIASSUNTIVO CAVI																								
	CABLE SUMMARY																								
36	RIASSUNTIVO CAVI																								
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37	DISTINTA MATERIALI																								
	MATERIAL LIST																								
38	DISTINTA MATERIALI																								
	MATERIAL LIST																								
39	DISTINTA MATERIALI																								
	MATERIAL LIST																								

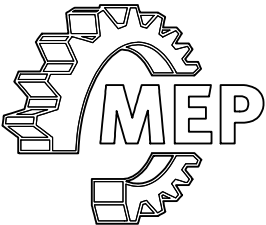
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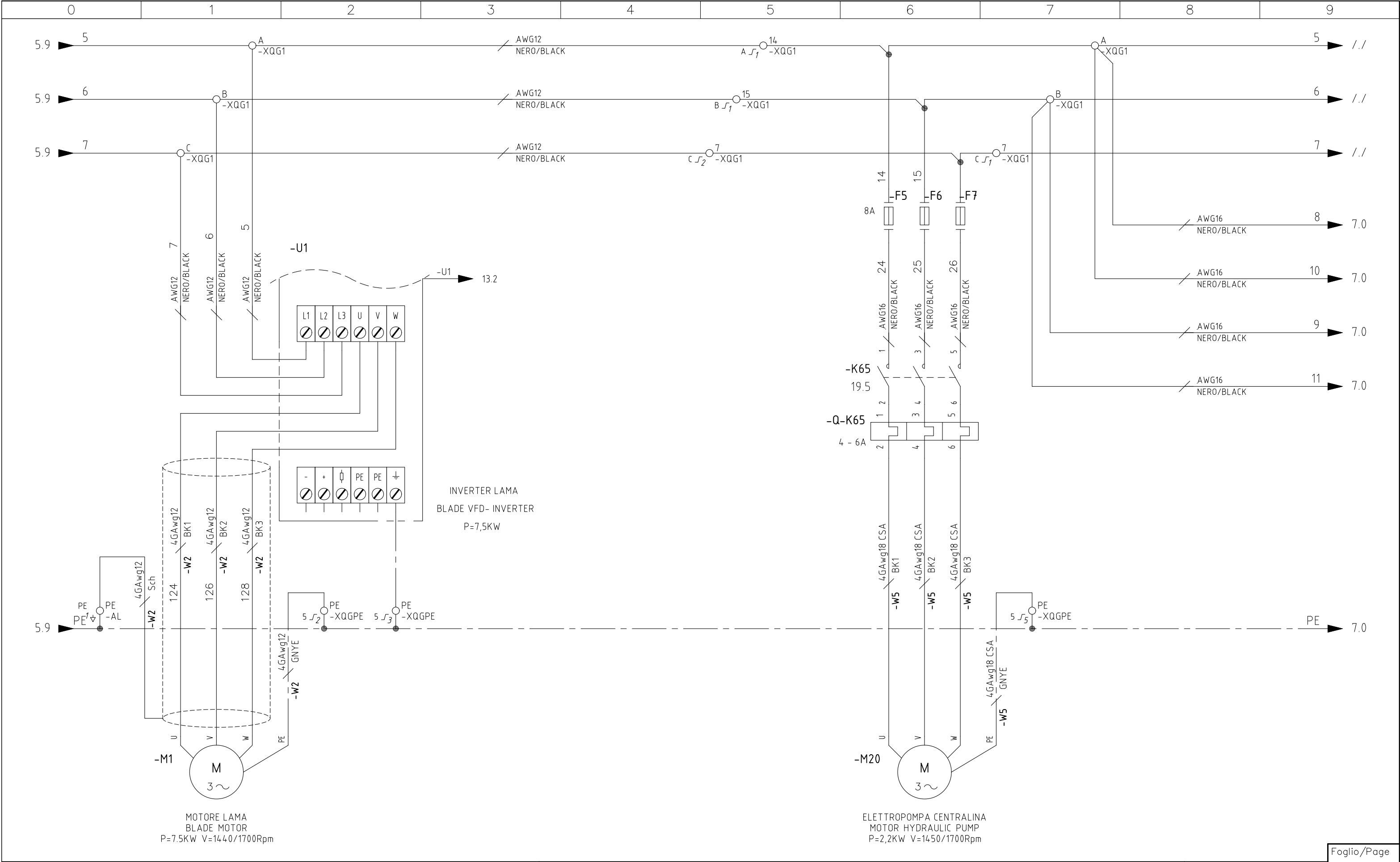
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				CAD	SPAC		Commessa/Order		Segue/Follow 3
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File	DCM2030/1.dwg	Denominazione/Title INDICE CONTENUTI CONTENT INDEX	DCM 20-30		Ultimo/Last 215
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli	Data	05/10/2018		Esecutore/Executor		
0.1	Aggiunto FC testa bassa e EV sblocco discesa test	14-07-2009	Bartoli						
REV.	MODIFICA	DATA	FIRME						

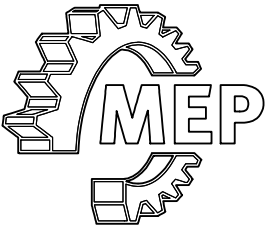
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Sim.\Sym.	File	Descrizione\Description	Sim.\Sym.	File	Descrizione\Description	Sim.\Sym.	File	Descrizione\Description	
	H5	Lampada <i>Lamp</i>		S7	Comando a pedale NO <i>Control pedal NO</i>		BLK13	Azionamento (potenza) <i>Drive (power)</i>	
	H11	LED <i>Led</i>		S13C	Fine corsa comandato a camma libero NC <i>Limit switch free NC</i>		BLK14	Inverter (ausiliari) <i>Inverter (auxiliary)</i>	
	M2	Motore asincrono trifase <i>Three-phase inductor motor</i>		S14C	Fine corsa comandato a camma azionato NC <i>Limit switch actuated NC</i>		BLK15	Azionamento (ausiliari) <i>Drive (auxiliary)</i>	
	M9	Motore corrente alternata monofase <i>Single-phase inductor motor</i>		S15C	Comandato dal livello di un fluido (livellostato) NC <i>Water gauge NC</i>		BLK21	Motore passo-passo <i>Stepper motor</i>	
	Q1360	Int. automatico magnetotermico sezionatore tripolare <i>Three-phase automatic switch</i>		T2	Trasformatore per ausiliari con schermo <i>Transformer for auxiliary white shield</i>		BLK41	Raccordo SX <i>Connector SX</i>	
	R1	Resistore <i>Resistor</i>		Y1	Elettrovalvola (A) <i>Solenoid valve (A)</i>		BLK42	Raccordo DX <i>Connector DX</i>	
	R6	Potenzimetro <i>Potentiometer</i>		Y1A	Elettrovalvola (B) <i>Solenoid valve (B)</i>		BLK43	Tubo corrugato <i>Corrugated pipe</i>	
	R60	Potenzimetro <i>Potentiometer</i>		KA1	Bobina rele' Aux <i>Auxiliary relay coil</i>		BLK44	Riduzione PG <i>PG adapter</i>	
	S2	Comando a Pulsante NO <i>Push button NO</i>		KM1	Bobina contattore <i>Contactor coil</i>		BLK51	Dado PG <i>PG nut</i>	
	S4C	Pulsante di emergenza NC <i>Emergency push button NC</i>		BLK11	Trasformatore per ausiliari con schermo <i>Transformer for auxiliary white shield</i>		BLK56	Terminale a puntale <i>Terminal</i>	
	S5	Comando rotativo a due posizioni NO <i>Rotary selector two position</i>		BLK12	Inverter (potenza) <i>Inverter (power)</i>		BLK57	Filo unipolare <i>Wire</i>	

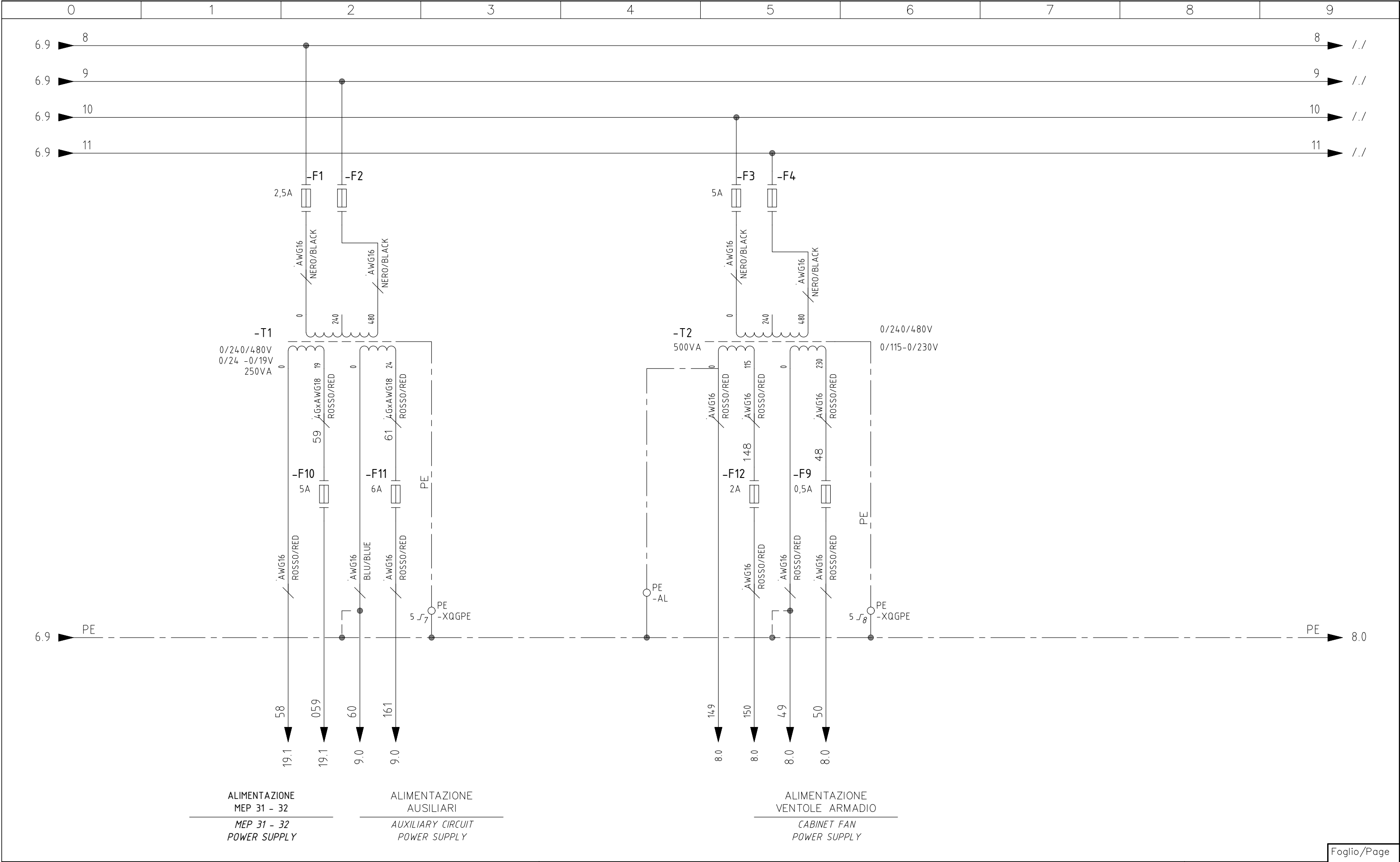
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				CAD SPAC	DCM 20-30_ 480V.60Hz			3
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File DCM2030/1.dwg	Denominazione/Title	Commessa/Order		Segue/Follow
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli	Data 05/10/2018	LEGENDA SIMBOLI	DCM 20-30		4
0.1	Aggiunto FC testa bassa e EV sblocco discesa test	14-07-2009	Bartoli		SYMBOL KEY	Esecutore/Executor		Ultimo/Last
REV.	MODIFICA	DATA	FIRME					215

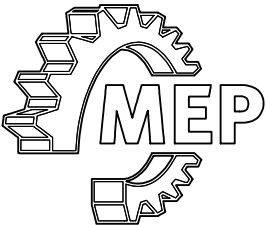


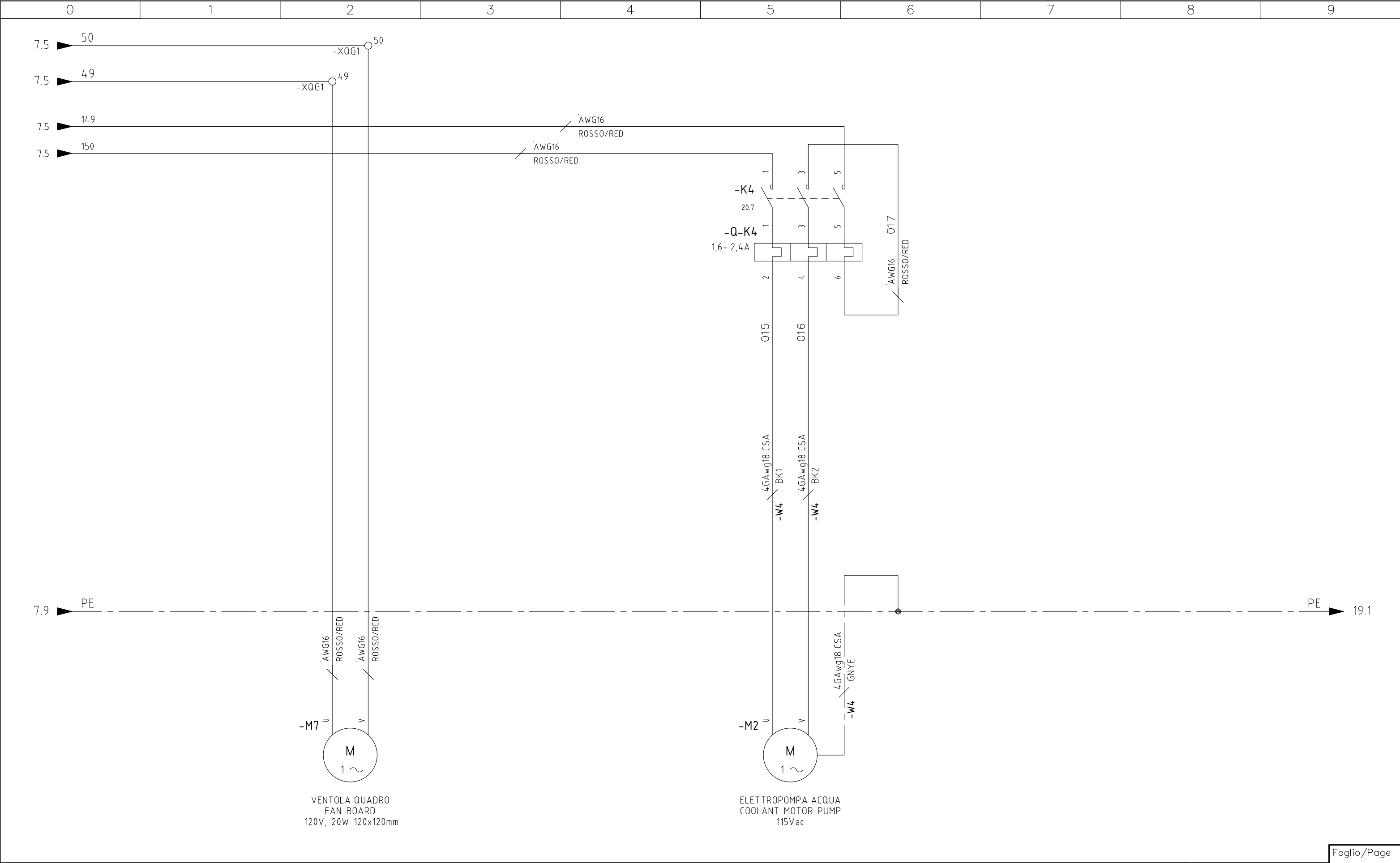
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				CAD SPAC		Commessa/Order DCM 20-30		Segue/Follow 6
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File DCM2030/1.dwg	Denominazione/Title <u>ALIMENTAZIONE</u> <i>POWER SUPPLY</i>	Esecutore/Executor		Ultimo/Last 215
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli	Data 05/10/2018				
0.1	Aggiunto FC testa bassa e EV sblocco discesa testa	14-07-2009	Bartoli					
REV.	MODIFICA	DATA	FIRME					

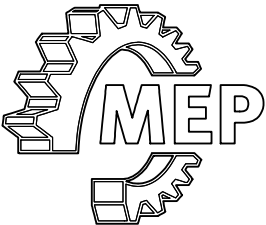


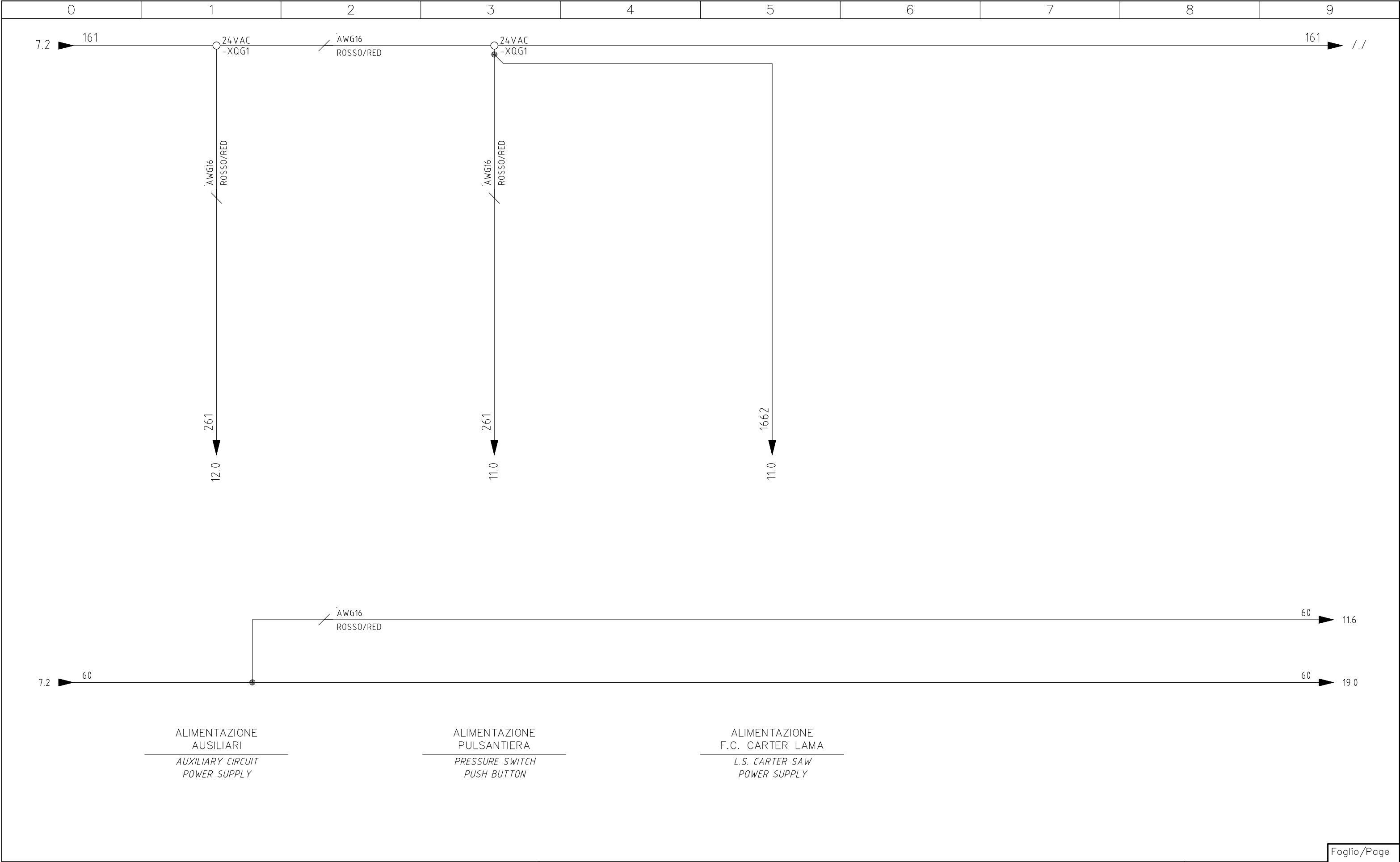
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				CAD SPAC		Commessa/Order DCM 20-30		Segue/Follow 7
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File DCM2030/1.dwg		Esecutore/Executor		Ultimo/Last 215
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli	Data 05/10/2018				
0.1	Aggiunto FC testa bassa e EV sblocco discesa testa	14-07-2009	Bartoli		Denominazione/Title <i>ALIMENTAZIONE MOTORI</i> <i>MOTOR POWER SUPPLY</i>			
REV.	MODIFICA	DATA	FIRME					

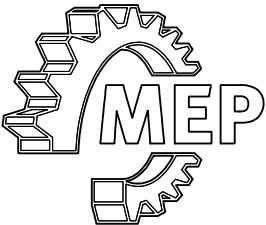


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				CAD SPAC		Commessa/Order DCM 20-30		Segue/Follow 8
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File DCM2030/1.dwg	Denominazione/Title <i>ALIMENTAZIONE TRASFORMATORI</i> <i>TRANSFORMER POWER SUPPLY</i>	Esecutore/Executor		Ultimo/Last 215
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli	Data 05/10/2018				
0.1	Aggiunto FC testa bassa e EV sblocco discesa testa	14-07-2009	Bartoli					
REV.	MODIFICA	DATA	FIRME					

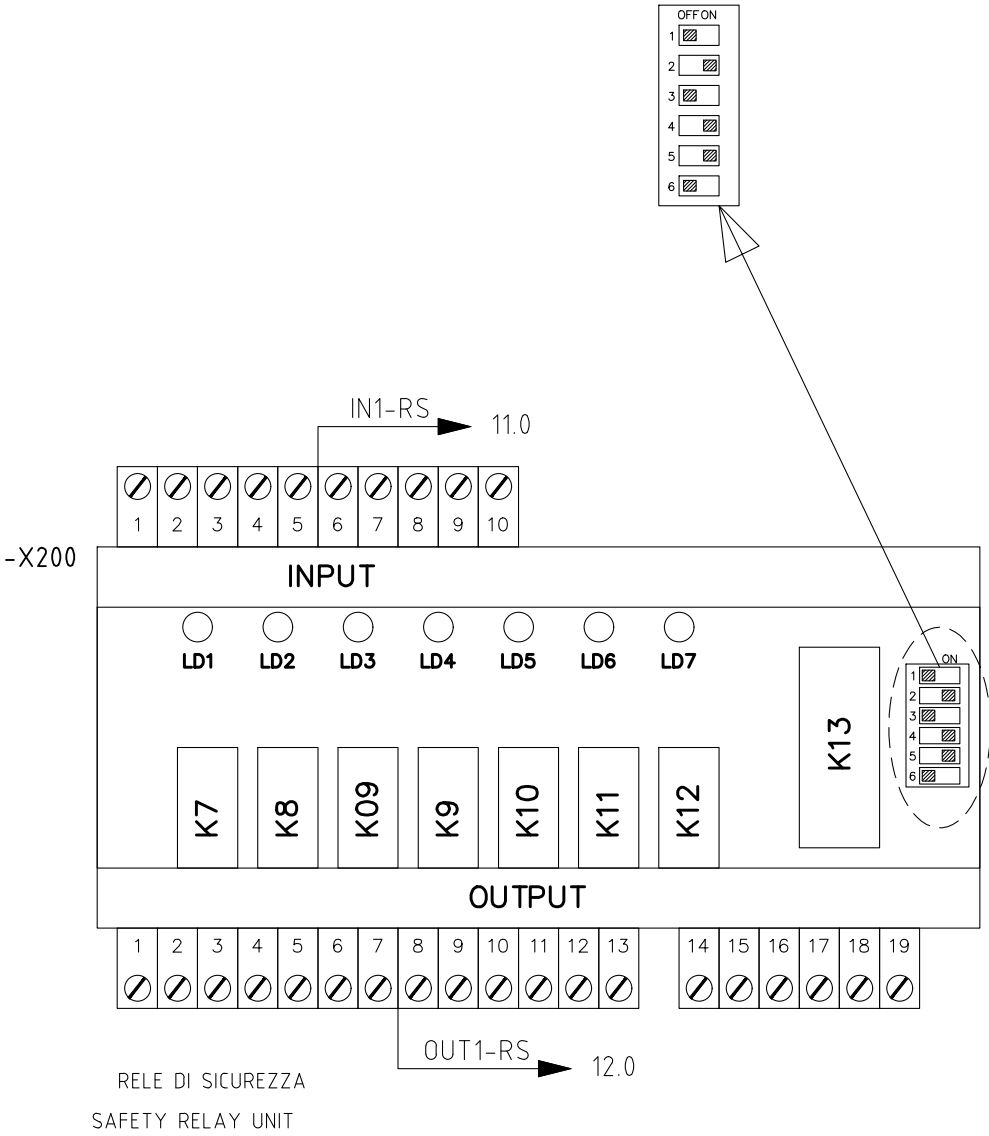


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				CAD SPAC		Commessa/Order DCM 20-30		Segue/Follow 9
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File DCM2030/1.dwg	Denominazione/Title <u>ALIMENTAZIONE VENTOLE</u> <i>FAN POWER SUPPLY</i>	Esecutore/Executor		Ultimo/Last 215
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli	Data 05/10/2018				
0.1	Aggiunto FC testa bassa e EV sblocco discesa testa	14-07-2009	Bartoli					
REV.	MODIFICA	DATA	FIRME					

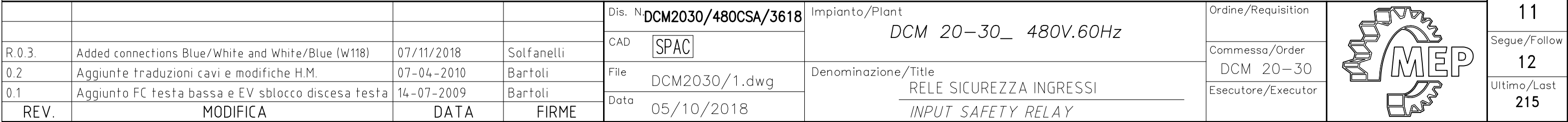


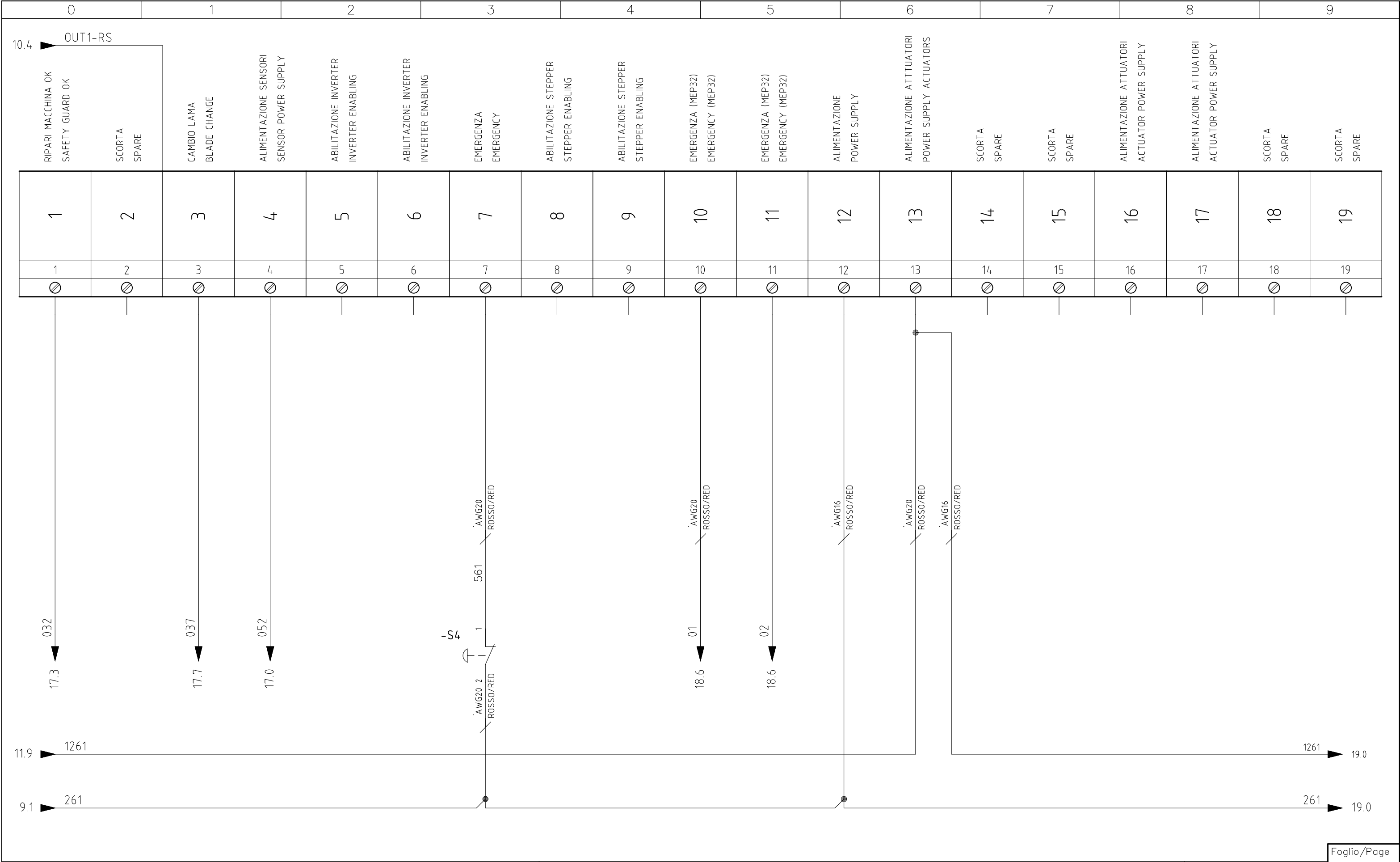
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				CAD	SPAC		Commessa/Order DCM 20-30		Segue/Follow 10
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File	DCM2030/1.dwg	Denominazione/Title ALIMENTAZIONE AUSILIARI AUXILIARY CIRCUIT POWER SUPPLY	Esecutore/Executor		Ultimo/Last 215
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli	Data	05/10/2018				
0.1	Aggiunto FC testa bassa e EV sblocco discesa test	04-07-2009	Bartoli						
REV.	MODIFICA	DATA	FIRME						

LEGENDA FUNZIONI RELE' RELAY FUNCTION KEY		
K7 (LD1)	=	PROTEZIONE MACCHINA MACHINE GUARDS
K8 (LD2)	=	SCORTA SPARE
K09 (LD3)	=	PRESENZA ARIA AIR PRESENCE SWITCH
K9 (LD4)	=	SCORTA SPARE
K10 (LD5)	=	EMERGENZA AUX 1 AUX 1 EMERGENCY
K11 (LD6)	=	EMERGENZA AUX 2 AUX 2 EMERGENCY
K12 (LD7)	=	EMERGENZA EMERGENCY PUSH BUTTON
K012 (LD7)	=	EMERGENZA (ABIL. AZIONAMENTI) EMERGENCY (DRIVE ENABL.)



CONTROLLARE LA DISPOSIZIONE DEGLI SWITCH IN FUNZIONE DELLA MACCHINA
CHECK THE SWITCH ARRANGEMENT ACCORDING TO THE MACHINE VERSION





J1 – 4PIN	EMERGENZA/RESET EMERGENCY/RESET	
01	ROSSO <i>RED</i>	EMERGENZA <i>EMERGENCY P.B.</i>
02	ROSSO <i>RED</i>	EMERGENZA <i>EMERGENCY P.B.</i>
03	ROSSO <i>RED</i>	RESET <i>RESET P.B.</i>
04	ROSSO <i>RED</i>	RESET <i>RESET P.B.</i>

J4 – 9PIN	INGRESSI ANALOGICI ANALOG INPUT	
117	BIANCO <i>WHITE</i>	TA MOTORE LAMA (SEG.) <i>BLADE MOTOR HF (SEG.)</i>
116	VERDE <i>GREEN</i>	TA MOTORE LAMA (RIF.) <i>BLADE MOTOR HF (RE.)</i>
023	ROSSO <i>RED</i>	ALIMENTAZIONE POT.(+12V) <i>POT. POWER SUPPLY (+ 12 V)</i>
024	NERO <i>BLACK</i>	POTENZIOMETRO TESTA <i>HEAD POTENTIOMETER</i>
025	BIANCO <i>WHITE</i>	ALIMENTAZIONE POT. (0V) <i>POT. POWER SUPPLY (0 V)</i>
//	NC <i>NC</i>	NC <i>NC</i>
//	NC <i>NC</i>	NC <i>NC</i>
//	NC <i>NC</i>	NC <i>NC</i>
//	NC <i>NC</i>	NC <i>NC</i>

J5 – 2PIN	ALIMENTAZIONE SENSORI SENSOR POWER SUPPLY	
052	ROSSO <i>RED</i>	24VCC <i>24VCC</i>
051	BLU <i>BLUE</i>	0VCC <i>0VCC</i>

J7 – 12PIN	INGRESSI DIGITALI MEP 32 MEP 32 DIGITAL INPUTS	
031	GRIGIO <i>GRAY</i>	PROXIMITY LAMA <i>BLADE PROXIMITY</i>
032	BLU <i>BLUE</i>	RIPARI MACCHINA OK <i>SAFETY GUARD OK</i>
033	MARRONE <i>BROWN</i>	START DA PEDALIERA <i>PEDAL START SWITCH</i>
//	NC <i>NC</i>	NC <i>NC</i>
//	NC <i>NC</i>	NC <i>NC</i>
036	NERO <i>BLACK</i>	LIVELLO OLIO <i>OIL LEVEL</i>
037	VIOLA <i>VIOLET</i>	SELETTORE CAMBIO LAMA <i>BLADE CHANGE MODE SELECTOR</i>
038	ARANCIO <i>ORANGE</i>	INVERTER IN ALLARME <i>INVERTER IN ALARM</i>
//	NC <i>NC</i>	NC <i>NC</i>
//	NC <i>NC</i>	NC <i>NC</i>
//	NC <i>NC</i>	NC <i>NC</i>
//	NC <i>NC</i>	NC <i>NC</i>

J10 – 2PIN	ALIMENTAZIONE USCITE OUTPUT POWER SUPPLY	
.	NC <i>NC</i>	NC <i>NC</i>
60	BLU <i>BLUE</i>	0VAC <i>0VAC</i>

J11 – 3PIN	ALIMENTAZIONE MEP32 POWER SUPPLY MEP32	
58	BLU <i>BLUE</i>	0VAC <i>0VAC</i>
059	ROSSO <i>RED</i>	19VAC <i>19VAC</i>
//	GIALLO/VERDE <i>YELLOW/GREEN</i>	PE <i>PE</i>

J12 – 2PIN	MARCIA INVERTER INVERTER RUN	
553	BLU <i>BLUE</i>	MARCIA INVERTER <i>INVERTER RUN</i>
57	NERO <i>BLACK</i>	MARCIA INVERTER <i>INVERTER RUN</i>

J13 – 13PIN	USCITE DIGITALI C4–C4 C4-CF DIGITAL OUTPUTS	
1261	ROSSO <i>RED</i>	COMUNE USCITE C4–C4 <i>COMMON OUTPUT C4-CF</i>
041	MARRONE <i>BROWN</i>	EV. APERTURA MORSA TG. <i>CUT VISE OPENING SV.</i>
042	BIANCO <i>WHITE</i>	EV. CHIUSURA MORSA TG. <i>CUT VISE CLOSING SV.</i>
043	VERDE <i>GREEN</i>	EV SALITA TESTA <i>HEAD UPSTROKE SV.</i>
044	GIALLO <i>YELLOW</i>	EV SBLOCCO/DISCESA TESTA <i>HEAD DOWNSTROKE/UNLOCK SV</i>
045	VIOLA <i>PURPLE</i>	EV. SBLOCCO ROTAZ. TESTA <i>HEAD SWING RELEASE SV.</i>
046	BLU <i>BLUE</i>	EV. APER. MORSA ALIMENTATORE <i>SHUTTLE VISE OPENING SV.</i>
047	GRIGIO <i>GREY</i>	EV. CHIUS. MORSA ALIMENTATORE <i>SHUTTLE VISE CLOSING SV.</i>
056	NERO <i>BLACK</i>	E.V. SPAZZOLA PULILAMA <i>BLADE BRUSH S.V.</i>
049	NERO <i>BLACK</i>	MOTORE POMPA <i>COOLANT PUMP MOTOR</i>
050	ARANCIO <i>ORANGE</i>	EV. LUBRIF. MINIMALE <i>SPRAY MIST SYSTEM S.V.</i>
0501	BIANCO/BLU <i>WHITE/BLUE</i>	FCTI <i>L.S.H.U.</i>
0502	BLU/BIANCO <i>BLUE/WHITE</i>	FCTA <i>L.S.H.D.</i>

J14 – 3PIN	USCITE DIGITALI C2–C3 C2-C3 DIGITAL OUTPUTS	
1261	BLU <i>BLUE</i>	COMUNE USCITE C2–C3 <i>COMMON OUTPUT C2-C3</i>
054	ROSSO <i>RED</i>	EV. SALITA RULLO POSTER. <i>LIFT ROLLER REAR SV.</i>
055	ARANCIO <i>ORANGE</i>	EV. SALITA RULLO ANTER. <i>LIFT ROLLER FRONT SV.</i>

J15 3PIN	USCITE DIGITALI C0–C1 C0-C1 DIGITAL OUTPUTS	
261	ROSSO <i>RED</i>	COMUNE USCITE C0–C1 <i>COMMON OUTPUT C0-C1</i>
048	GRIGIO <i>GREY</i>	POMPA CENTRALINA IDR. <i>HYDRAULIC OIL UNIT PUMP</i>
053	MARRONE <i>BROWN</i>	LAMPEGGIANTE <i>FLASHING LAMP</i>

J3 6PIN	INGRESSO ENCODER ENCODER INPUT	
//	ROSSO <i>RED</i>	24VDC <i>24VDC</i>
//	BLU+NE+ROSA <i>BU+BK+PK</i>	0VDC <i>0VDC</i>
//	VERDE <i>GREEN</i>	DATA + <i>DATA +</i>
//	GIALLO <i>YELLOW</i>	DATA – <i>DATA -</i>
//	BIANCO <i>WHITE</i>	CLK – <i>CLK -</i>
//	MARRONE <i>BROWN</i>	CLK + <i>CLK +</i>

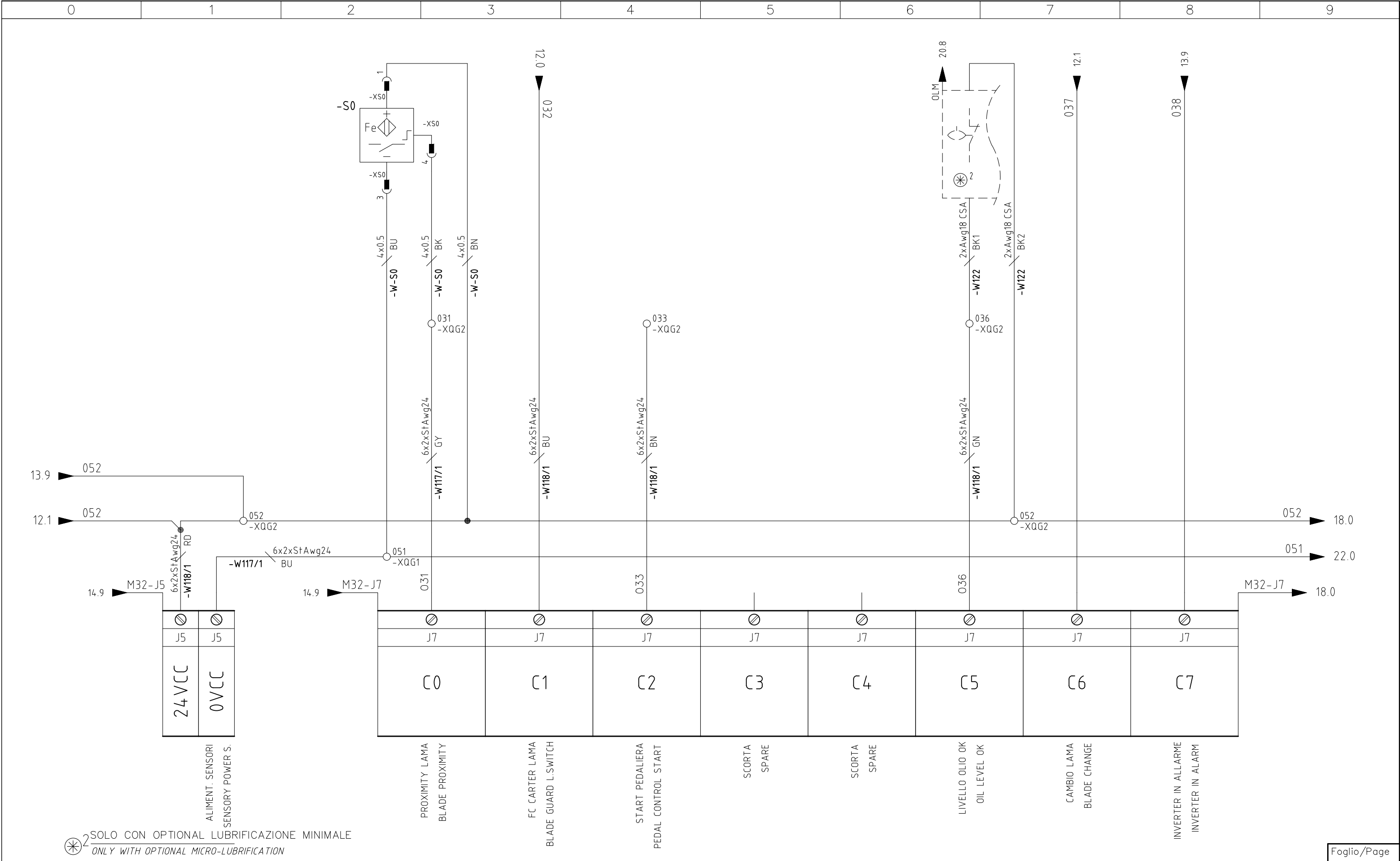
J2 4PIN		PASSO–PASSO TESTA HEAD STEPPER MOTOR
//	NC	FASE A
	NC	STEP A
//	NC	FASE A
	NC	STEP A
//	NC	FASE B
	NC	STEP B
//	NC	FASE B
	NC	STEP B

J8 4PIN		RS485 RS 485
321	BIANCO	TX/RX+
	WHITE	TX/RX+
322	ROSSO	TX/RX–
	RED	TX/RX-
323	NERO	MASSA
	BLACK	MASS
//	NC	MASSA
	NC	MASS

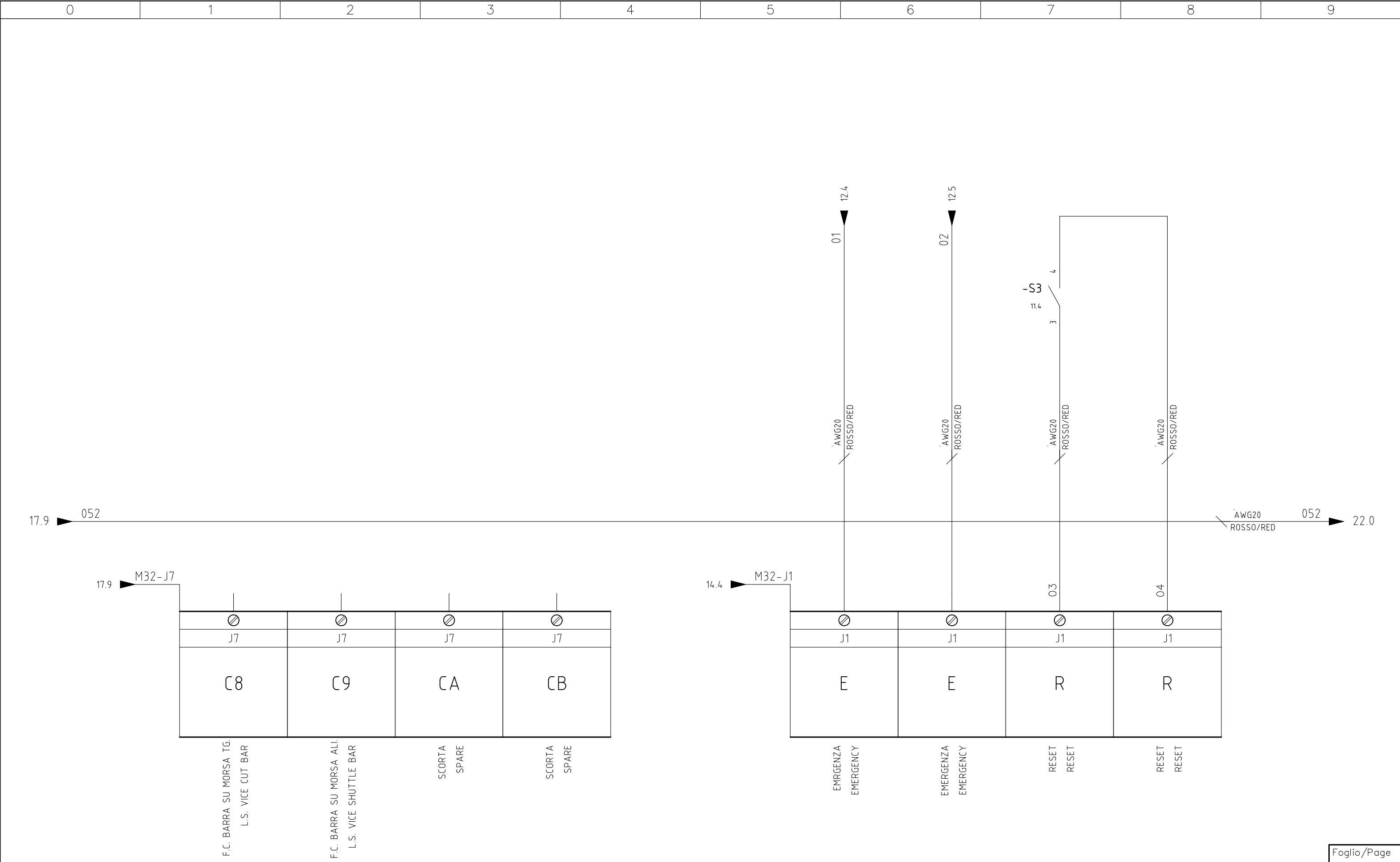
J9 10PIN		INGRESSI DIGITALI MEP 31 MEP 31 DIGITAL INPUTS
//	NC	+24VCC ALIM. SENSORI
	NC	+24VCC SENSORY P. SUPPLY
//	NC	OVCC ALIM. SENSORI
	NC	OVCC SENSORY P. SUPPLY
333	MARRONE	FC. ZERO ALIMENTATORE
	BROWN	ZERO SETTING SHUTTLE LS.
//	NC	NC
	NC	NC
335	BIANCO/BLU	TENSIONAMENTO LAMA +
	WHITE/BLUE	BLADE TENSIONING SWITCH +
336	BLU/BIANCO	TENSIONAMENTO LAMA –
	BLUE/WHITE	BLADE TENSIONING SWITCH -
337	NERO	AVVICINAM. VELOCE TESTA
	BLACK	HEAD FAST APPROACH
338	VERDE	TESTA BASSA
	GREEN	HEAD DOWN L.SW.
//	NC	NC
	NC	NC
//	NC	NC
	NC	NC

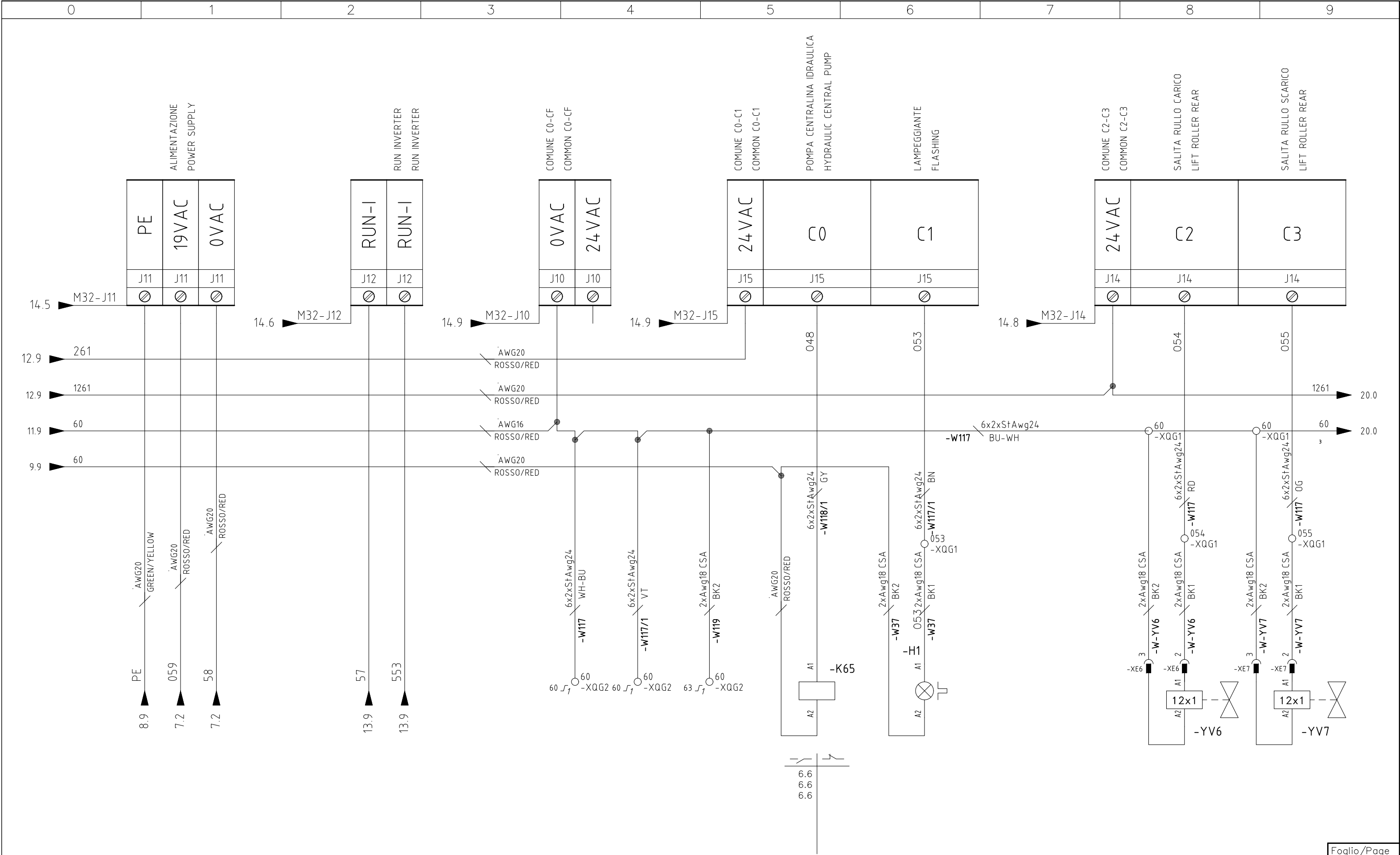
J10 3PIN		USCITE DIGITALI E0–E1 E0-E1 DIGITAL OUTPUTS
1261	ROSSO	COMUNE USCITE E0–E1
	RED	COMMON OUTPUT E0-E1
355	MARRONE	EV. TENSIONAMENTO LAMA +
	BROWN	BLADE TENSIONING + SV.
356	BLU	EV. TENSIONAMNETO LAMA –
	BLUE	BLADE TENSIONING - SV.

J11 7PIN		USCITE DIGITALI E2–E7 E2-E7 DIGITAL OUTPUTS
1261	ROSSO	COMUNE USCITE E2–E7
	RED	COMMON OUTPUT E2-E7
351	VIOLA	TRAGUARDATORE LASER
	PURPLE	LASER LIGHT SENSOR
352	BIANCO	LUCE ZONA TAGLIO
	WHITE	LIGHT CUT ZONE
353	NERO2	EV. DISCESA VELOCE TESTA
	BLACK2	HEAD FAST DOWN APPROACH SV.
357	BIANCO	EV. ROTAZ. TESTA ORARIA
	WHITE	HEAD SWING CW SV.
358	NERO	EV. ROT. TESTA ANTIORARIA
	BLACK	HEAD SWING CCW SV.
359	GRIGIO	EV ROTAZ. VELOCE TESTA
	GREY	HEAD FAST SWING APPROACH SV.



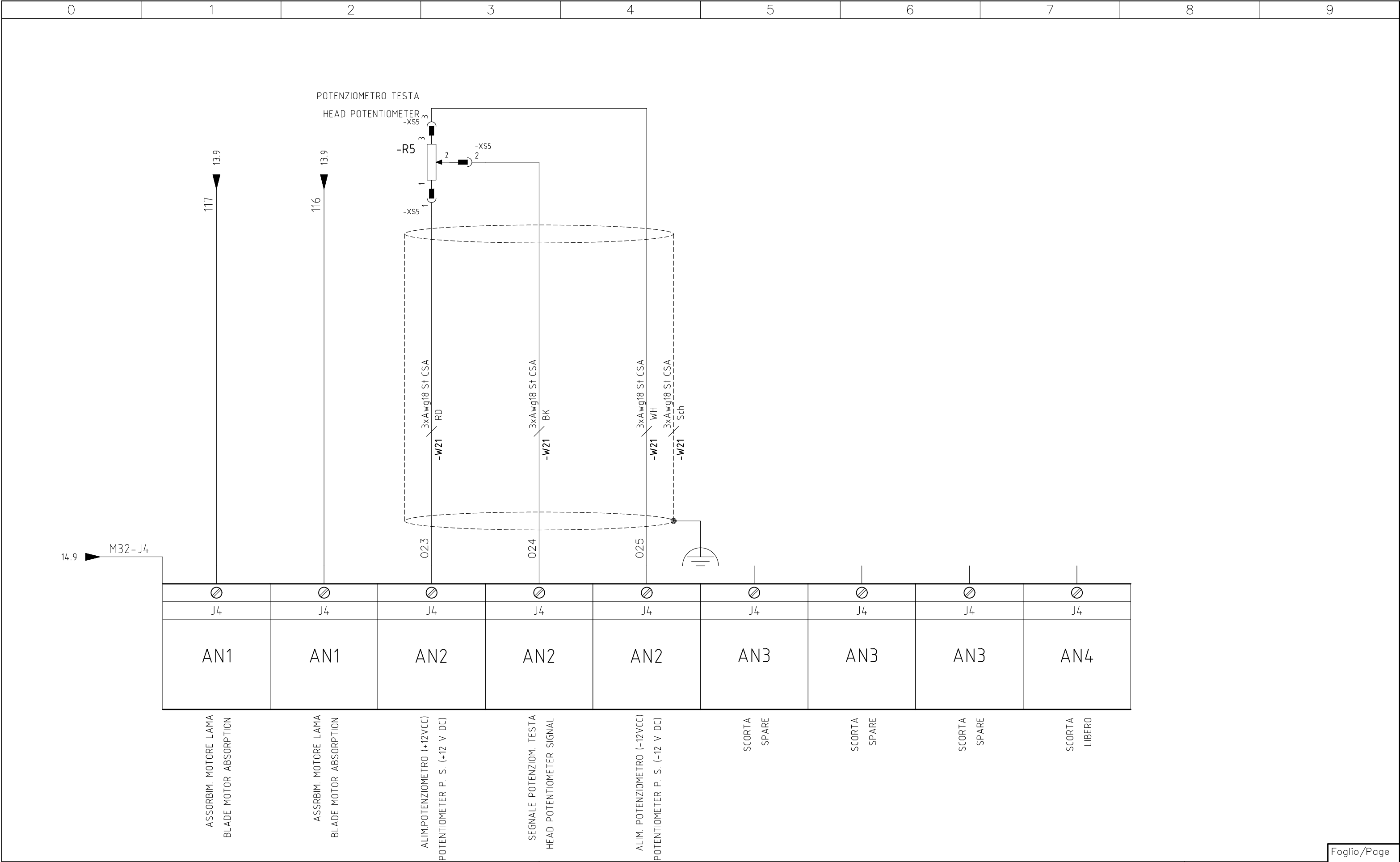
				Dis. N. DCM2030/480CSA/3618	Impianto/Plant <i>DCM 20-30_ 480V.60Hz</i>	Ordine/Requisition		17
				CAD SPAC		Commessa/Order DCM 20-30		Segue/Follow 18
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File DCM2030/1.dwg	Denominazione/Title INGRESSI MEP32 <i>MEP32 INPUTS</i>	Esecutore/Executor		Ultimo/Last 215
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli					
0.1	Aggiunto FC testa bassa e EV sblocco discesa testa	14-07-2009	Bartoli	Data 05/10/2018				
REV.	MODIFICA	DATA	FIRME					

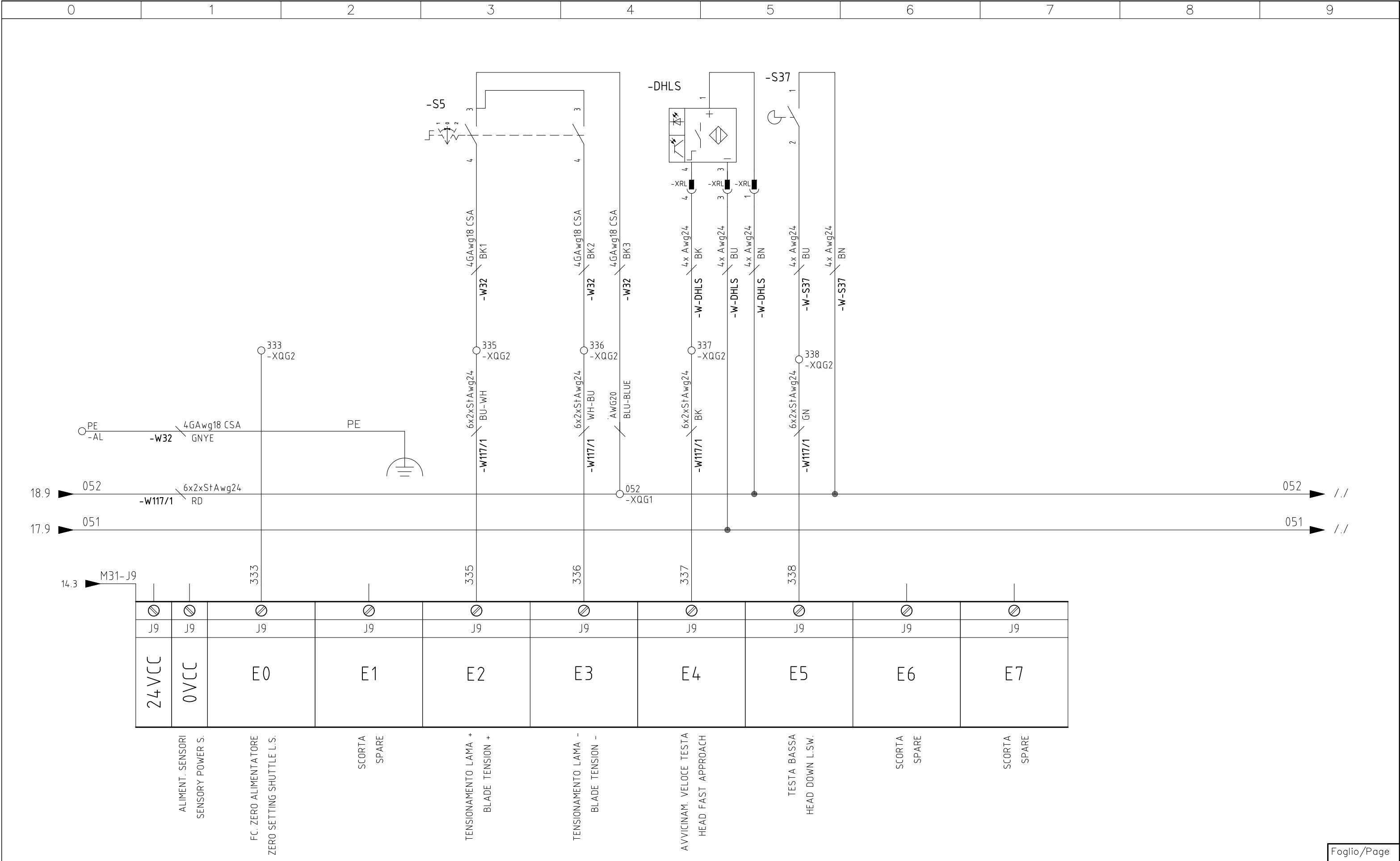




				Dis. N. DCM2030/480CSA/3618	Impianto/Plant <i>DCM 20-30_ 480V.60Hz</i>	Ordine/Requisition		19
				CAD SPAC		Commessa/Order DCM 20-30		Segue/Follow 20
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File DCM2030/1.dwg	Denominazione/Title USCITE MEP32 <i>MEP32 OUTPUTS</i>	Esecutore/Executor		Ultimo/Last 215
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli					
0.1	Aggiunto FC testa bassa e EV sblocco discesa test	14-07-2009	Bartoli	Data 05/10/2018				
REV.	MODIFICA	DATA	FIRME					

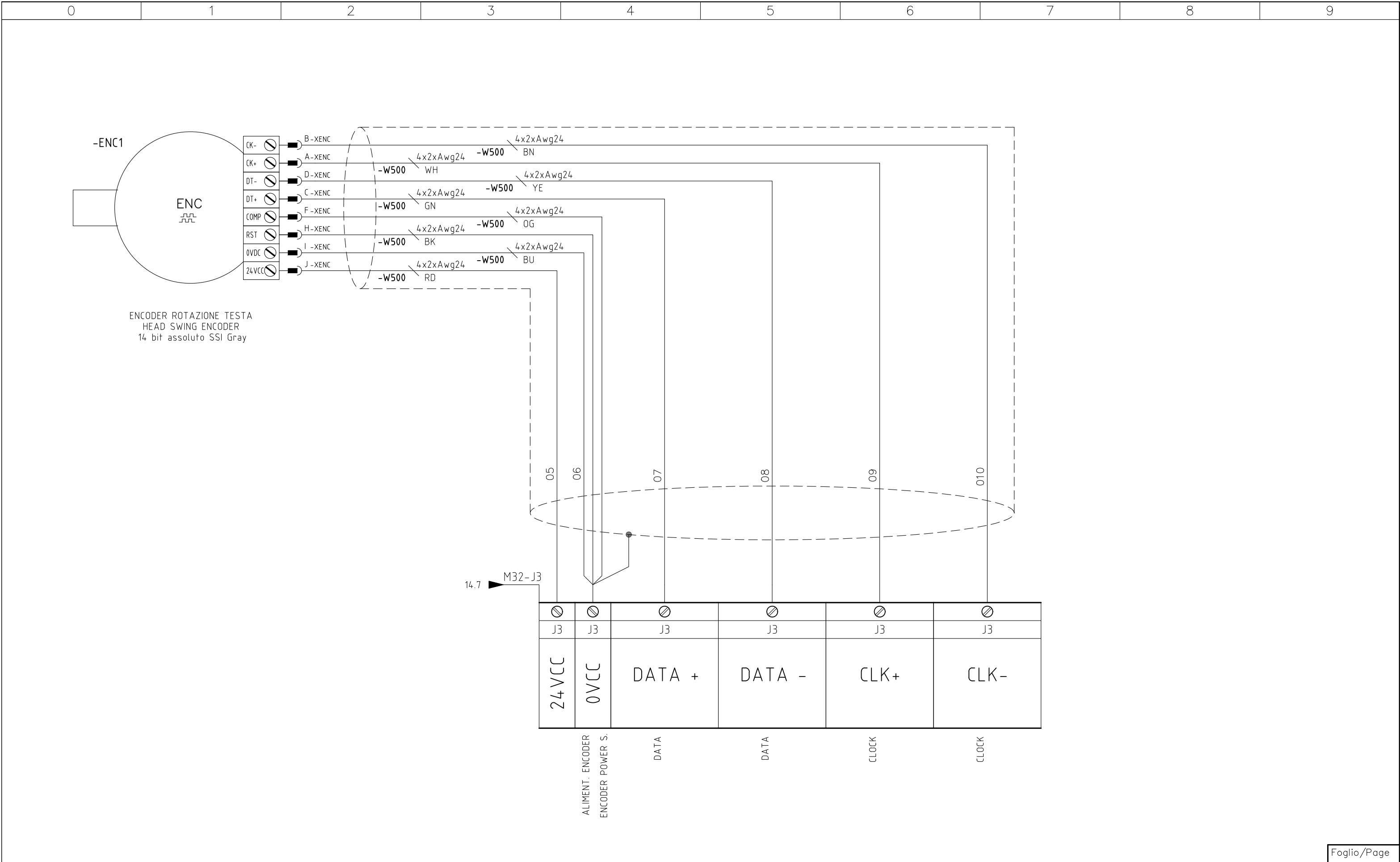






				Dis. N.	DCM2030/480CSA/3618	Impianto/Plant	Ordine/Requisition		Foglio
				CAD	SPAC				DCM 20-30_ 480V.60Hz
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File	DCM2030/1.dwg	Denominazione/Title	Commissa/Order		Segue/Follow
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli				DCM 20-30		23
0.1	Aggiunto FC testa bassa e EV sblocco discesa testa	14-07-2009	Bartoli	Data			Esecutore/Executor		Ultimo/Last
REV.	MODIFICA	DATA	FIRME		05/10/2018	INGRESSI MEP31 MEP31 INPUT			215

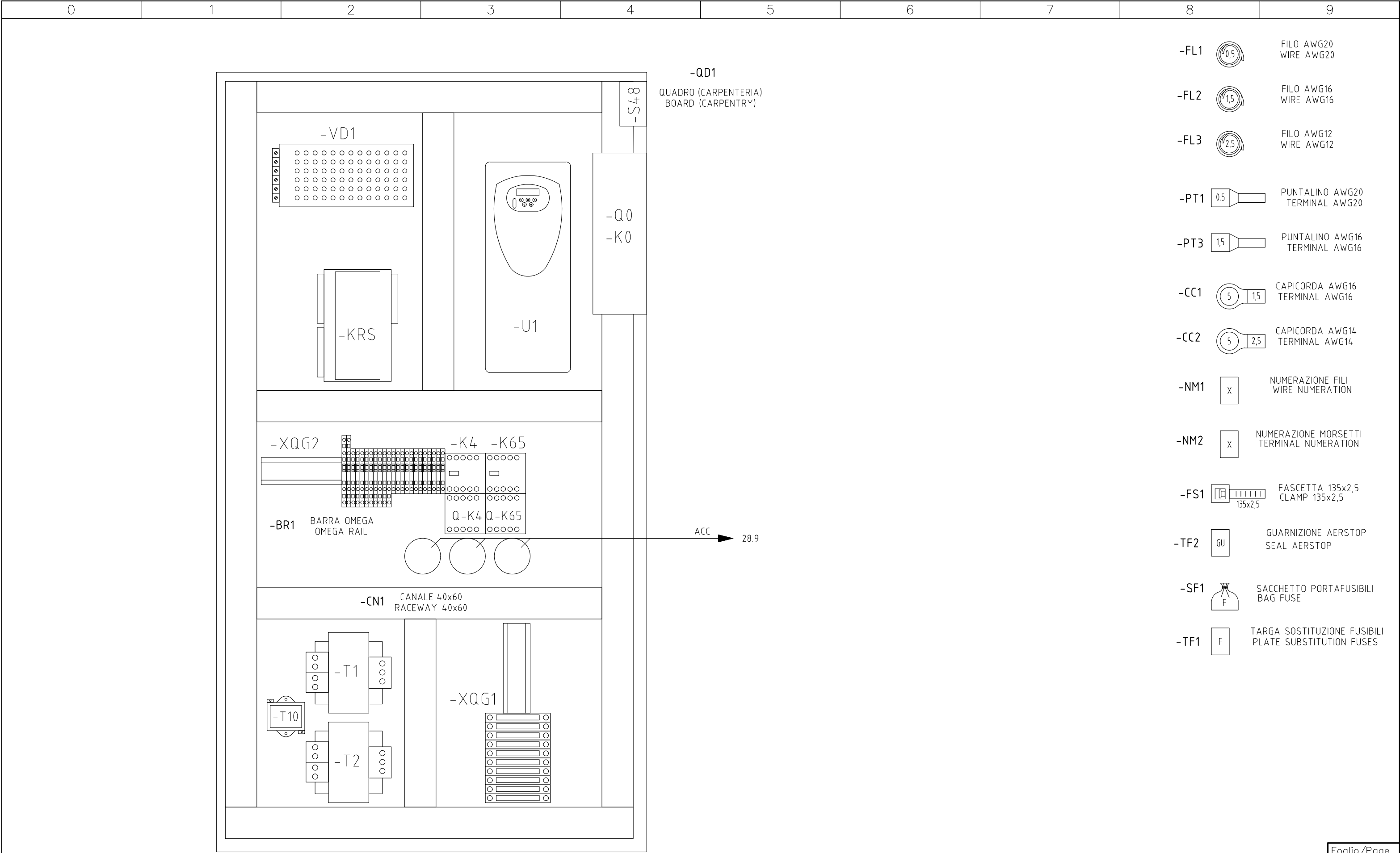




				Dis. N. DCM2030/480CSA/3618	Impianto/Plant <i>DCM 20-30_ 480V.60Hz</i>	Ordine/Requisition		24
				CAD 		Commissa/Order DCM 20-30		Segue/Follow 25
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File DCM2030/1.dwg	Denominazione/Title <u>COLLEGAMENTO ENCODER</u> <i>ENCODER CONNECTION</i>	Esecutore/Executor		Ultimo/Last 215
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli	Data 05/10/2018				
0.1	Aggiunto FC testa bassa e EV sblocco discesa testa	14-07-2009	Bartoli					
REV.	MODIFICA	DATA	FIRME					

Foglio/Page

				Dis. N. DCM2030/480CSA/3618	Impianto/Plant <i>DCM 20-30_ 480V.60Hz</i>	Ordine/Requisition		26
				CAD 		Commissa/Order DCM 20-30		Segue/Follow 27
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File DCM2030/1.dwg	Denominazione/Title MORSETTIERA QUADRO <i>PANEL TERMINAL BOARD</i>	Esecutore/Executor		Ultimo/Last 215
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli					
0.1	Aggiunto FC testa bassa e EV sblocco discesa test	14-07-2009	Bartoli	Data 05/10/2018				
REV.	MODIFICA	DATA	FIRME					



				Dis. N. DCM2030/480CSA/3618	Impianto/Plant	Ordine/Requisition		Foglio/Page 27
				CAD SPAC	<i>DCM 20-30_ 480V.60Hz</i>	Commessa/Order		Segue/Follow 28
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File DCM2030/1.dwg	Denominazione/Title	DCM 20-30		Ultimo/Last
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli	Data 05/10/2018	<i>INTERNO QUADRO</i>	Esecutore/Executor		215
0.1	Aggiunto FC testa bassa e EV sblocco discesa testa	14-07-2009	Bartoli		<i>BOARD INSIDE</i>			
REV.	MODIFICA	DATA	FIRME					

LATO MACCHINA
MACHINE SIDE

-GH2
2,5"G

-RE2
2,5"G

-CR1
Ø60 x 4500 mm

-RE1
2,5"G/Ø60

-GH1
2,5"G

-GH4
1,5"G

-RE4
1,5"G

-CR2
Ø50 x 4500 mm

-RE3
1,5"G/Ø50

-GH3
1,5"G

-GH6
1,5"G

-RE6
1,5"G

-CR3
Ø50 x 4500 mm

-RE5
1,5"G/Ø50

-GH5
1,5"G

LATO QUADRO
PANEL SIDE

A/C 27.5

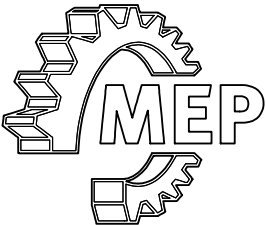
				Dis. N. DCM2030/480CSA/3618	Impianto/Plant <i>DCM 20-30_ 480V.60Hz</i>	Ordine/Requisition		28
				CAD SPAC		Commissa/Order DCM 20-30		Segue/Follow 29
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File DCM2030/1.dwg	Denominazione/Title GUAINE E ACCESSORI <i>SHEATHS AND ACCESSORIES</i>	Esecutore/Executor		Ultimo/Last 215
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli	Data 05/10/2018				
0.1	Aggiunto FC testa bassa e EV sblocco discesa testa	14-07-2009	Bartoli					
REV.	MODIFICA	DATA	FIRME					

				Dis. N. DCM2030/480CSA/3618	Impianto/Plant <i>DCM 20-30_ 480V.60Hz</i>	Ordine/Requisition		29
				CAD SPAC		Commissa/Order DCM 20-30		Segue/Follow 30
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File DCM2030/1.dwg	Denominazione/Title <u>LAYOUT INTERNO QUADRO ELETTRICO</u> <i>LAYOUT INTERNAL ELECTRICAL PANEL</i>	Esecutore/Executor		Ultimo/Last 215
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli	Data 05/10/2018				
0.1	Aggiunto FC testa bassa e EV sblocco discesa testa	14-07-2009	Bartoli					
REV.	MODIFICA	DATA	FIRME					

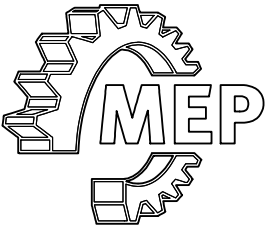
LAY-OUT BOW JUNCTION BOX
LAY-OUT BOW JUNCTION BOX



0	1	2	3	4	5	6	7	8	9							
CAVI ESTERNI \ EXTERNAL CABLES																
QUADRO \ BOARD									DESTINAZIONE \ LOCATION							
QUADRO BOARD	FOGLIO SHEET	NR. MORSETTO TERMINAL NO.	NR. FILO CONDUCTOR NO.	ID SUL CAVO ID IN CABLE	CAVO CABLE	LUNGHEZZA LENGHT [mt]	DISTURBO NOISE LEVEL	ID SUL CAVO ID IN CABLE	NR. FILO CONDUCTOR NO.	NR. MORSETTO TERMINAL NO.	FOGLIO SHEET	QUADRO BOARD				
=QgCv -AL =QgCv -AL =QgCv -AL =QgCv -AL	5/1 5/1 5/1 5/2	L1 ○ L2 ○ L3 ○ PE ○	L1 L2 L3 PE	BK1 BK2 BK3 GNYE	-W0 022.1964 General Power supply cable	10,0 mt		BK1 BK2 BK3 GNYE	L1 L2 L3 PE	5 3 1 5_1	5/3 5/3 5/3 5/2	=QgCv -Q0 =QgCv -Q0 =QgCv -Q0 =QgCv -XQGPE				
	=QgCv -XQG2 =QgCv -XQG2 =QgCv -XQG2 =QgCv -XQG2 =QgCv -XQG2 =QgCv -XQG2 =QgCv -XQG2 =QgCv -XQG2 =QgCv -XQG1 =QgCv -XQG1 =QgCv -XQG2 =QgCv -XQG2	20/6 20/0 20/5 20/4 20/2 20/3 20/1 20/3 19/8 19/9 19/4 19/4	056 ○ 041 ○ 047 ○ 046 ○ 043 ○ 044 ○ 042 ○ 045 ○ 054 ○ 055 ○ 61_1 ○ 60_1 ○	056 041 047 046 043 044 042 045 054 055 60 60				BK BN GY BU GN YE WH VT RD OG BU-WH WH-BU Sch	-W117 022.1906 Junction multipolar Cable	10,50 mt		BK BN GY BU GN YE WH VT RD OG BU-WH WH-BU Sch	056 041 047 046 043 044 042 045 054 055 60 60	J13 J13 J13 J13 J13 J13 J14 J13 J14 J14 J14 60_1	20/6 20/0 20/5 20/4 20/2 20/3 20/1 20/3 19/8 19/9 19/4	CB C4 CA C9 C6 C7 C5 C8 C2 C3 =QgCv -XQG2
=QgCv -XQG2 =QgCv -XQG1 =QgCv -XQG2 =QgCv -XQG1 =QgCv -XQG2	22/4 19/6 17/3 17/2 22/5	337 ○ 053 ○ 031 ○ 051 ○ 338 ○	337 053 031 7 338	BK BN GY BU GN YE WH VT RD OG BU-WH WH-BU Sch	-W117/1 022.1906 Junction multipolar Cable	12,00 mt		BK BN GY BU GN YE WH VT RD OG BU-WH WH-BU Sch				337 053 031 7 338	J9 J15 J7 J5 J9	22/4 19/6 17/3 17/1 22/5	E4 C1 C0 0VCC E5	
=QgCv -XQG2 =QgCv -XQG2	19/4 17/7	62_1 ○ 052 ○	60 052	VT RD OG BU-WH WH-BU Sch							VT RD OG BU-WH WH-BU Sch	60 052	60_1 052	19/4 22/4	=QgCv -XQG2 =QgCv -XQG1	
=QgCv -XQG2 =QgCv -XQG2	22/3 22/4	335 ○ 336 ○	335 336	BU-WH WH-BU Sch							J9 J9	22/3 22/4	E2 E3			

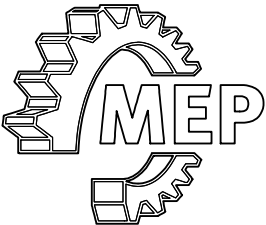
				Dis. N. DCM2030/480CSA/3618	Impianto/Plant DCM 20-30_ 480V.60Hz	Ordine/Requisition		Foglio/Page 33
				CAD SPAC		Commessa/Order DCM 20-30		
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File DCM2030/1.dwg	Denominazione/Title RIASSUNTIVO CAVI <i>CABLE SUMMARY</i>	Esecutore/Executor		
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli	Data 05/10/2018				
0.1	Aggiunto FC testa bassa e EV sblocco discesa testa	14-07-2009	Bartoli					Segue/Follow 34
REV.	MODIFICA	DATA	FIRME					Ultimo/Last 215

0	1	2	3	4	5	6	7	8	9							
CAVI ESTERNI \ EXTERNAL CABLES																
QUADRO \ BOARD				ID SUL CAVO ID IN CABLE					DESTINAZIONE \ LOCATION							
QUADRO BOARD	FOGLIO SHEET	NR. MORSETTO TERMINAL NO.	NR. FILO CONDUCTOR NO.						CAVO CABLE	LUNGHEZZA LENGHT [mt]	DISTURBO NOISE LEVEL	ID SUL CAVO ID IN CABLE	NR. FILO CONDUCTOR NO.	NR. MORSETTO TERMINAL NO.	FOGLIO SHEET	QUADRO BOARD
=QgCv -XQG2	23/7	358 ○	358	BK	-W118 022.1906 Junction multipolar Cable	10,50 mt		BK	358		23/7	E6				
	=QgCv -XQG2	23/1	355 ○	355				BN	BN	355	J11	23/1	E0			
	=QgCv -XQG2	23/8	359 ○	359				GY	GY	359	J11	23/8	E7			
	=QgCv -XQG2	23/2	356 ○	356				BU	BU	356	J10	23/2	E1			
=QgCv -XQG2	23/6			GN				GN								
				YE				YE								
		357 ○	357	WH				WH	357	J11	23/6	E5				
				VT				VT								
=QgCv -XQG2	19/4			RD				RD								
				OG				OG								
		61_1 ○	60	BU-WH				BU-WH	60	○ 62_1	19/4	=QgCv -XQG2				
				WH-BU				WH-BU								
				Sch				Sch								
=QgCv -K4	20/7	A1	049	BK				-W118/1 022.1906 Junction multipolar Cable	2,20 mt		BK	049		20/7	CC	
	=QgCv -XQG2	17/4	033 ○	033							BN	BN	033	J13	17/4	C2
	=QgCv -K65	19/5	A1	048							GY	GY	048	J15	19/5	C0
	1	12/0	1	032	BU	BU	032				J7	17/3	C1			
=QgCv -XQG2	17/6	036 ○	036	GN	GN	036	J7				17/6	C5				
				YE	YE											
	=QgCv -F18	23/5		352	WH	WH	352				J11	23/5	E3			
		=QgCv -F19	23/4		351	VT	VT				351	J11	23/4	E2		
=QgCv -XQG2		17/1	052 ○	052	RD	RD	052				J5	17/1	24VCC			
=QgCv -XQG2		20/7	050 ○	050	OG	OG	050				J13	20/7	CD			
=QgCv -XQG2	20/9	0502 ○	0502	BU-WH	BU-WH	0502	J13				20/9	CF				
=QgCv -XQG2	20/8	0501 ○	0501	WH-BU	WH-BU	0501	J13				20/8	CE				
				Sch	Sch											

				Dis. N. DCM2030/480CSA/3618	Impianto/Plant DCM 20-30_ 480V.60Hz	Ordine/Requisition		Foglio/Page 34
				CAD SPAC				Segue/Follow
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File DCM2030/1.dwg	Denominazione/Title RIASSUNTIVO CAVI CABLE SUMMARY	Commessa/Order DCM 20-30		35
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli	Data 05/10/2018		Esecutore/Executor		Ultimo/Last 215
0.1	Aggiunto FC testa bassa e EV sblocco discesa testa	14-07-2009	Bartoli					
REV.	MODIFICA	DATA	FIRME					

0	1	2	3	4	5	6	7	8	9				
CAVI ESTERNI \ EXTERNAL CABLES													
QUADRO \ BOARD									DESTINAZIONE \ LOCATION				
QUADRO BOARD	FOGLIO SHEET	NR. MORSETTO TERMINAL NO.	NR. FILO CONDUCTOR NO.	ID SUL CAVO ID IN CABLE	CAVO CABLE	LUNGHEZZA LENGHT [mt]	DISTURBO NOISE LEVEL	ID SUL CAVO ID IN CABLE	NR. FILO CONDUCTOR NO.	NR. MORSETTO TERMINAL NO.	FOGLIO SHEET	QUADRO BOARD	
=QgCv -XQG1	11/1	662_1 ○	662	BK1	-W30 022.1980	10,0 mt		BK1	662				
	=QgCv -XQG1	9/3	24VAC ○	???				BK2	BK2	???	1	11/1	1
					Blade guard Limit Switch					○ 2261	11/1	=QgCv -XQG1	
=QgCv -XQG2	22/3	335 ○	335	BK1	-W32 022.1984	5,50 mt		BK1	335		4	22/3	=BmMep -S5
	=QgCv -XQG2	22/4	336 ○	336				BK2	BK2	336			
=QgCv -XQG1	22/4	052 ○	051	BK3	Blade tensioning Switch			BK3	051		3	22/3	=BmMep -S5
	=QgCv -AL	22/0	PE ○	PE				GNYE	GNYE	PE			
=QgCv -XQG1	19/6	053 ○	60	BK1	-W37 022.1980	3,50 mt		BK1	60		A1	19/6	=BmMep -H1
	=QgCv -K65	19/5		A2				BK2		BK2	A2	19/6	=BmMep -H1
					Flashing light cable								
=QgCv -Q-K4	8/5	2	015	BK1	-W4 022.1984	6,50 mt		BK1	015		U	8/5	=QgCv -M2
	=QgCv -Q-K4	8/5	4	016				BK2	BK2	016	V	8/5	=QgCv -M2
					Coolant pump motor cable			BK3					
								BK3					
=QgCv -XQGPB	5/2	5_1 ○	PE	GNYE				GNYE	PE				
=QgCv -Q-K65	6/6	2	27	BK1	-W5 022.1984	9,50 mt		BK1	27		U	6/6	=BmMep -M20
	=QgCv -Q-K65	6/6	4	28				BK2	BK2	28	V	6/6	=BmMep -M20
=QgCv -Q-K65	6/6	6	29	BK3	Hydraulic oil unit cable			BK3	29		W	6/6	=BmMep -M20
	=QgCv -XQGPB	6/7	5_5 ○	PE				GNYE	GNYE	PE	PE	6/7	=BmMep -M20
=QgCv -XQG4	25/3	06/B0W ○	06	BK	-W96 022.0398	10.00 mt		BK	06		└─ 1	25/3	=QgCv -XTL(1
				BU				BU					
=QgCv -XQG4	25/3	05/B0W ○	05	BN	Finish laser line cable			BN	05		└─ 3	25/3	=QgCv -XTL(1
				WH				WH					
=QgCv -XQG2	22/4	337 ○	337	BK	-W-DHLS 022.0398	10,00 mt		BK	337		└─ 4	22/4	=QgCv -XRL
	=QgCv -XQG1	17/2	051 ○	051				BU	BU	051	└─ 3	22/5	=QgCv -XRL
=QgCv -XQG1	22/4	052 ○	052	BN	Deceleration Head Limit Switch			BN	052		└─ 1	22/5	=QgCv -XRL
				WH				WH					

				Foglio/Page			
				Dis. N.	DCM2030/480CSA/3618	Impianto/Plant	Ordine/Requisition
				CAD	SPAC	DCM 20-30_ 480V.60Hz	
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File	DCM2030/1.dwg	Denominazione/Title	Commissa/Order
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli	Data	05/10/2018	RIASSUNTIVO CAVI	DCM 20-30
0.1	Aggiunto FC testa bassa e EV sblocco discesa testa	14-07-2009	Bartoli			CABLE SUMMARY	Esecutore/Executor
REV.	MODIFICA	DATA	FIRME				



Segue/Follow	37
Ultimo/Last	215

0	1	2	3	4	5	6	7	8	9				
CAVI ESTERNI \ EXTERNAL CABLES													
QUADRO \ BOARD									DESTINAZIONE \ LOCATION				
QUADRO BOARD	FOGLIO SHEET	NR. MORSETTO TERMINAL NO.	NR. FILO CONDUCTOR NO.	ID SUL CAVO ID IN CABLE	CAVO CABLE	LUNGHEZZA LENGHT [mt]	DISTURBO NOISE LEVEL	ID SUL CAVO ID IN CABLE	NR. FILO CONDUCTOR NO.	NR. MORSETTO TERMINAL NO.	FOGLIO SHEET	QUADRO BOARD	
=QgCv -XQG2 =QgCv -XQG2 =QgCv -XQG1	17/1	052 ○	7	BN	-W-S0 022.0422 Proximity blade speed	6,50 mt		BN	7			17/2	=QgCv -XS0
	17/3	031 ○	031	BK				BK	031		17/3	=QgCv -XS0	
	17/2	051 ○	01951	BU				BU	01951		17/2	=QgCv -XS0	
				WH				WH					
=BmCv -XQG1 =QgCv -XQG1	11/1	462 ○	462	BK	-W-S1 022.0397 Blade Guard Limit Switch	5,00 mt		BK					
	11/1	662_1 ○	662	BU				BU	462	1	11/1	=BmMep -S1	
				BN				BN	662	3	11/1	=BmMep -S1	
				WH				WH					
=BmCv -XQG1 =QgCv -XQG1	11/1	462 ○	462	BK	-W-S2 022.0398 Blade Guard Limit Switch	10,00 mt		BK					
	11/1	2261 ○	1662	BU				BU	462	3	11/1	=BmMep -S2	
				BN				BN	1662	1	11/1	=BmMep -S2	
				WH				WH					
=QgCv -XQG2 =QgCv -XQG1	22/5	338 ○	338	BK	-W-S37 022.0398 Head Down Limit Switch	10,00 mt		BK					
	22/4	052 ○	052	BU				BU	338	2	22/5	=BmCv -S37	
				BN				BN	052	1	22/5	=BmCv -S37	
				WH				WH					
=QgCv -XQG2 =QgCv -XQG2	23/8	359 ○	041	BK1	-W-YV13 022.1980 Fast Approach Head rotation S.V.	1,20 mt		BK1	041			23/8	=QgCv -XE13
	23/8	60 ○	60	BK2				BK2	60		23/8	=QgCv -XE13	
	=QgCv -XQG2 =QgCv -XQG2	23/6	357 ○	041				BK1	-W-YV1A 022.1980 Clock wise rotation 60° S.V.	1,20 mt		BK1	041
23/6		60 ○	60	BK2	BK2	60		23/6				=QgCv -XE1	
=QgCv -XQG2 =QgCv -XE1		23/7	358 ○	042	BK1	-W-YV1B 022.1980 Counter Clock wise rotation 45° S.V.	1,20 mt					BK1	042
	23/6	3 C	60	BK2	BK2				60		23/7	-YV1B	
	=QgCv -XQG2 =QgCv -XQG2	20/4	046 ○	046	BK1				-W-YV2A 022.1980 Shuttle vise opening S.V.	1,20 mt		BK1	046
20/4		60 ○	60	BK2	BK2	60		20/4				=QgCv -XE2	

				Foglio/Page			
				37			
				Segue/Follow			
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	38			
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli	Ultimo/Last			
0.1	Aggiunto FC testa bassa e EV sblocco discesa testa	14-07-2009	Bartoli	215			
REV.	MODIFICA	DATA	FIRME				

Dis. N. **DCM2030/480CSA/3618**

CAD **SPAC**

File **DCM2030/1.dwg**

Data **05/10/2018**

Impianto/Plant

DCM 20-30_ 480V.60Hz

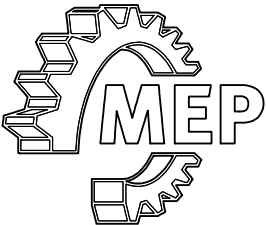
Denominazione/Title

RIASSUNTIVO CAVI
CABLE SUMMARY

Ordine/Requisition

Commissa/Order

Esecutore/Executor



Foglio/Page

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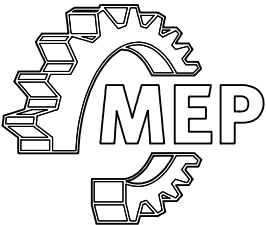
Segue/Follow

38

Ultimo/Last

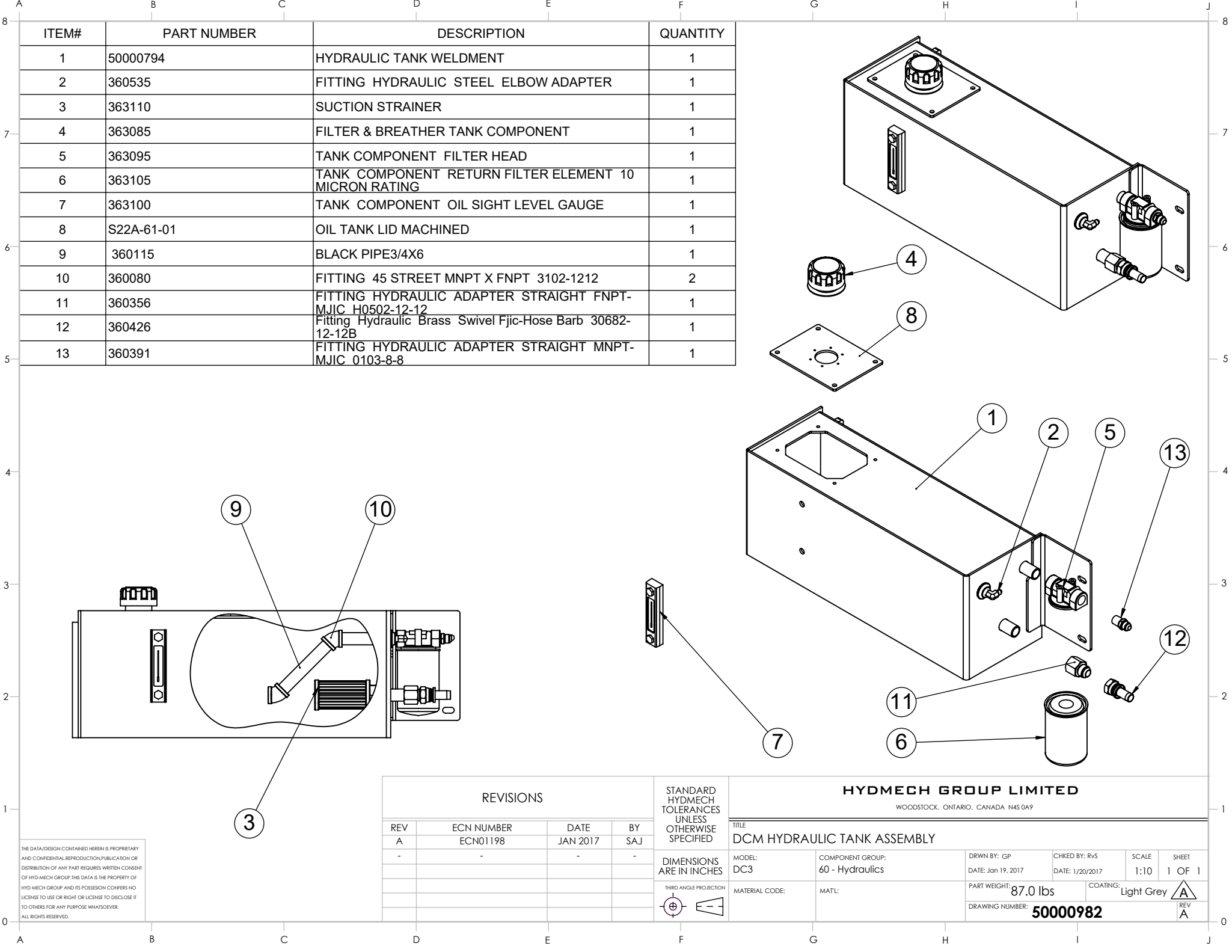
215

CAVI ESTERNI \ EXTERNAL CABLES												
QUADRO \ BOARD									DESTINAZIONE \ LOCATION			
QUADRO BOARD	FOGLIO SHEET	NR. MORSETTO TERMINAL NO.	NR. FILO CONDUCTOR NO.	ID SUL CAVO ID IN CABLE	CAVO CABLE	LUNGHEZZA LENGHT [mt]	DISTURBO NOISE LEVEL	ID SUL CAVO ID IN CABLE	NR. FILO CONDUCTOR NO.	NR. MORSETTO TERMINAL NO.	FOGLIO SHEET	QUADRO BOARD
=QgCv -XQG2 =QgCv -XE2	20/5 20/4	047	047	BK1	-W-YV2B 022.1980 Shuttle vise close S.V.	1,20 mt		BK1	047	— 4	20/5 20/5	=QgCv -XE2 -YV2B
		3	60	BK2				BK2	60			
=QgCv -XQG2 =QgCv -XQG2	20/0 20/0	041	041	BK1	-W-YV3A 022.1980 Cutting vise opening S.V.	1,20 mt		BK1	041	— 2	20/0 20/0	=QgCv -XE3 =QgCv -XE3
		60	60	BK2				BK2	60	— 3		
=QgCv -XQG2 =QgCv -XE3	20/1 20/0	042	042	BK1	-W-YV3B 022.1980 Cutting vise closing S.V.	1,20 mt		BK1	042	— 4	20/1 20/1	=QgCv -XE3 -YV3B
		3	60	BK2				BK2	60			
=QgCv -XQG2 =QgCv -XQG2	20/6 20/0	056	056	BK1	-W-YV48 022.1980 Blade Brush S.V.	1,20 mt		BK1	056	1	20/6 20/6	=QgCv -XC48 =QgCv -XC48
		60	60	BK2				BK2	60	2		
=QgCv -XE13 =QgCv -XE13	23/6 23/5	2	353	BK1	-W-YV49 022.1980 Head Fast Approach S.V.	2,00 mt		BK1	353	J11	23/6 23/5	E4 =QgCv -XQG2
		1	60	BK2				BK2	60	○ 60_1		
=QgCv -XQG2 =QgCv -XQG2	20/2 20/2	043	043	BK1	-W-YV4A 022.1980 Head Upstroke S.V.	1,20 mt		BK1	043	— 4	20/2 20/2	=QgCv -XE4 =QgCv -XE4
		60	60	BK2				BK2	60	— 3		
=QgCv -XQG2 =QgCv -XE4	20/3 20/2	044	044	BK1	-W-YV4B 022.1980 Head Downstroke S.V.	1,20 mt		BK1	044	— 2	20/3 20/3	=QgCv -XE4 -YV4B
		3	60	BK2				BK2	60	2		
=QgCv -XQG2 =QgCv -XQG2	23/1 23/1	355	041	BK1	-W-YV5A 022.1980 Blade tensioning increase S.V.	1,20 mt		BK1	041	— 4	23/1 23/1	=QgCv -XE5 =QgCv -XE5
		60	60	BK2				BK2	60	— 3		
=QgCv -XQG2 =QgCv -XE5	23/2 23/1	356	042	BK1	-W-YV5B 022.1980 Blade tensioning decrease S.V.	1,20 mt		BK1	042	— 2	23/2 23/2	=QgCv -XE5 -YV5B
		3	60	BK2				BK2	60			
=QgCv -XQG1 =QgCv -XQG1	19/8 19/8	054	338	BK1	-W-YV6 022.1980 Up Roller Loading S.V.	1,20 mt		BK1	338	— 2	19/8 19/8	=QgCv -XE6 =QgCv -XE6
		60	554	BK2				BK2	554	— 3		

				Dis. N. DCM2030/480CSA/3618	Impianto/Plant DCM 20-30_ 480V.60Hz	Ordine/Requisition		Foglio/Page 38
				CAD SPAC		Commessa/Order DCM 20-30		
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File DCM2030/1.dwg	Denominazione/Title RIASSUNTIVO CAVI <i>CABLE SUMMARY</i>	Esecutore/Executor		
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli	Data 05/10/2018				
0.1	Aggiunto FC testa bassa e EV sblocco discesa testa	14-07-2009	Bartoli					Ultimo/Last 215
REV.	MODIFICA	DATA	FIRME					

0	1	2	3	4	5	6	7	8	9						
CAVI ESTERNI \ EXTERNAL CABLES															
QUADRO \ BOARD									DESTINAZIONE \ LOCATION						
QUADRO BOARD	FOGLIO SHEET	NR. MORSETTO TERMINAL NO.	NR. FILO CONDUCTOR NO.	ID SUL CAVO ID IN CABLE	CAVO CABLE	LUNGHEZZA LENGHT [mt]	DISTURBO NOISE LEVEL	ID SUL CAVO ID IN CABLE	NR. FILO CONDUCTOR NO.	NR. MORSETTO TERMINAL NO.	FOGLIO SHEET	QUADRO BOARD			
=QgCv -XQG1 =QgCv -XQG1	19/9 19/8	055 ○ 60 ○	340 555	BK1 BK2	-W-YV7 022.1980 Up Roller UnLoading S.V.	1,20 mt		BK1 BK2	340 555	└─ 2 └─ 3	19/9 19/8	=QgCv -XE7 =QgCv -XE7			
=QgCv -XQG2 =QgCv -XQG1	20/3 20/3	045 ○ 60 ○	045 60	BK1 BK2	-W-YVBK 022.1980 Head Release S.V.	1,20 mt		BK1 BK2	045 60	└─ 2 └─ 3	20/3 20/3	=QgCv -XBK =QgCv -XBK			
=QgCv -XQG2 =QgCv -XBK1	20/3 20/3	044 ○ 3 └─	044 60	BK1 BK2	-W-YVBK1 022.1980 Head Unlock S.V.	4,00 mt		BK1 BK2	044 60	└─ 2 └─ 3	20/2 20/1	=QgCv -XBK1 =QgCv -XBK1			
=QgCv -XQG2	20/2	60 ○	60	BK1 BK2	-W-YVBK2 022.1980 Head Unlock S.V.	1,50 mt		BK1 BK2	60	└─ 3	20/1	=QgCv -XBK1			
=QgCv -XENC =QgCv -XENC =QgCv -XENC =QgCv -XENC =QgCv -XENC =QgCv -XENC =QgCv -XENC =QgCv -XENC	24/2 24/2 24/2 24/2 24/2 24/2 24/2 24/2	J └─ I └─ H └─ F └─ C └─ D └─ A └─ B └─	05 06 68 66 07 08 09 010	RD BU BK OG GN YE WH BN	-W500 022.0402 Head rotation Encoder cable	10,0 mt		RD BU BK OG GN YE WH BN	05 06 68 66 07 08 09 010	J3 J3 J3 J3 J3 J3 J3 J3	24/3 24/4 24/4 24/4 24/4 24/5 24/6 24/7	24VCC 0VCC 0VCC 0VCC DATA + DATA - CLK+ CLK-			
				BK1 BK2	-W89 022.1980 Spray mist system cable	8,50 mt		BK1 BK2							

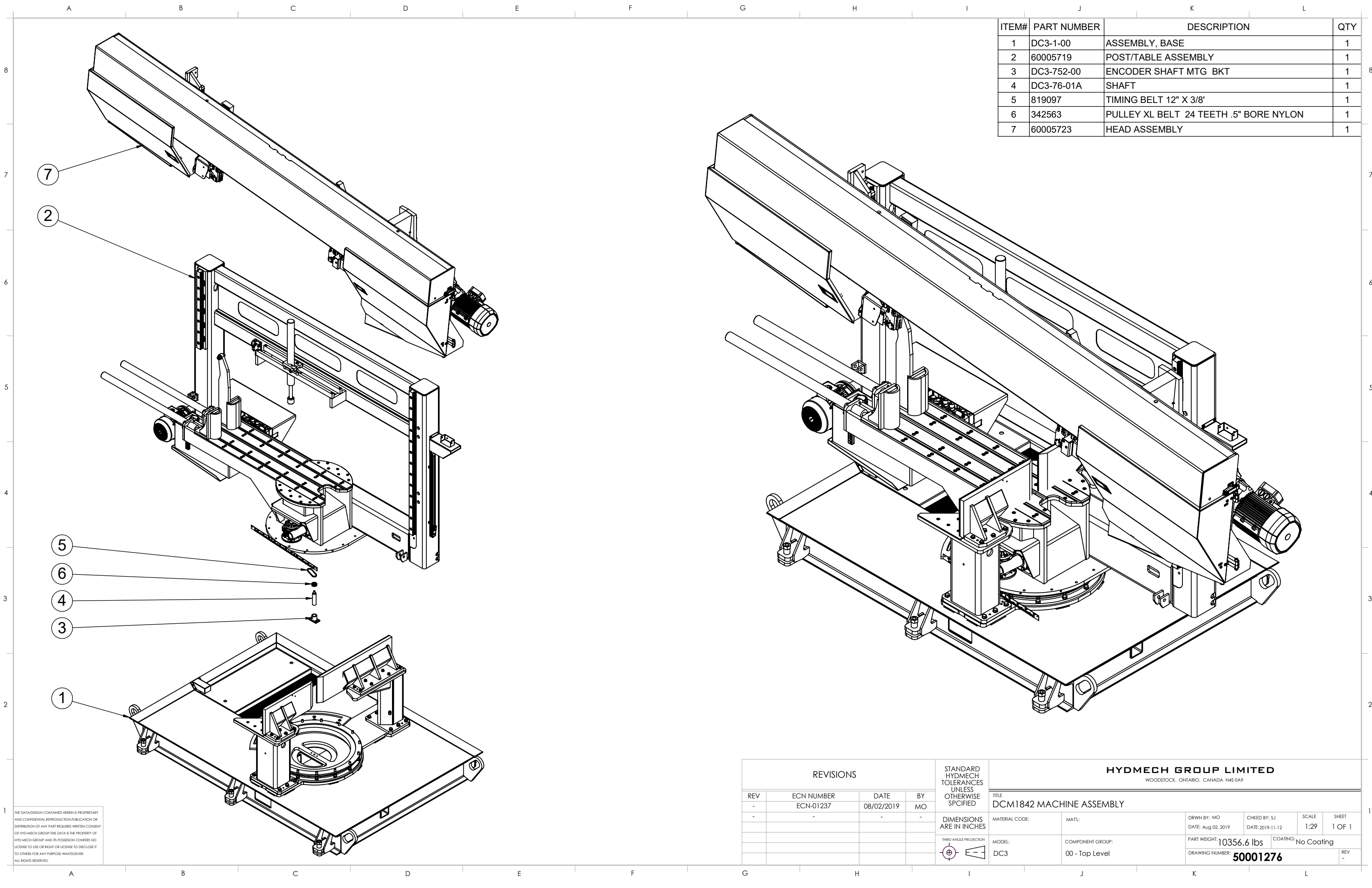
				Dis. N. DCM2030/480CSA/3618	Impianto/Plant <i>DCM 20-30_ 480V.60Hz</i>	Ordine/Requisition		Foglio/Page 39
				CAD SPAC		Commessa/Order DCM 20-30		Segue/Follow 40
R.0.3.	Added connections Blue/White and White/Blue (W118)	07/11/2018	Solfanelli	File DCM2030/1.dwg	Denominazione/Title DISTINTA MATERIALI MATERIAL LIST	Esecutore/Executor		Ultimo/Last 215
0.2	Aggiunte traduzioni cavi e modifiche H.M.	07-04-2010	Bartoli					
0.1	Aggiunto FC testa bassa e EV sblocco discesa testa	14-07-2009	Bartoli	Data 05/10/2018				
REV.	MODIFICA	DATA	FIRME					



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REVISIONS				STANDARD HYDMECH TOLERANCES UNLESS OTHERWISE SPECIFIED
REV	ECN NUMBER	DATE	BY	
A	ECN01198	JAN 2017	SAJ	
-	-	-	-	
				DIMENSIONS ARE IN INCHES
				THIRD ANGLE PROJECTION
				

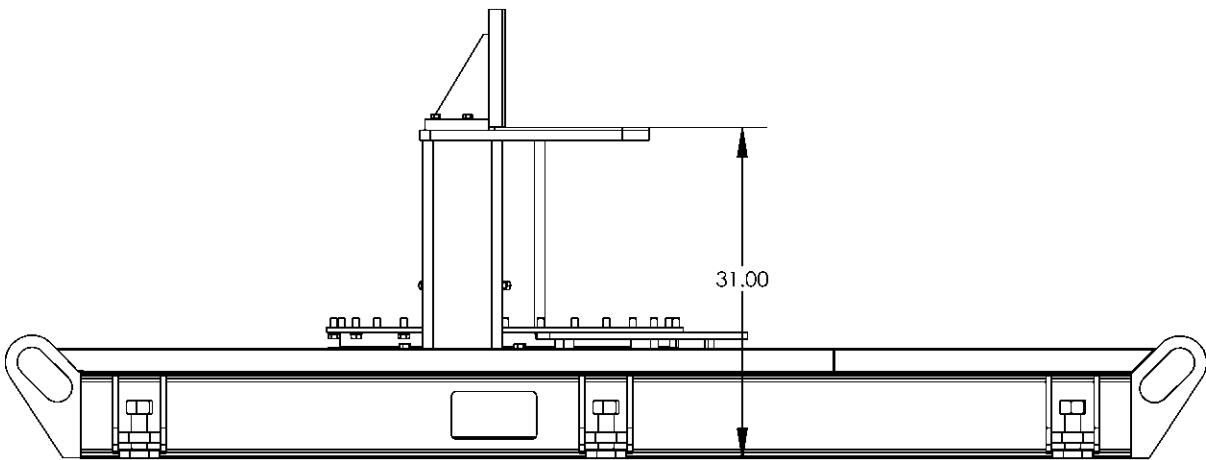
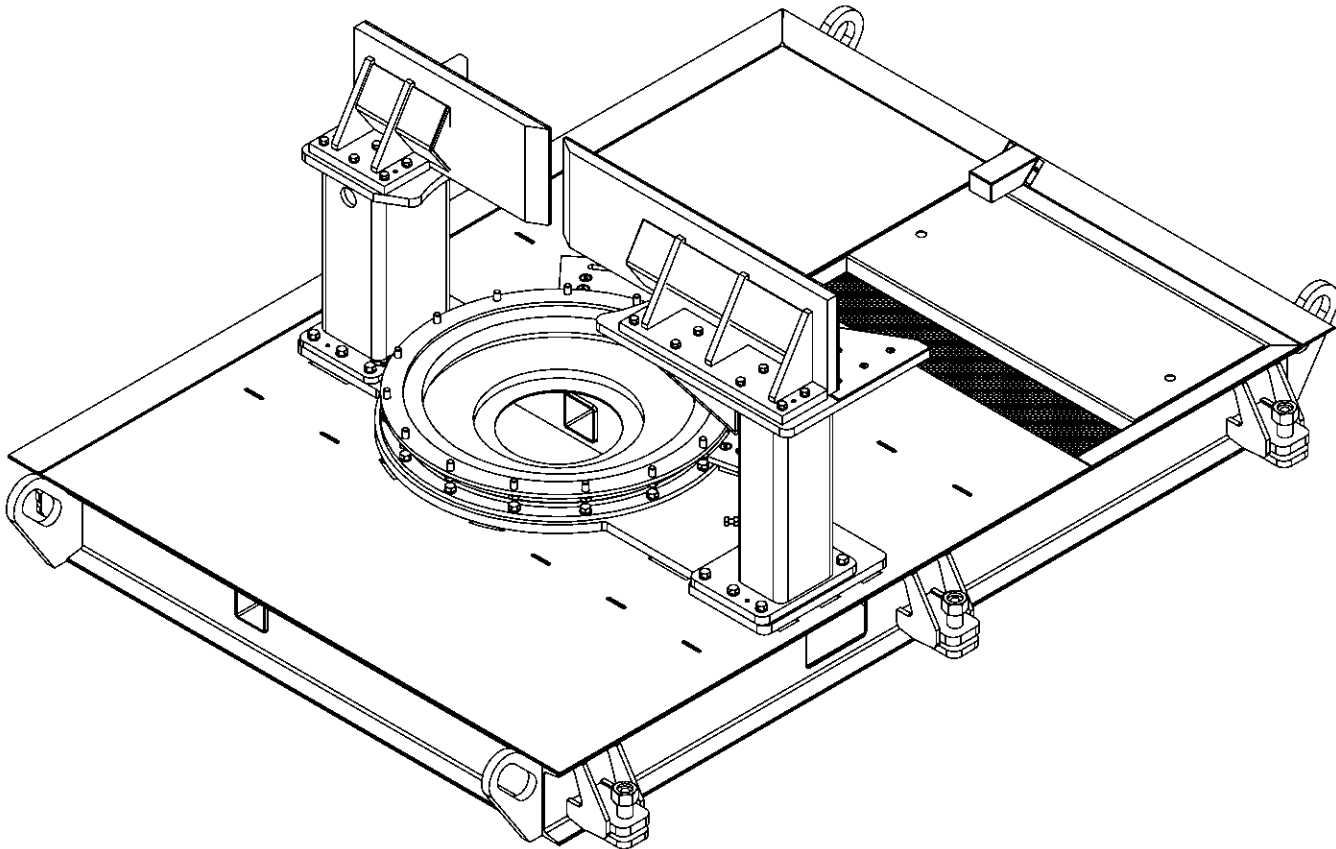
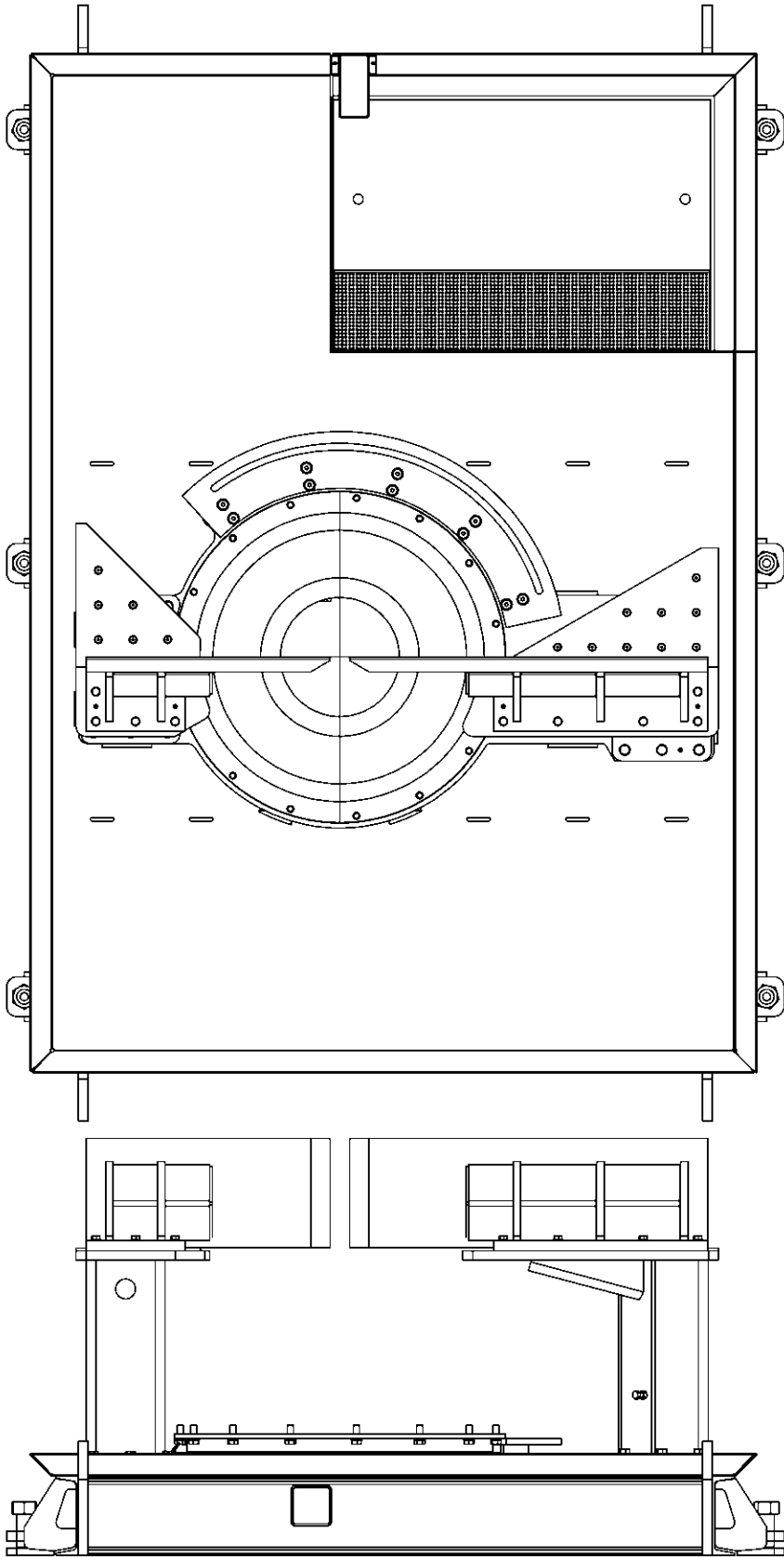
HYDMECH GROUP LIMITED				
WOODSTOCK, ONTARIO, CANADA N4S 0A9				
TITLE				
DCM HYDRAULIC TANK ASSEMBLY				
MODEL:	COMPONENT GROUP:	DRWN BY:	CHKD BY:	SCALE
DC3	60 - Hydraulics	GP	RVS	1:10
DATE: Jan 19, 2017		DATE: 1/20/2017		SHEET
PART WEIGHT:		COATING:		1 OF 1
87.0 lbs		Light Grey		
DRAWING NUMBER:		REV		
50000982		A		



ITEM#	PART NUMBER	DESCRIPTION	QTY
1	DC3-1-00	ASSEMBLY, BASE	1
2	60005719	POST/TABLE ASSEMBLY	1
3	DC3-752-00	ENCODER SHAFT MTG BKT	1
4	DC3-76-01A	SHAFT	1
5	819097	TIMING BELT 12" X 3/8'	1
6	342563	PULLEY XL BELT 24 TEETH .5" BORE NYLON	1
7	60005723	HEAD ASSEMBLY	1

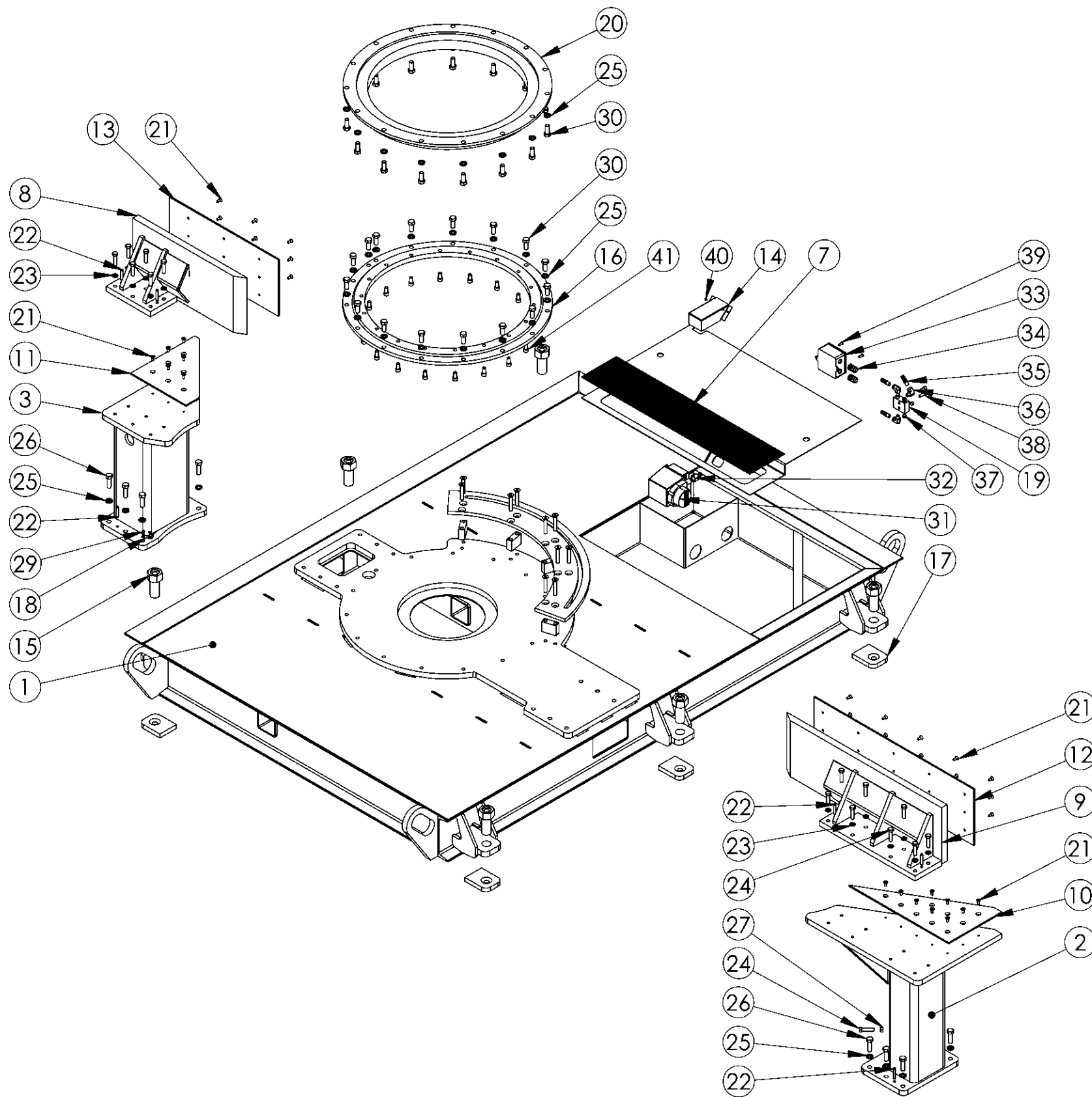
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REVISIONS				STANDARD HYDMECH TOLERANCES UNLESS OTHERWISE SPECIFIED	HYDMECH GROUP LIMITED WOODSTOCK, ONTARIO, CANADA N4S 0A9							
REV	ECN NUMBER	DATE	BY		TITLE							
-	ECN-01237	08/02/2019	MO		DCM1842 MACHINE ASSEMBLY							
-	-	-	-		MATERIAL CODE:		MAT'L:	DRWN BY: MO DATE: Aug 02, 2019	CHKD BY: SJ DATE: 2019-11-12	SCALE 1:29	SHEET 1 OF 1	
				DIMENSIONS ARE IN INCHES								
				THIRD ANGLE PROJECTION	MODEL:	COMPONENT GROUP:	PART WEIGHT:	COATING:				
					DC3	00 - Top Level	10356.6 lbs	No Coating			REV	
							DRAWING NUMBER: 50001276				-	



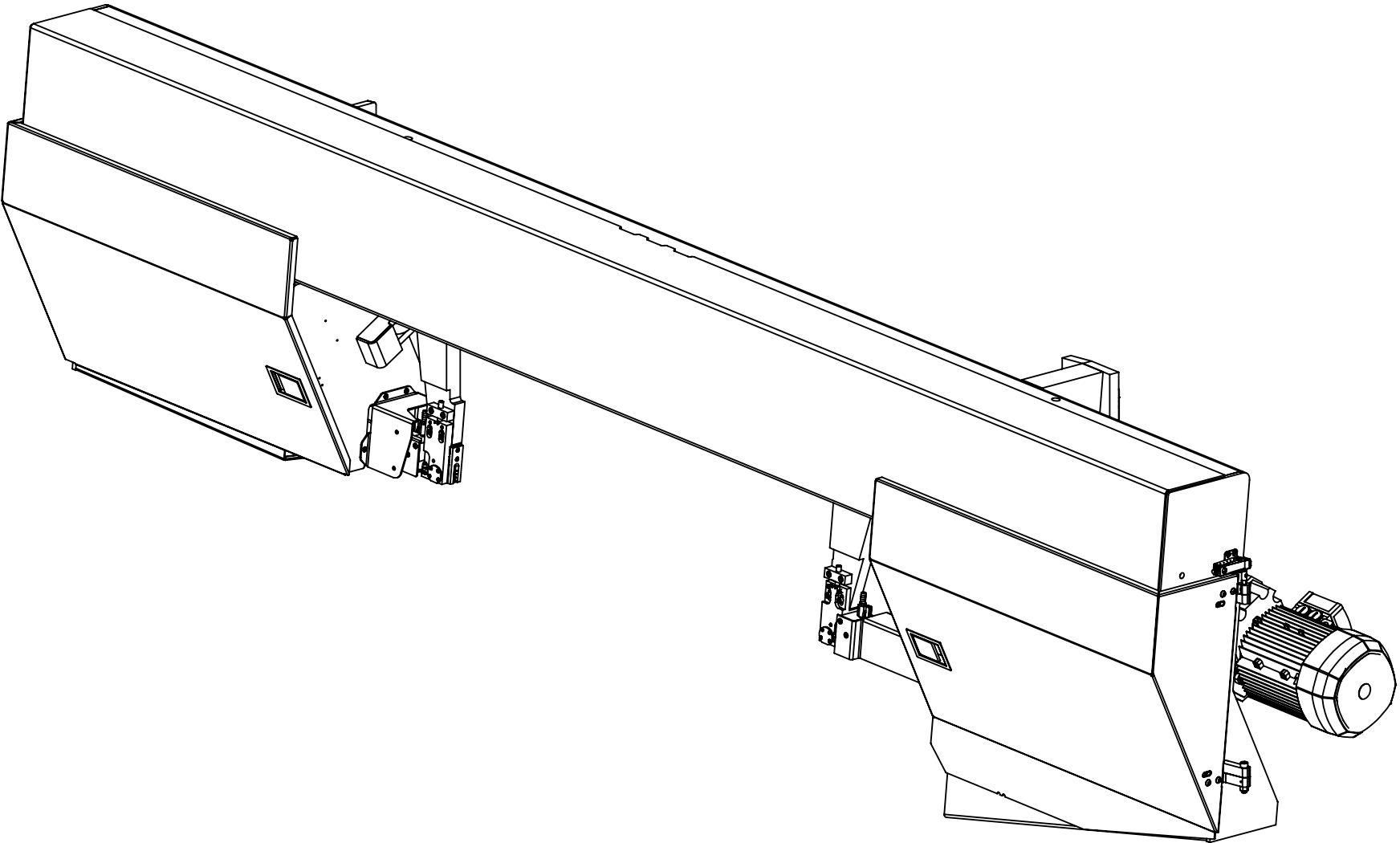
REVISIONS				STANDARD TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
REV	ECN NUMBER	DATE	BY	DIMENSIONS ARE IN INCHES		ASSEMBLY, BASE									
A	W00-0296 & W00-0305	05/18/06	MS			MATERIAL CODE:	DATE:	SAW CUT LENGTH	DRWN BY: WR	CHKD BY:	SCALE	SHEET	REV		
				LINEAR		ANGULAR		ASSEMBLY		DATE: DEC 04	DATE:	1:18	1 OF 3	A	
				.X +/- .015 IN		X.X +/- 0.5 DEG									
				.XX +/- .010 IN											
				.XXX +/- .005 IN											
				= 125 MICRO INCHES											
								OVERALL DIMENSIONS		PART WT GWT		COATING			
						T-KIDD		WID*W/D		LENGTH		2692 LBS			
						X		X		X		DRAWING NUMBER: DC3-1-00			

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	DC3-11-00	BASE WELDMENT
2	1	M-DC1-14-00	WELDMENT, INFEED FIXED JAW SUPPORT, MACH
3	1	M-DC1-15-00	WELDMENT, OUTBOARD JAW SUPPORT, MACHINED
4	1	M-DC1-1-11A	PLATE, BRAKE, MACHINED
5	5	DC1-1-12	SUPPORT, BRAKE PLATE
6	1	DC1-1-02A	COVER, COOLANT TANK
7	1	DC1-1-03	SCREEN, COOLANT
8	1	M-DC1-12-00	WELDMENT, OUTBOARD JAW, MACHINED
9	1	M-DC1-13-00	WELDMENT, INFEED JAW, MACHINED
10	1	M-DC1-1-04	WEARSTRIP, INFEED, MACHINED
11	1	M-DC1-1-05	WEARSTRIP, OUTBOARD, MACHINED
12	1	M-DC1-1-06	WEARSTRIP, INFEED JAW, MACHINED
13	1	M-DC1-1-07	WEARSTRIP, OUTBOARD JAW, MACHINED
14	1	DC1-1-13	COVER
15	6	M-DC1-16-00	WELDMENT, LEVELING BOLT, MACHINED
16	1	M-DC1-1-09B	BEARING MOUNTING RING, MACHINED
17	6	M-DC1-1-10A	FOOT PAD, MACHINED
18	1	M16-9-02B	POINTER, ANGLE
19	1	S25-6-03	WISE HOSE JUNCTION BLOCK
20	1	340036	BEARING, SLEW RING, L SHAPED
21	39	390645	Bolt, Socket Head, Flat, 0.3125 - 18 x 0.75
22	8	393790	Roll Pin, 0.375 x 2.00
23	14	394775	Washer, Lock, 0.5
24	16	390190	Bolt, Hex Head Cap, 0.50 - 13 x 2.00
25	43	394780	Washer, Lock, 0.625
26	12	390260	Bolt, Hex Head Cap, 0.625 - 11 x 2.00
27	2	392860	Nut, Hex, 0.50-13
28	10	390583	Bolt, Socket Head, Flat, 0.50 - 13 x 3.0
29	2	390025	Bolt, Button Head Cap Screw, 10-24 x 0.50
30	31	390250	Bolt, Hex Head Cap, 0.625 - 11 x 1.50
31	1	341690	PUMP, COOLANT, SUBMERSIBLE, 115V, 60HZ
32	1	360166	FITTING, BRASS HOSE BARB, 0.5F NPT-0.5
33	1	370040	BOX, JUNCTION 4 X 4 X 2 C/W GASKET
34	2	370505	CONNECTOR, PG11, BLACK, WITH NUT
35	3	360168	FITTING, BRASS HOSE BARB, NPT STRAIGHT
36	3	360160	Fitting, Hydraulic, Steel, 90 MNPT-FNPT, 2102-4-4
37	3	360710	Fitting, Pipe Plug, 01 HP-2
38	2	390715	Bolt, Socket Head, Cap, 0.375 - 16 x 1.0
39	2	390024	BOLT, BUTTON HEAD CAP, 0.25 - 20 X 0.75
40	2	390020	Bolt, Button Head Cap Screw, 10-24 x 0.25
41	18	390751	Bolt, Socket Head, Cap, 0.5 - 13 x 1.0



REVISIONS				STANDARD TOLERANCES UNLESS OTHERWISE SPECIFIED										
REV	ECN NUMBER	DATE	BY	DIMENSIONS ARE IN INCHES		TITLE ASSEMBLY, BASE								
A	W00-0296 & W00-0305	05/18/06	MS			MATERIAL CODE: ASSEMBLY		WALL:	SAW CUT LENGTH	DRWN BY: M.S. DATE: 05/17/2006	CHKD BY:	SCALE 1:20	SHEET 2 OF 3	REV A
				LINEAR .X +/- .015 IN .XX +/- .010 IN .XXX +/- .005 IN = 125 MICRO INCHES	ANGULAR X.X +/- 0.5 DEG 	OVERALL DIMENSIONS "X"OD "Y"D "Z" WALLWT LENGTH			PART WGT "G"		COATING			
						X - X			X	DRAWING NUMBER: DC3-1-00				

	A	B	C	D
ITEM#	PART NUMBER	DESCRIPTION		QTY.
1	60005712	HEAD WELDMENT		1
2	341718	RAIL, GUIDE LINEAR, 1500MM		2
3	H22SV-G47-00A	ASSY GUIDE ARM - IDLER SIDE		1
4	H22SV-46-00	DRIVE SIDE GUIDE BLOCK ASSEMBLY		1
5	341716	BLOCK, LINEAR, RUNNER, SIZE 25		3
6	H22SV-43-00	ASSEMBLY, SLIDER, IDLER WHEEL		1
7	815753	BLOCK, RUNNER, LINEAR, SIZE 55, LGB-BCH55A-N-Z1		3
8	DC2-94-02E	GUARD, DRIVE SIDE		1
9	DC3-93-01	BLADE GUARD		1
10	H22-48-00	ASSEMBLY, BLADE BRUSH		1
11	341275	HANDLE PLADDLE LATCH WITHOUT LOCK BLACK POWDER COATED 64-10-301-90		2
12	H22SV-49-00C	KIT, BLADE DRIVE, A603 GEAR BOX		1
13	390676	BOLT, SOCKET HEAD, CAP, 0.25-20 X 1.25		50
14	390767	BOLT, SOCKET HEAD, CAP, 0.50-13 X 4.50		3
15	H22-6-01	TENSION CYLINDER MTG PIN		2
16	393540	RING, RETAINING, EXTERNAL, 1.125		4
17	390780	BOLT, SOCKET, CAP, 0.50-13X1.50		12
18	H22-C5-00A	ASSEMBLY, CYLINDER, BLADE TENSION		1
19	DC3-3-01C	BLADE GUARD, IDLER SIDE		1
20	DC2-33A-01	DOOR IDLER SIDE		1
21	DC2-32A-00	DRIVE DOOR WELDMENT		1
22	395295	BOLT, SOCKET HEAD, CAP, M8-1.25 X 40		12
23	H10-76-01	LAMP FIXTURE		1
24	H22SV-G35-01A	STATIC HINGE		2
25	H22SV-G36-01A	STATIC HINGE		2
26	H22SV-34-01	PIN, HINGE		2
27	H22SV-G34-01A	MOVING HINGE		2
28	H22SV-G37-01A	MOVING HINGE		2
29	395293	BOLT, SOCKET HEAD, CAP, 0.50-13 X 2.75		2
30	392979	NUT, LOCK, NYLON, 0.50-13		2
31	394715	WASHER, FLAT, SAE, 0.375		8
32	394770	WASHER, LOCK, 0.375		8
33	390019	BOLT, BUTTON HEAD, CAP, 0.375-16 X 1.25		8
34	372547	SAFETY SWITCH		2
35	H22SV-71-01	BRACKET, SAFETY SWITCH		1
36	H22SV-72-01	BRACKET, SAFETY SWITCH		1
37	393730	ROLL PIN, 0.188 X 1.00		2
38	390848	BOLT, BUTTON HEAD, CAP, 8-32 X 0.50		2
39	390018	BOLT, BUTTON HEAD, CAP, 0.375-16 X 0.625		8
40	395276	SCREW, SET, CUP POINT, M3-0.5 X 3.00		2
41	M-H22SV-461-00B	GUIDE ARM WELDMENT - DRIVE SIDE		1
42	390725	BOLT, SOCKET HEAD, CAP, 0.375-16 X 1.5		4
43	390641	BOLT, SOCKET HEAD, FLAT, 0.25-20 X 0.50		4
44	394760	WASHER, LOCK, 0.25		3
45	390024	BOLT, BUTTON HEAD, CAP, 0.25-20 X 0.75		3
46	50002445	AUX BEARING MOUNT		1
47	394665	WASHER, FLAT, 0.50		4
48	394775	WASHER, LOCK, 0.50		4
49	390190	BOLT, HEX HEAD, CAP, 0.50-13 X 2.00		4
50	394700	WASHER, FLAT, NO.10		4
51	394755	WASHER, LOCK, NO. 10		4
52	390026	BOLT, BUTTON HEAD, CAP, 10-24 X 0.75		4
53	390852	BOLT, SOCKET HEAD, CAP, 8-32 X 1.00		4



NOTES:

1. ASSEMBLY REQUIREMENTS:

1.1 DRILL AND/OR TAP HOLE AT DEFINED/DETAILED LOCATION:

1.1.1 Ø .149 ▾ THRU
#10-24 UNC-1B ▾ THRU

1.1.2 Ø .136 ▾ THRU ALL
#8-32 UNC-1B ▾ THRU ALL

1.1.3 Ø .188 ▾ THRU ALL

1.2 APPLY THREAD LOCKING COMPOUND TO THREADED FEATURES AS REQUIRED:

1.2.1 APPLY RED 271 LOCTITE (14025 VIBRA-TITE) OR EQUIVALENT.

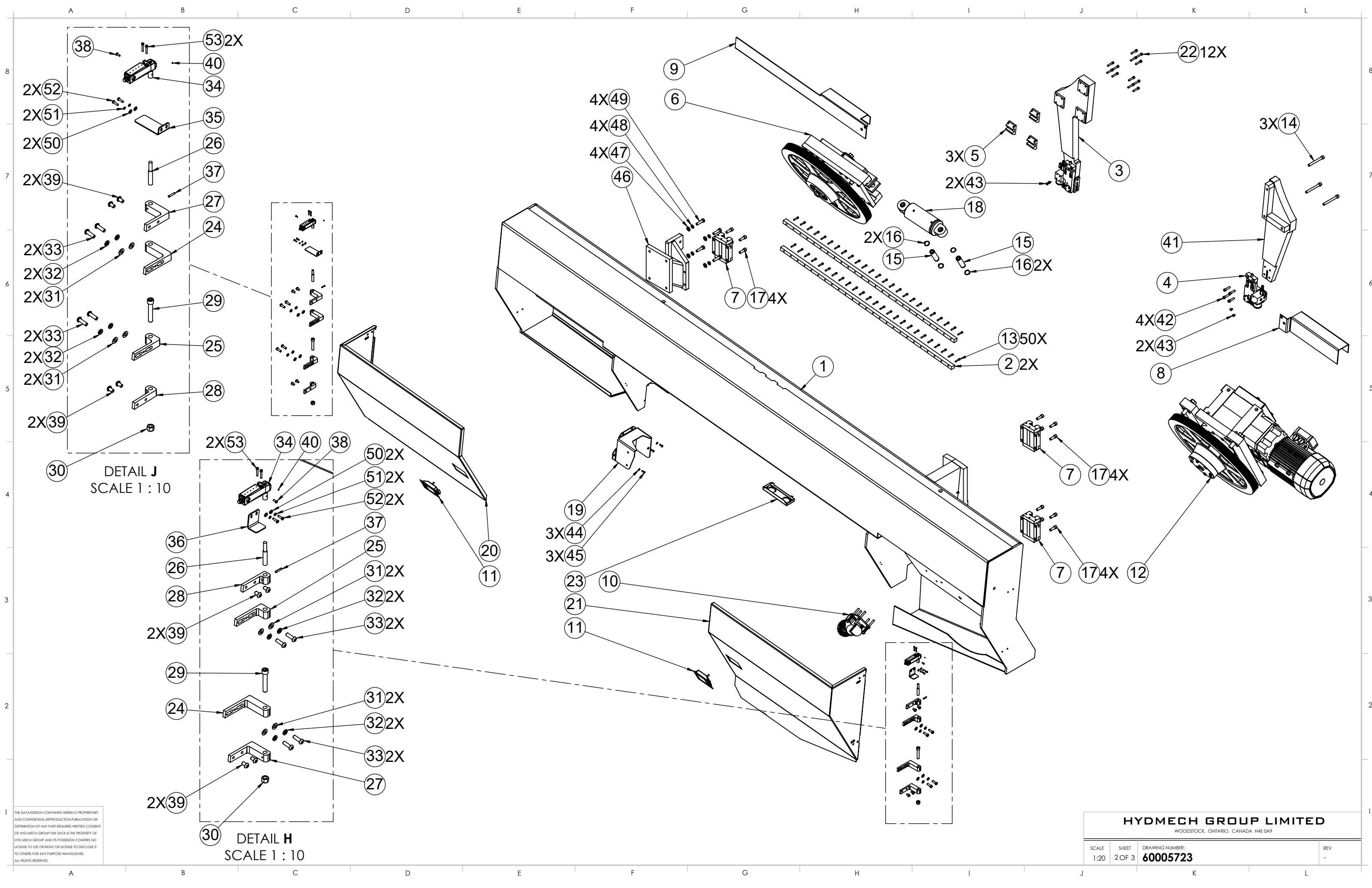
1.2.2 APPLY BLUE 242 LOCTITE OR EQUIVALENT.

1.3 APPLY GREASE & LUBRICATION TO MATING SURFACES AND FEATURES AS REQUIRED.

1.4 PRE-LOAD LOWER HINGE TO CREATE .030" GAP BETWEEN BOTH HINGES DURING INSTALLATION.

REVISIONS				STANDARD HYDMECH TOLERANCES UNLESS OTHERWISE SPECIFIED	HYDMECH GROUP LIMITED WOODSTOCK, ONTARIO, CANADA N4S 0A9						
REV	ECN NUMBER	DATE	BY		TITLE HEAD ASSEMBLY						
-	ECN-01237	08/02/2019	MO								
-	-	-	-								
				DIMENSIONS ARE IN INCHES	MATERIAL CODE: ASSEMBLY	MATL:	DRWN BY: MO DATE: Aug 02, 2019	CHKD BY: SJ DATE: 2019-11-12	SCALE 1:16	SHEET 1 OF 3	
				THIRD ANGLE PROJECTION 	MODEL: DC3	COMPONENT GROUP: 300 - Head Assy	PART WEIGHT: 4450.7 lbs	COATING: No Coating		REV -	
							DRAWING NUMBER: 60005723				

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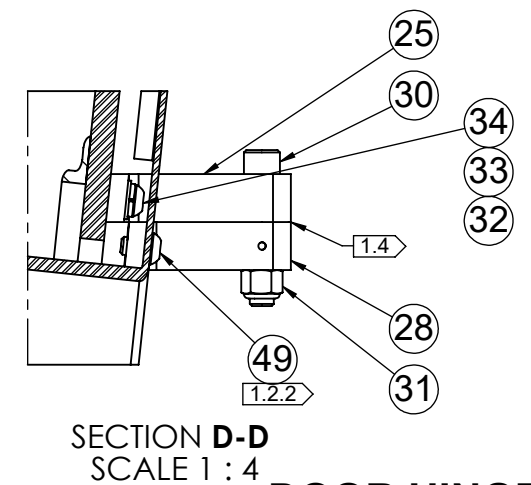
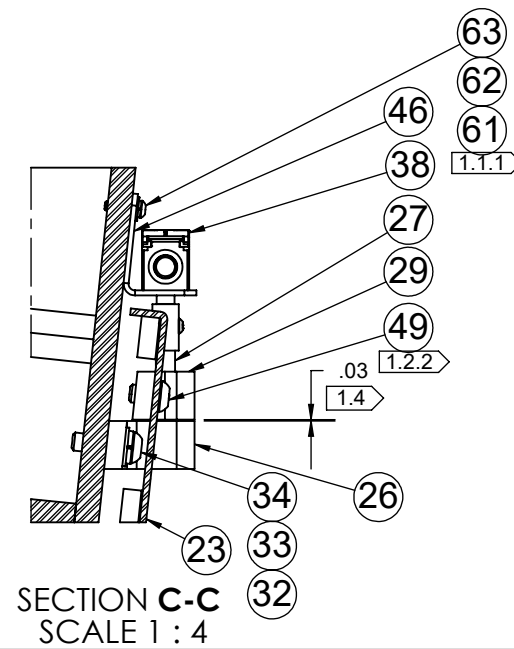
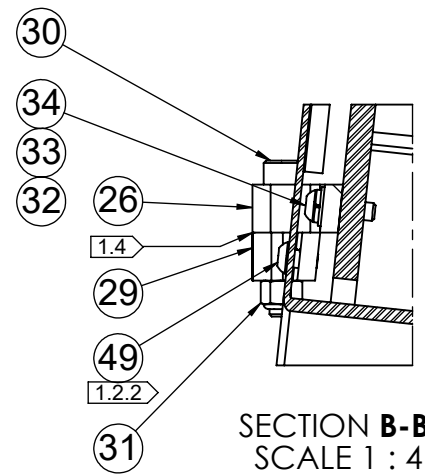
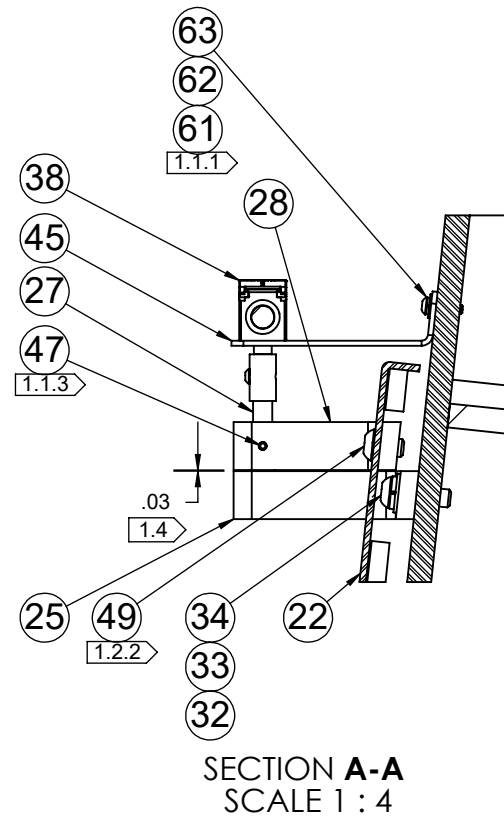
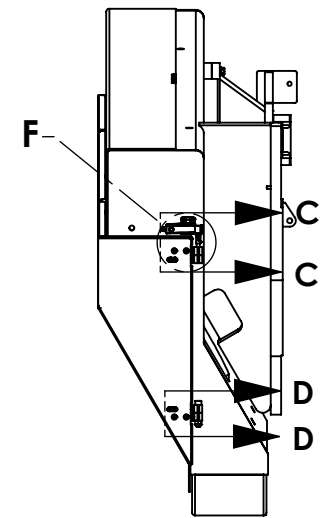
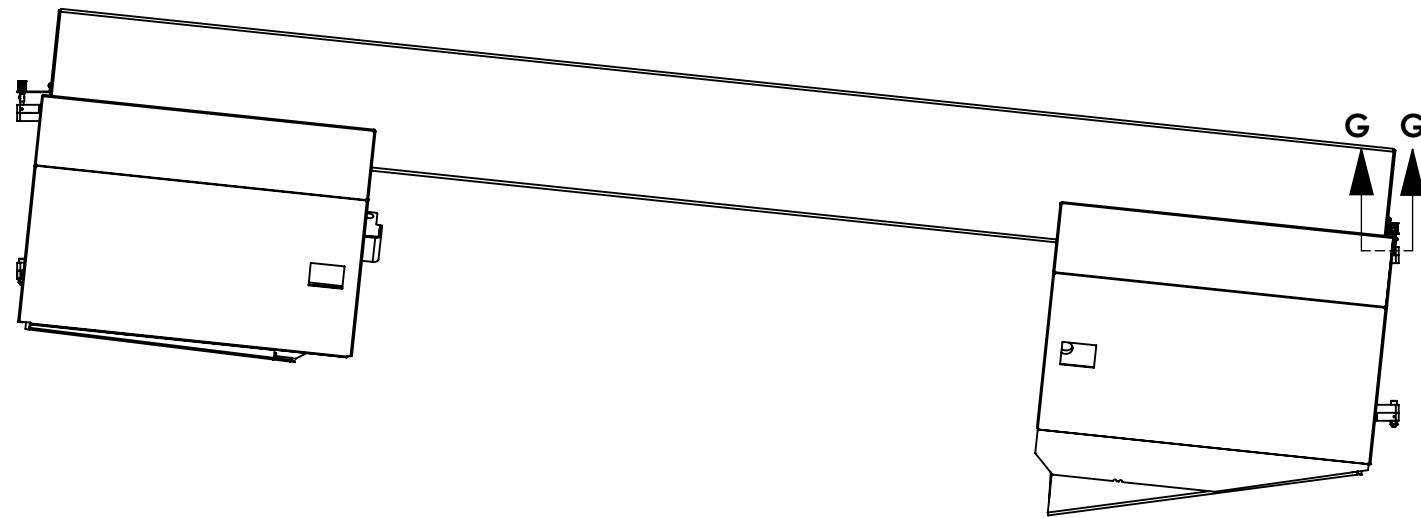
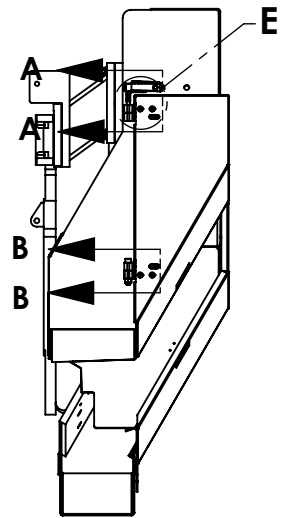
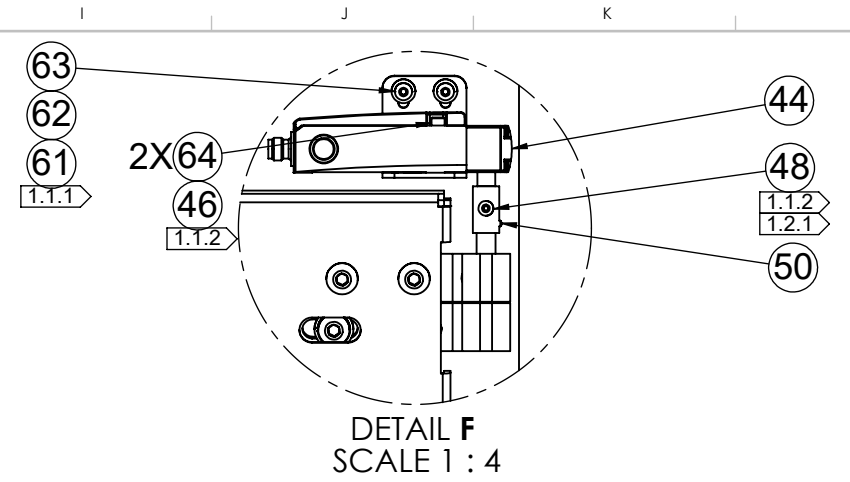
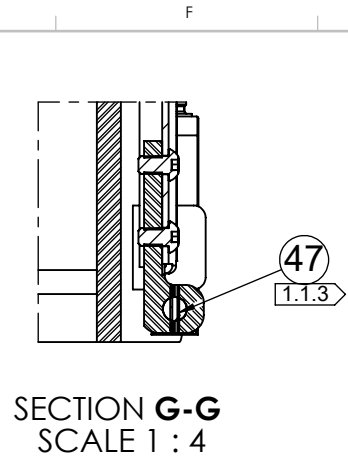
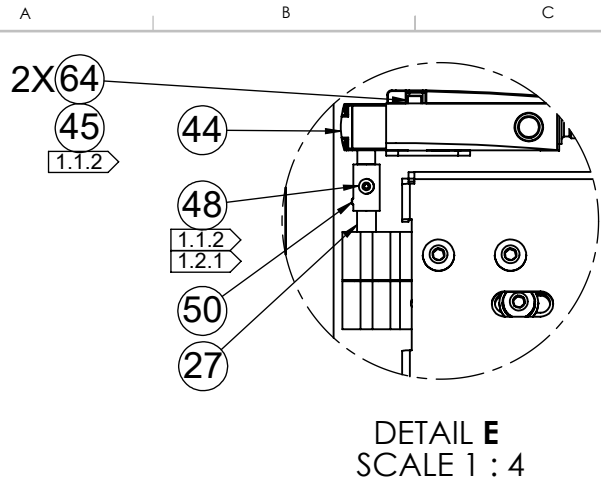


DETAIL J
SCALE 1 : 10

DETAIL H
SCALE 1 : 10

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HYDMECH GROUP LIMITED			
WOODSTOCK, ONTARIO, CANADA N4S 0A9			
SCALE	SHEET	DRAWING NUMBER:	REV
1:20	2 OF 3	60005723	-



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DOOR HINGE INSTALL

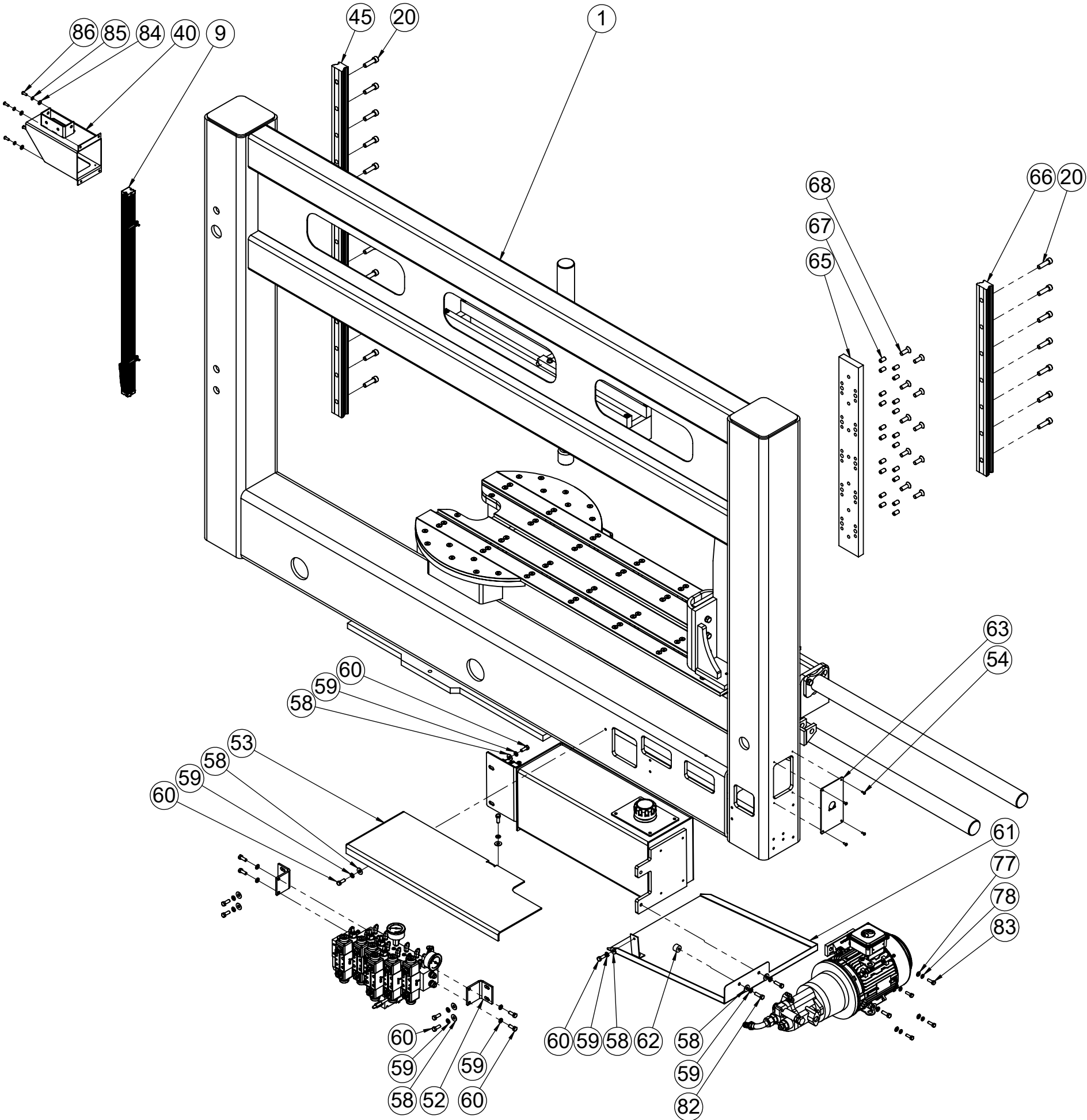
HYDMECH GROUP LIMITED

WOODSTOCK, ONTARIO, CANADA N4S 0A9

SCALE	SHEET	DRAWING NUMBER:	REV
1:24	3 OF 3	60005723	-

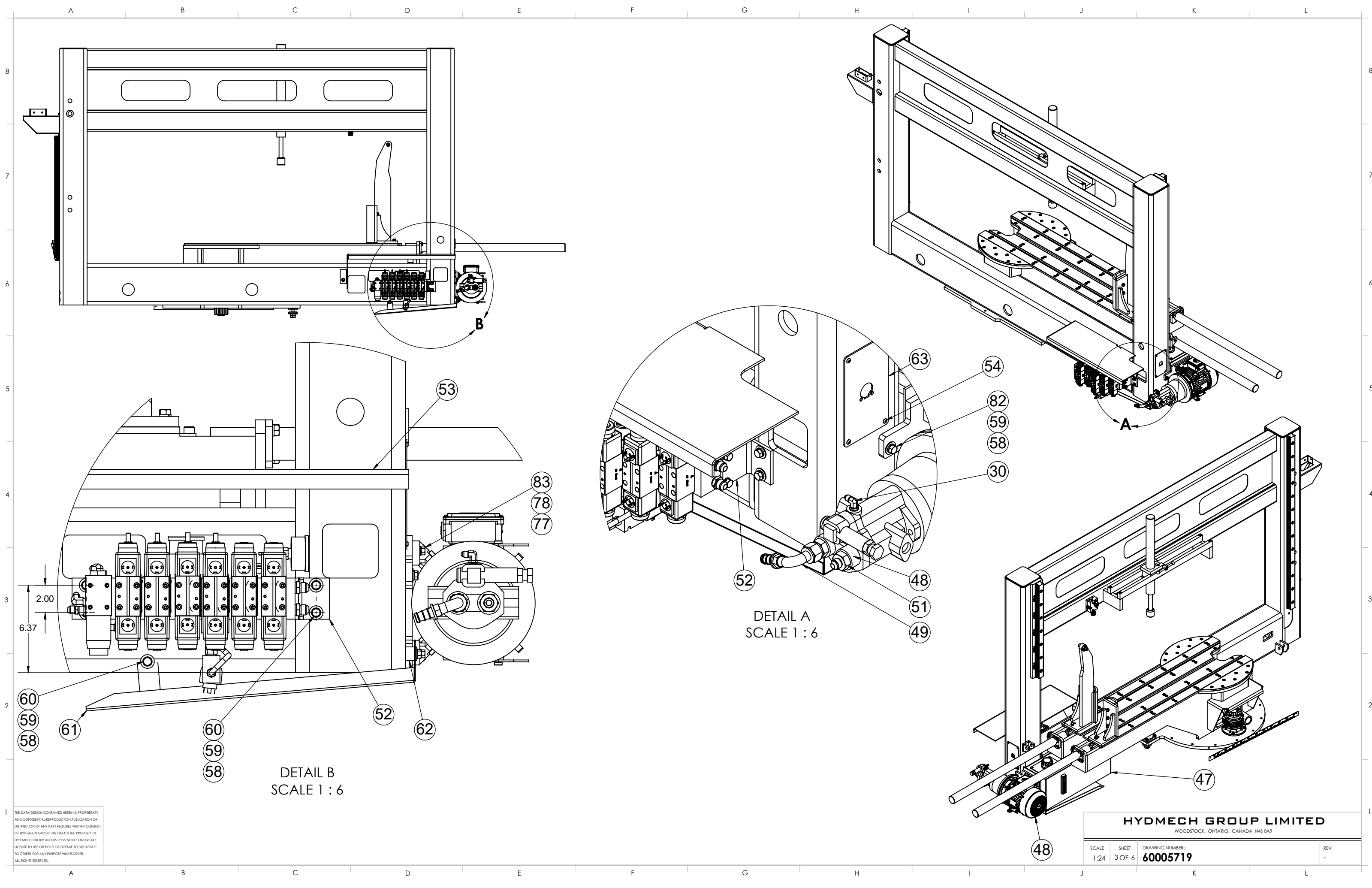
	A	B	C	D	E	F	G	H	I	J	K	L
	ITEM#	PART NUMBER	DESCRIPTION	QTY.	ITEM#	PART NUMBER	DESCRIPTION	QTY.				
	1	60005708	POST/TABLE WELDMENT	1	54	390025	BOLT, BUTTON HEAD, CAP, 10-24 X 0.50	8				
	2	DC3-51-03	WEARSTRIP	2	55	392945	NUT, JAM, 0.875-9	2				
8	3	DC3-51-05	WEARSTRIP	1	56	395292	BOLT, SOCKET HEAD, FLAT, 0.375-16 X 1.25	68				8
	4	DC3-51-06	WEARSTRIP	1	57	390170	BOLT, HEX HEAD, CAP, 0.50-13 X 1.25	10				
	5	M-DC1-514-00A	WELDMENT, OUTBOARD MOVABLE JAW	1	58	394715	WASHER, FLAT, SAE, 0.375	18				
	6	M-DC2-515-00B	WELDMENT, MOVABLE JAW, MACHINED	1	59	394770	WASHER, LOCK, 0.375	26				
	7	DC2-C3-00A	ASSEMBLY, VISE CYLINDER	2	60	390130	BOLT, HEX HEAD, CAP, 0.375-16 X 1.00	15				
	8	DC1-51-02	WEARSTRIP	2	61	P-DC3-1-05	COOLANT TRAY WELDMENT	1				
	9	022.1806	POTENTIOMETER, LINEAR TLH-0750	1	62	50001023	SPACER	1				
7	10	DC1-54-01	BUNDLING SUPPORT	2	63	DC1-5-09	PLATE, VALVES MOUNTING	1				7
	11	DC1-51-07	BRAKE CYL MTG BKT	1	64	V18-271-01A	BRAKE PAD	1				
	12	DC2-C8-00	ASSEMBLY, HEAD SWING BRAKE CYLINDER, DC2	1	65	H18SV-1-01	HEAD GUIDE BAR	1				
	13	DC1-51-08	COVER, BRAKE PAD	1	66	341751	RAIL, GUIDE LINEAR, 840 MM SIZE 55, N C	1				
	14	DC1-51-10	BRAKE TOP PLATE	1	67	394170	SCREW, SET, FLAT POINT, 0.50-13 X 1.00	20				
	15	DC1-58-00	SWING DRIVE ASSY	1	68	390565	BOLT, SOCKET HEAD, FLAT, 0.5-13 X 1.5	10				
	16	M16-2-16C	PLATE, CYLINDER MOUNTING	2	69	DC3-76-02	ENCODER BRACKET	1				
6	17	DC1-51-11	KEY	2	70	DC3-76-03	MOUNTING PLATE	1				6
	18	DC1-51-12	GIB	2	71	EN_3A	ENCODER SHAFT EXTENSION	1				
	19	DC1-9-01A	SCALE	1	72	342563	PULLEY XL BELT 24 TEETH .5" BORE NYLON	1				
	20	395259	BOLT, SOCKET HEAD, CAP, M14-2.0 X 50	20	73	022.1319	ENCODER LIKA	1				
	21	393770	ROLL PIN, 0.313 X 2.00	2	74	390848	BOLT, BUTTON HEAD, CAP, 8-32 X 0.50	1				
	22	393560	RING,RETAINING,EXTERNAL,2.375	2	75	394755	WASHER, LOCK, NO. 10	4				
	23	394775	WASHER, LOCK, 0.5	14	76	390860	BOLT, SOCKET HEAD, CAP, 10-24 X 0.75	4				
	24	390780	BOLT, SOCKET, CAP, 0.50-13X1.50	2	77	394720	WASHER, FLAT, 0.313	6				
5	25	390190	BOLT, HEX HEAD, CAP, 0.50-13 X 2.00	4	78	394765	WASHER, LOCK, 0.313	8				5
	26	390745	BOLT, SOCKET, CAP, 0.375-16 X 3.5	2	79	390075	BOLT, HEX HEAD, CAP, 0.313-18 X 0.75	2				
	27	395293	BOLT, SOCKET HEAD, CAP, 0.50-13 X 2.75	4	80	394735	WASHER, FLAT, 0.375	6				
	28	363235	VALVE, INLINE PRV WITH FREE BACK FLOW	1	81	390140	BOLT, HEX HEAD, CAP, 0.375-16 X 1.50 X 1.00	8				
	29	360705	FITTING, PIPE PLUG, SAE, 05 HP-6	1	82	390135	BOLT, HEX HEAD, CAP, 0.375-16 X 1.25	3				
	30	360465	FITTING HYDRAULIC STEEL 90 9/16NF-MJIC 2503-6-4	3	83	390080	BOLT, HEX HEAD, CAP, 0.313-18 X 1.00	4				
	31	360535	FITTING HYDRAULIC STEEL ELBOW ADAPTER	1	84	394710	WASHER, FLAT, 0.25	5				
4	32	390100	BOLT, HEX HEAD, CAP, 0.313-18 X 2.00	2	85	394760	WASHER, LOCK, 0.25	4				4
	33	DC1-51-16	PUSHER	1	86	390024	BOLT, BUTTON HEAD, CAP, 0.25-20 X 0.75	4				
	34	S25-555-00	WELDMENT,BUNDLING, CYLINDER CLAMP	1								
	35	M20-2G123-00	BUNDLING, CYLINDER CARRIER CLAMP BOLT	1								
	36	DC2-C23-00	ASSEMBLY, BUNDLING CYLINDER	1								
	37	DC1-51-17	INSERT	1								
	38	M-DC1-516-00	WELDMENT, ROUND VISE JAW	1								
	39	M-DC1-518-00	WELDMENT, REAR VISE JAW, MACHINED	1								
3	40	DC1-56-00	BOX ASSEMBLY	1								3
	41	395249	NUT, JAM, 1-14	1								
	42	340750	CAM FOLLOWER, 7/8IN	1								
	43	391175	FITTING, GREASE STRAIGHT, 0.125 NPT	1								
	44	DC2-514-01	ROLLER ADJUSTING ROD	1								
	45	341749	RAIL, GUIDE LINEAR, 1560 MM SIZE 55, N C	1								
	46	50000810	DC3 HYDRAULIC MANIFOLD ASSEMBLY	1								
	47	50000982	DCM HYDRAULIC TANK ASSEMBLY	1								
2	48	50000811	HYDRAULIC MOTOR PUMP ASSEMBLY	1								2
	49	33982-12-12	FITTING HYDRAULIC 90 SWIVEL FJIC-HOSE BARB 30682-12-12	1								
	50	360077	FITTING 3/4" MORB X 3/4" MJIC ADAPTER	1								
	51	360320	FITTING HYDRAULIC ADAPTER STRAIGHT 1FT 1/16NF-MJIC 0503-12-8	1								
	52	DC1-51-13	MANIFOLD MTG BKT	2								
	53	DC1-51-09C	MANIFOLD COVER	1								
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	A	B	C	D	E	F	G	H	I	J	K	L

REVISIONS				STANDARD HYDMECH TOLERANCES UNLESS OTHERWISE SPECIFIED	HYDMECH GROUP LIMITED WOODSTOCK, ONTARIO, CANADA N4S 0A9									
REV	ECN NUMBER	DATE	BY		TITLE POST/TABLE ASSEMBLY									
-	ECN-01237	08/01/2019	MO											
-	-	-	-											
				DIMENSIONS ARE IN INCHES	MATERIAL CODE: ASSEMBLY		MATL:		DRWN BY: MO DATE: Aug 02, 2019		CHKD BY: SJ DATE: 2019-11-12		SCALE 1:16	SHEET 1 OF 6
					MODEL:		COMPONENT GROUP:			PART WEIGHT: 3065.791 lbs		COATING: No Coating		
				THIRD ANGLE PROJECTION	DC3		500 - Vise and Bundling Assy			DRAWING NUMBER: 60005719		REV -		



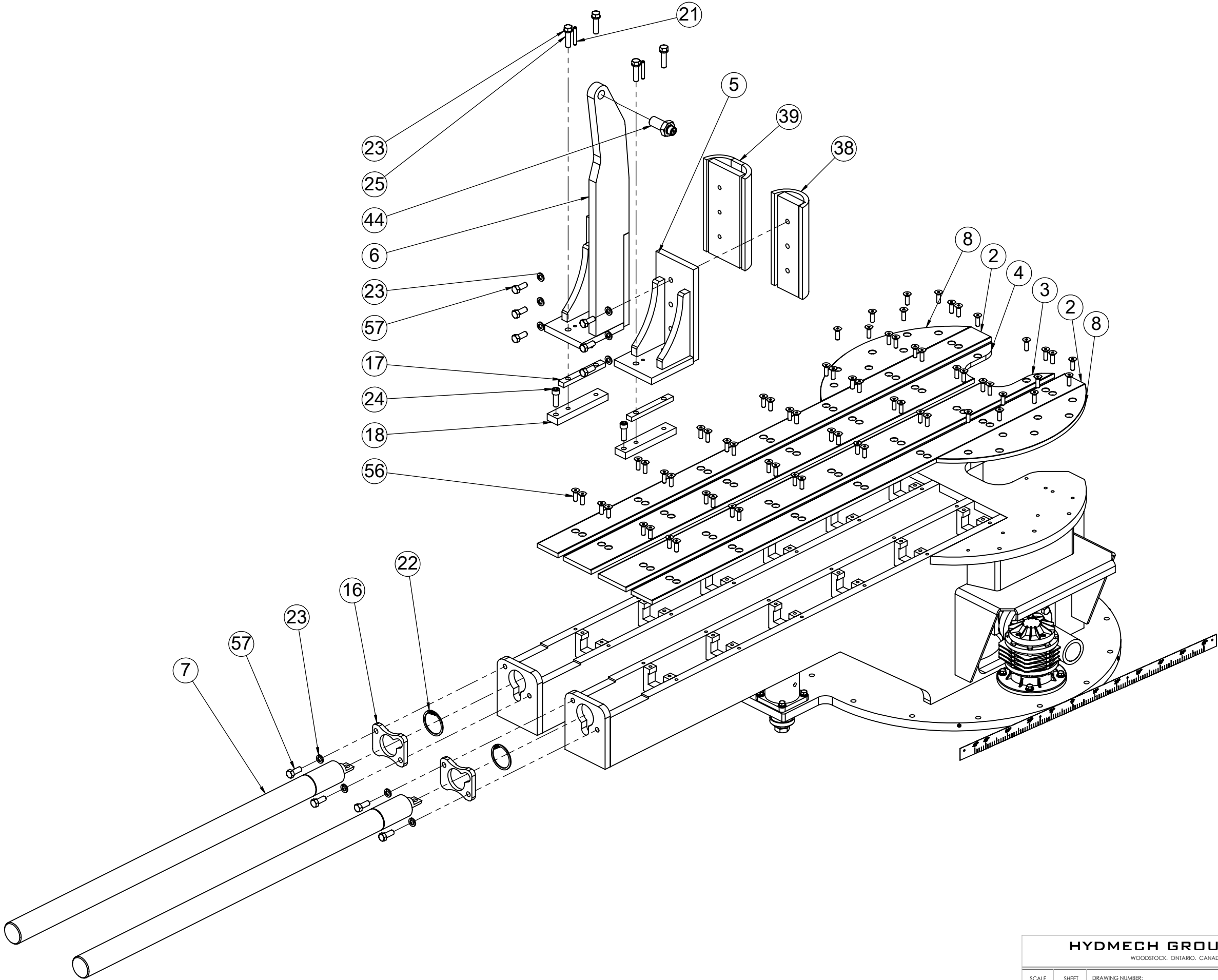
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HYDMECH GROUP LIMITED			
WOODSTOCK, ONTARIO, CANADA N4S 0A9			
SCALE	SHEET	DRAWING NUMBER:	REV
1:16	2 OF 6	60005719	-



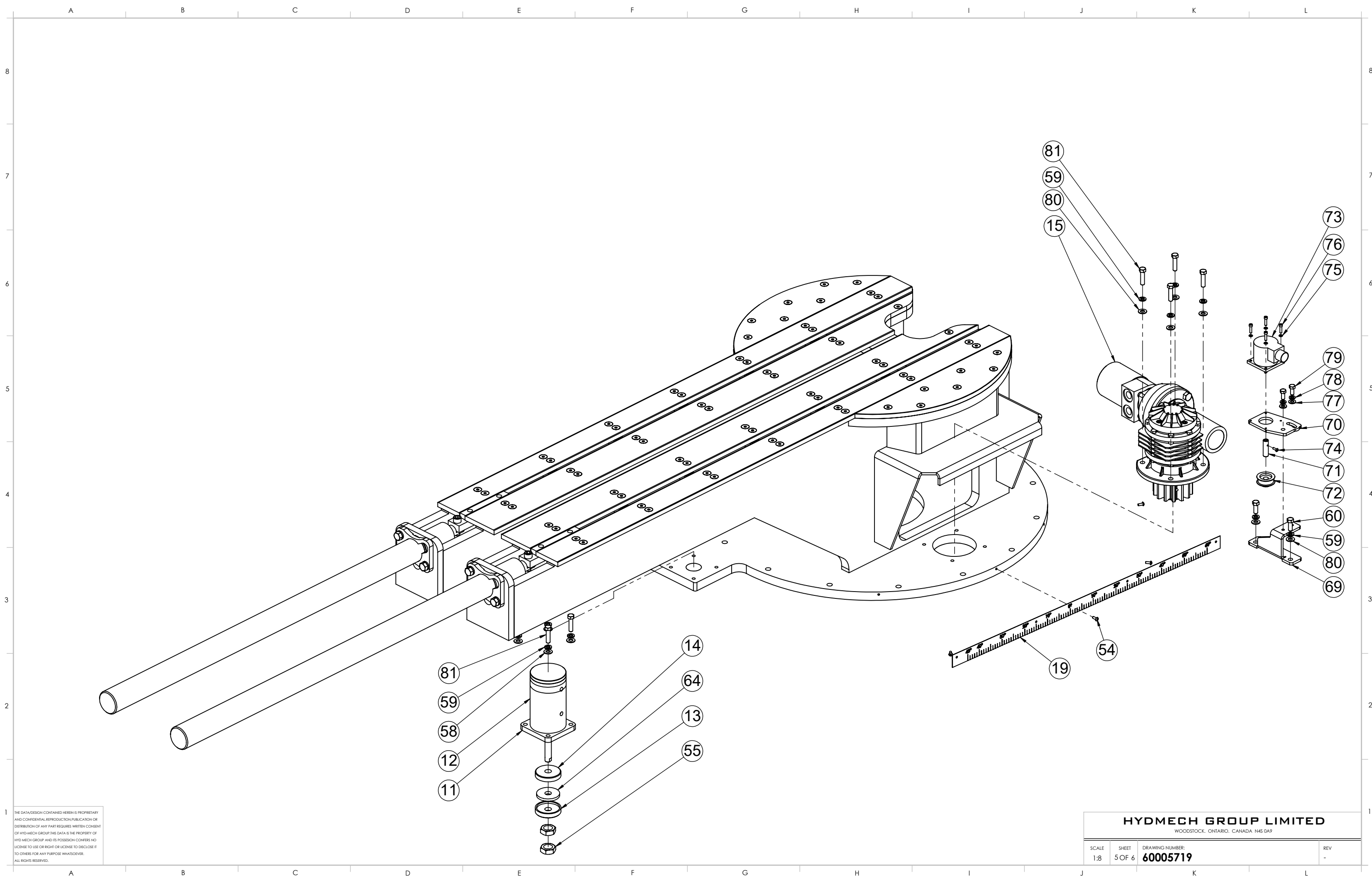
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HYDMECH GROUP LIMITED			
WOODSTOCK, ONTARIO, CANADA N4S 0A9			
SCALE	SHEET	DRAWING NUMBER:	REV
1:24	3 OF 6	60005719	-



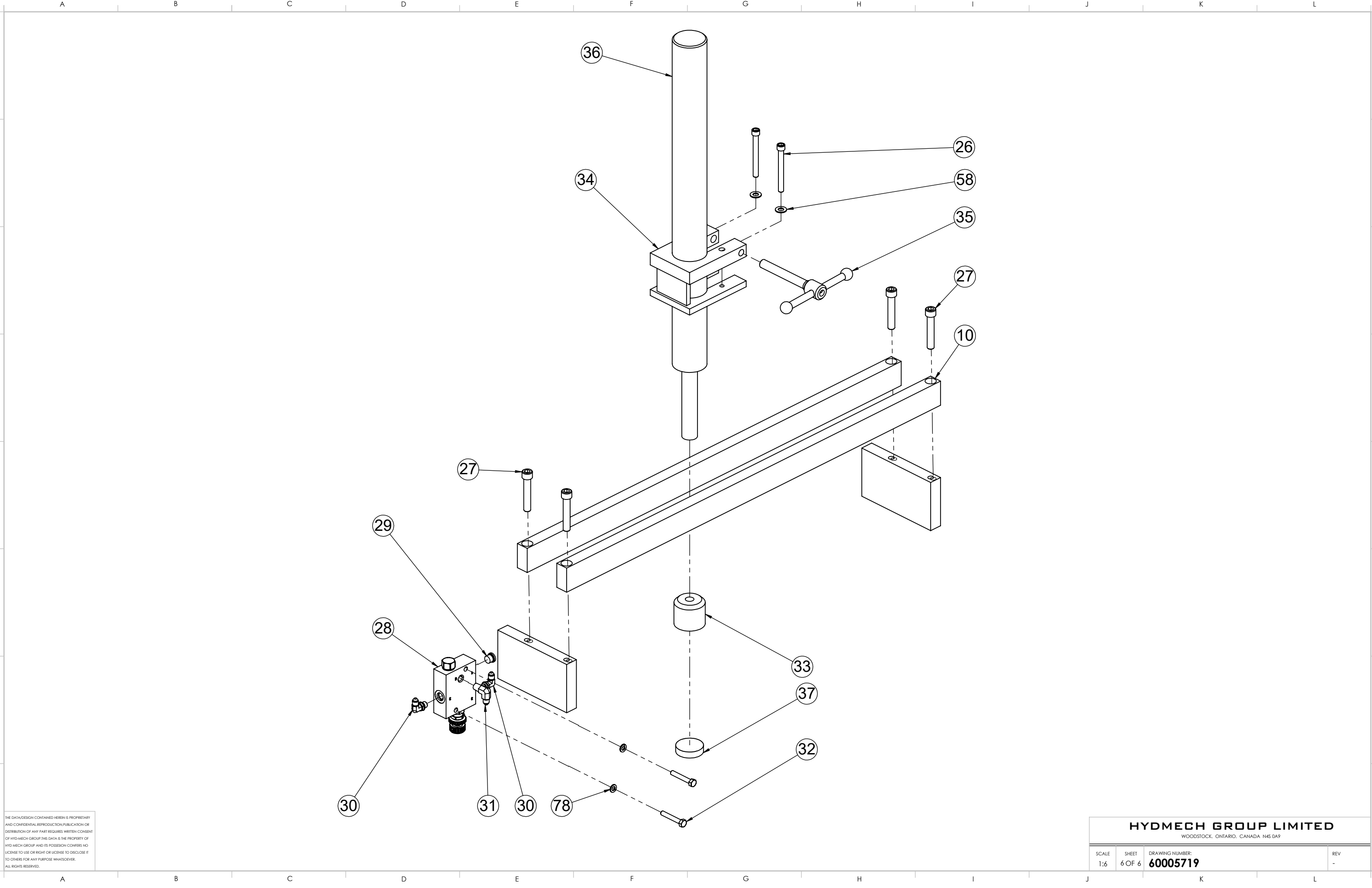
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HYDMECH GROUP LIMITED			
WOODSTOCK, ONTARIO, CANADA N4S 0A9			
SCALE	SHEET	DRAWING NUMBER:	REV
1:10	4 OF 6	60005719	-



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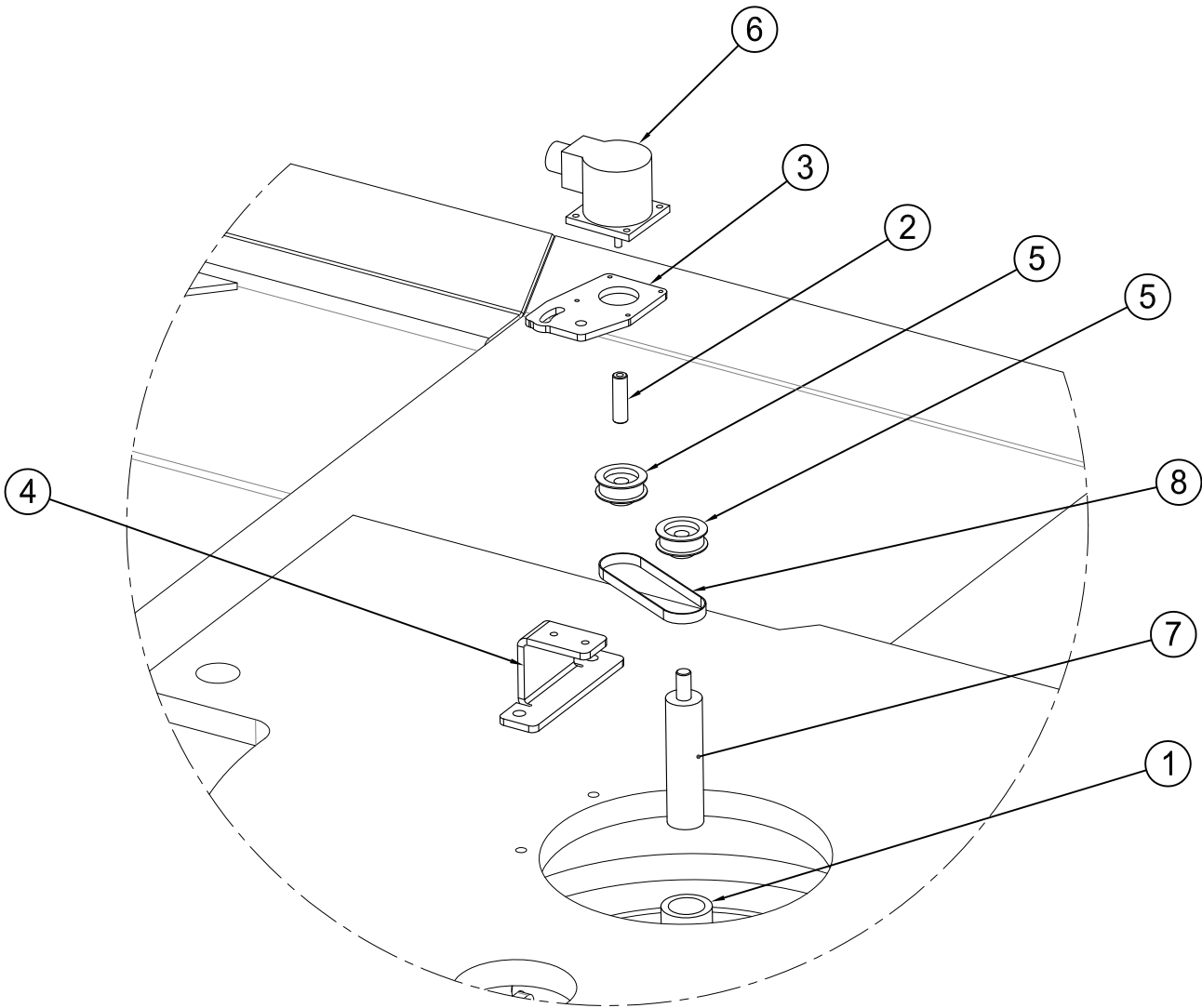
HYDMECH GROUP LIMITED			
WOODSTOCK, ONTARIO, CANADA N4S 0A9			
SCALE	SHEET	DRAWING NUMBER:	REV
1:8	5 OF 6	60005719	-



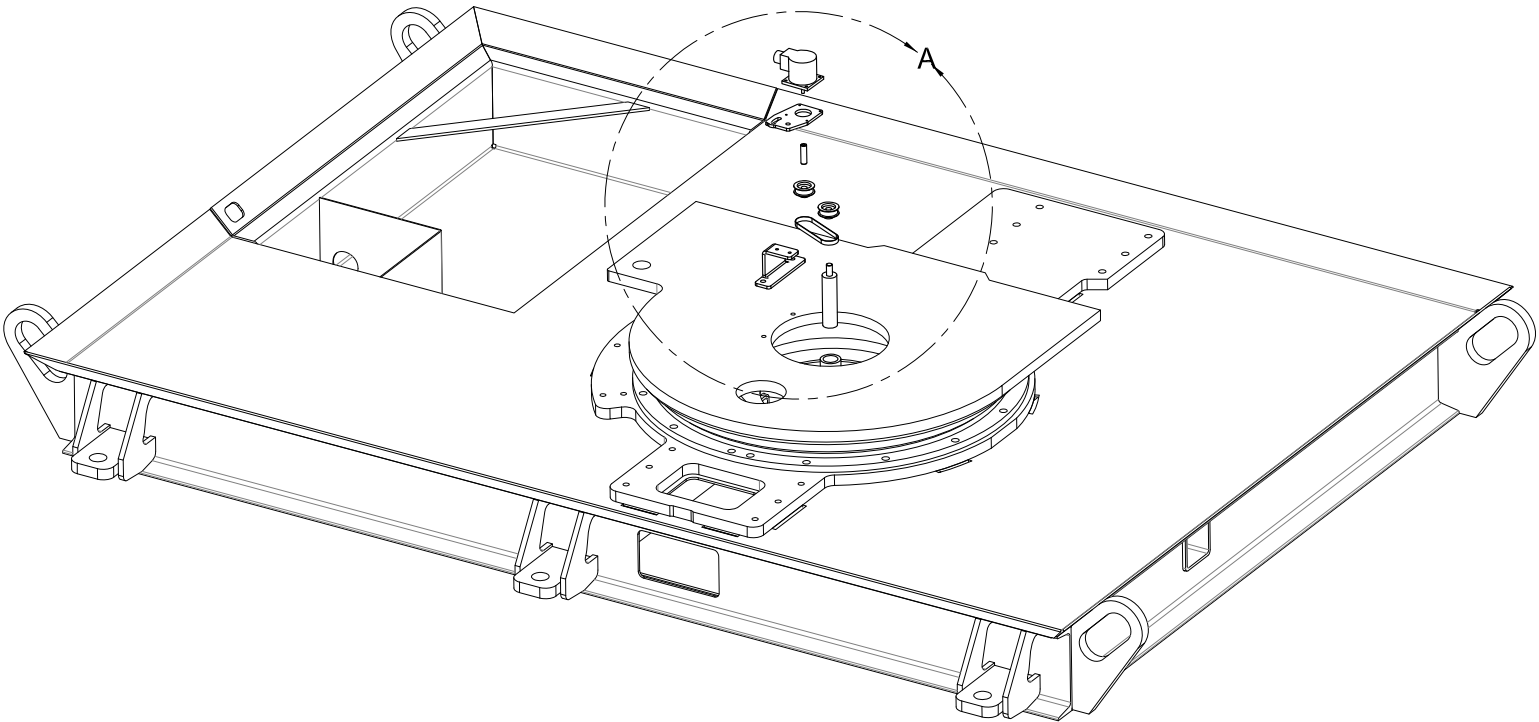
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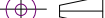
HYDMECH GROUP LIMITED			
WOODSTOCK, ONTARIO, CANADA N4S 0A9			
SCALE	SHEET	DRAWING NUMBER:	REV
1:6	6 OF 6	60005719	-

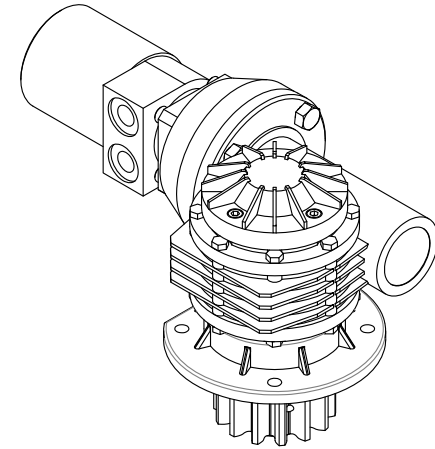
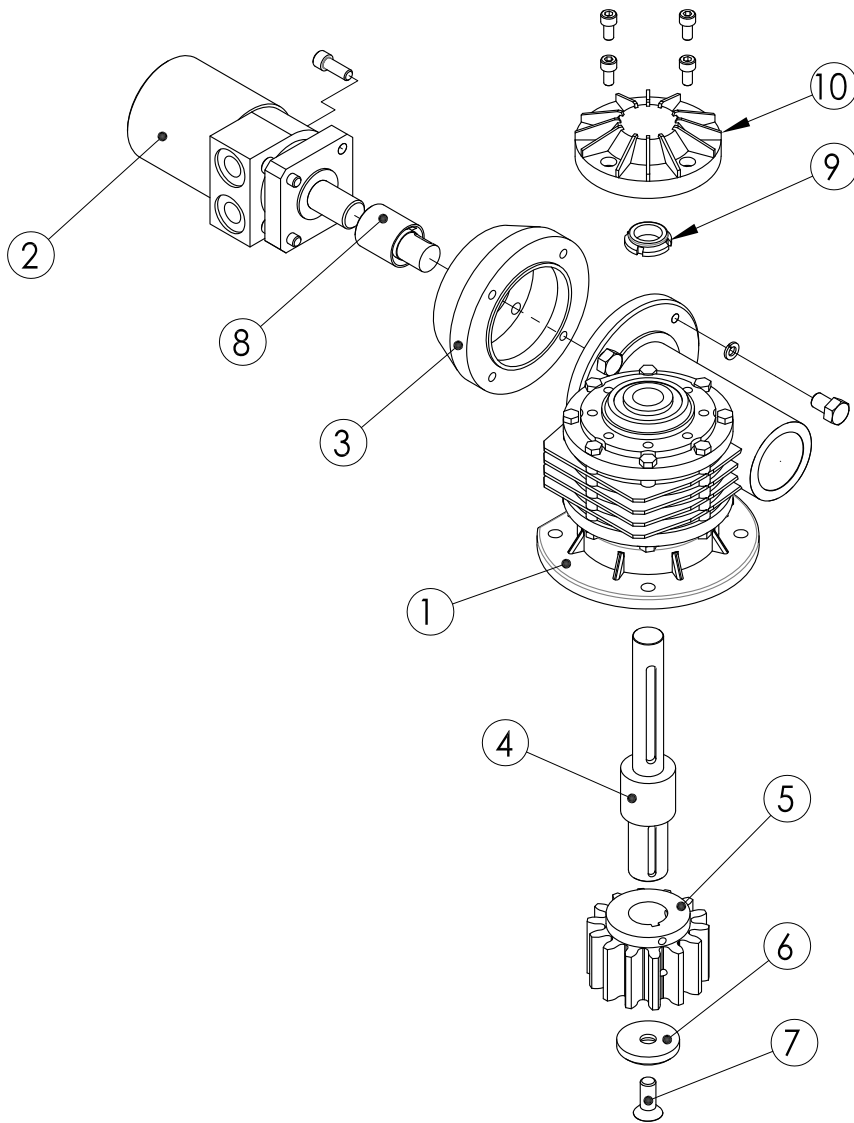
ITEM NO.	PART NUMBER	DESCRIPTION	DWG view/QTY.
1	DC3-752-00	ENCODER SHAFT MTG BKT	1
2	EN_3A	ENCODER SHAFT EXTENSION	1
3	DC3-76-03	MOUNTING PLATE	1
4	DC3-76-02	ENCODER BRACKET	1
5	342563	Pulley XL Belt 24 Teeth .5" Bore Nylon	2
6	022.1319	ENCODER LIKA	1
7	DC3-76-01A	SHAFT	1
8	819097	TIMING BELT 12" X 3/8"	1



DETAIL A
SCALE 1 : 6

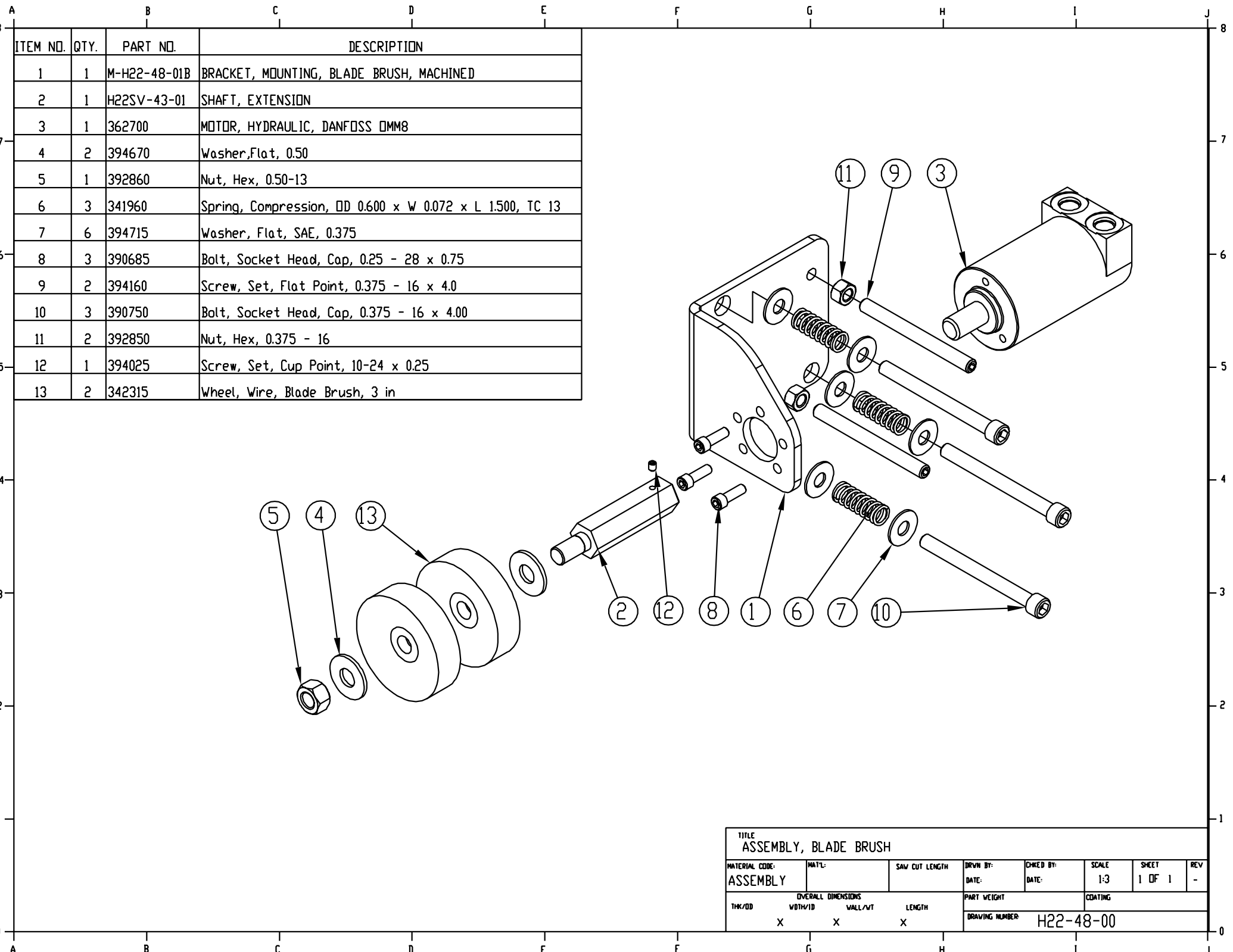


REVISIONS				STANDARD TOLERANCES UNLESS OTHERWISE SPECIFIED																			
REV	ECN NUMBER	DATE	BY	DIMENSIONS ARE IN INCHES		TITLE																	
-	-	-	-	LINEAR X +/- .015 IN .XX +/- .010 IN .XXX +/- .005 IN = 125 MICROINCHES	ANGULAR X.X +/- 0.5 DEG THIRD ANGLE PROJECTION 	MATERIAL CODE:		MATL:		SAW CUT LENGTH		DRWN BY: RvS DATE: 01/16/2014		CHKD BY: DATE:		SCALE 1:48		SHEET 1 OF 1		REV .			
-	-	-	-			THK/OD		OVERALL DIMENSIONS WIDTH/ID WALL/WT LENGTH				PART WEIGHT		COATING									
						DRAWING NUMBER: DC3-76-00A																	



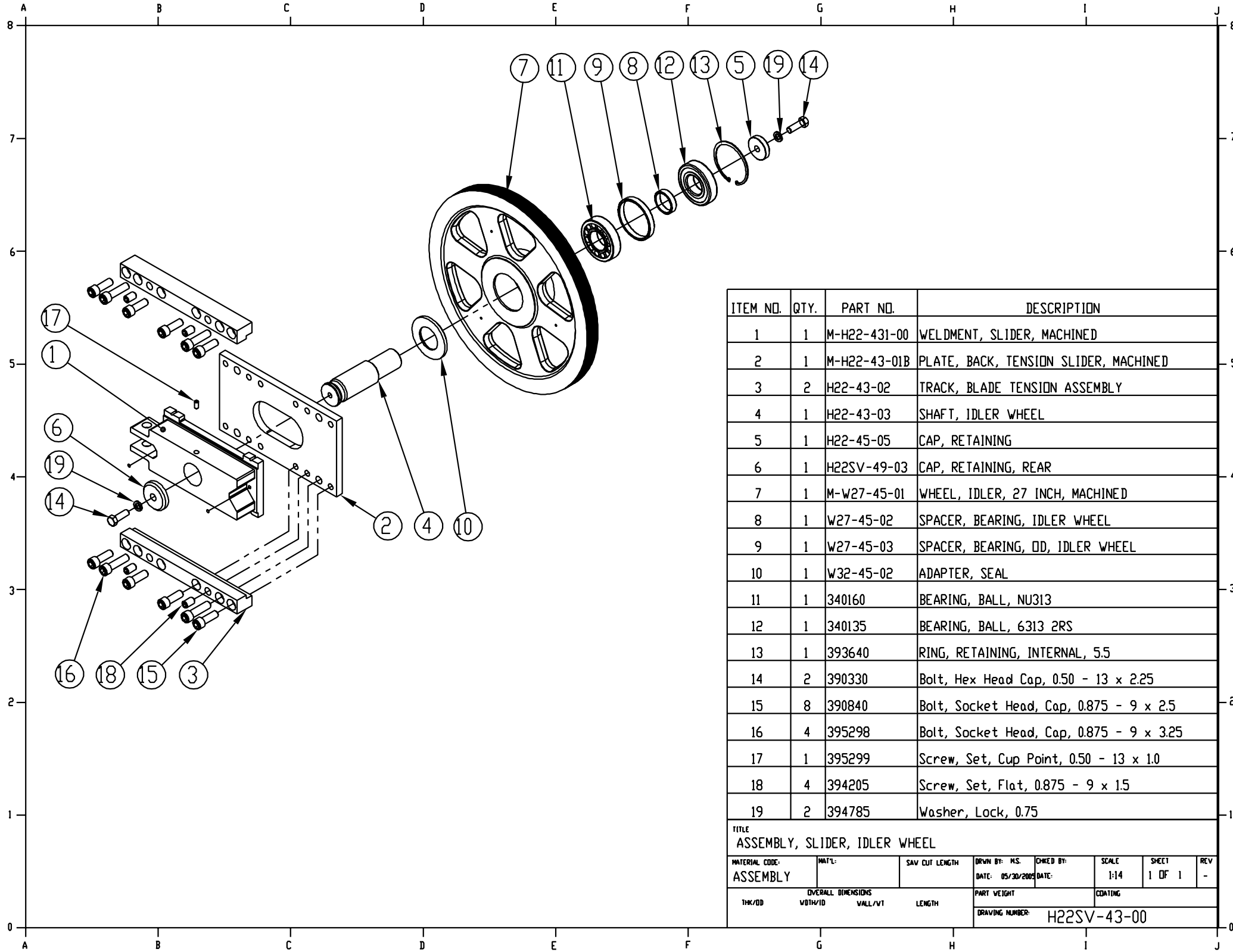
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	025.0121	GEARBOX	1
2	395410	HYDRAULIC MOTOR	1
3	DC1-58-02	MOTOR MTG HOUSING	1
4	DC1-58-01	SHAFT	1
5	DC1-58-04	PINION	1
6	DC1-58-03	WASHER	1
7	394175	SCREW, SET, FLAT, 0.5-13 X 1.5	1
8	DC1-581-00	SHAFT WLDT	1
9	010.0355	NUT, RING, SELF LOCKING, 25 - 1.5	1
10	034.0418	COVER, GEAR BOX	1
11	390715	Bolt, Socket Head, Cap, 0.375 - 16 x 1.0	4
12	394765	Washer, Lock, 0.3125	4
13	395546	HBOLT 0.5000-13x0.75x0.75-N	4
14	395115	Bolt, Socket Head, Cap, M8 - 1.25 x 16	4

REVISIONS				STANDARD TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE						
REV	ECN NUMBER	DATE	BY	DIMENSIONS ARE IN INCHES		SWING DRIVE ASSY						
				LINEAR X +/- .015 IN .XX +/- .010 IN .XXX +/- .005 IN = 125 MICROINCHES	ANGULAR X.X +/- 0.5 DEG THIRD ANGLE PROJECTION	MATERIAL CODE:		MATL:		SAW CUT LENGTH		DRWN BY: M.S.
						ASSEMBLY						CHKD BY:
						THK/OD		OVERALL DIMENSIONS		PART WEIGHT		DATE: 02/14/2006
						WDTH/ID		WALL/WT		LENGTH		COATING
						X		X		X		DRAWING NUMBER: DC1-58-00
												SHEET 1 OF 1
												REV .



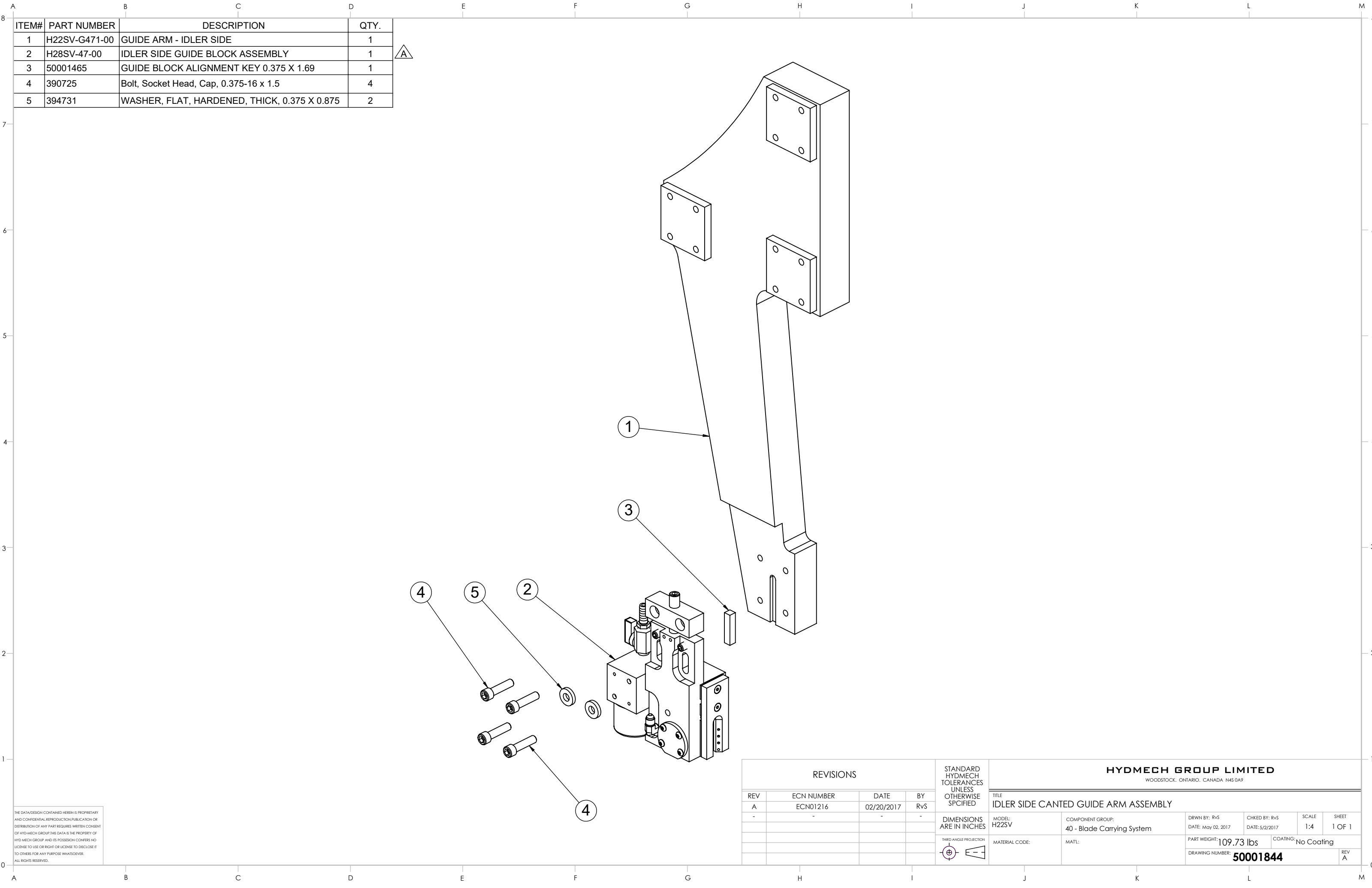
ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	M-H22-48-01B	BRACKET, MOUNTING, BLADE BRUSH, MACHINED
2	1	H22SV-43-01	SHAFT, EXTENSION
3	1	362700	MOTOR, HYDRAULIC, DANFOSS DMM8
4	2	394670	Washer, Flat, 0.50
5	1	392860	Nut, Hex, 0.50-13
6	3	341960	Spring, Compression, OD 0.600 x W 0.072 x L 1.500, TC 13
7	6	394715	Washer, Flat, SAE, 0.375
8	3	390685	Bolt, Socket Head, Cap, 0.25 - 28 x 0.75
9	2	394160	Screw, Set, Flat Point, 0.375 - 16 x 4.0
10	3	390750	Bolt, Socket Head, Cap, 0.375 - 16 x 4.00
11	2	392850	Nut, Hex, 0.375 - 16
12	1	394025	Screw, Set, Cup Point, 10-24 x 0.25
13	2	342315	Wheel, Wire, Blade Brush, 3 in

TITLE ASSEMBLY, BLADE BRUSH						
MATERIAL CODE: ASSEMBLY	MAT'L:	SAW CUT LENGTH	DRWN BY: DATE:	CHKD BY: DATE:	SCALE 1:3	SHEET 1 OF 1
OVERALL DIMENSIONS			PART WEIGHT		COATING	
THK/OD	WIDTH/ID	WALL/WT	LENGTH		DRAWING NUMBER: H22-48-00	
X	X	X				



ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	M-H22-431-00	WELDMENT, SLIDER, MACHINED
2	1	M-H22-43-01B	PLATE, BACK, TENSION SLIDER, MACHINED
3	2	H22-43-02	TRACK, BLADE TENSION ASSEMBLY
4	1	H22-43-03	SHAFT, IDLER WHEEL
5	1	H22-45-05	CAP, RETAINING
6	1	H22SV-49-03	CAP, RETAINING, REAR
7	1	M-W27-45-01	WHEEL, IDLER, 27 INCH, MACHINED
8	1	W27-45-02	SPACER, BEARING, IDLER WHEEL
9	1	W27-45-03	SPACER, BEARING, OD, IDLER WHEEL
10	1	W32-45-02	ADAPTER, SEAL
11	1	340160	BEARING, BALL, NU313
12	1	340135	BEARING, BALL, 6313 2RS
13	1	393640	RING, RETAINING, INTERNAL, 5.5
14	2	390330	Bolt, Hex Head Cap, 0.50 - 13 x 2.25
15	8	390840	Bolt, Socket Head, Cap, 0.875 - 9 x 2.5
16	4	395298	Bolt, Socket Head, Cap, 0.875 - 9 x 3.25
17	1	395299	Screw, Set, Cup Point, 0.50 - 13 x 1.0
18	4	394205	Screw, Set, Flat, 0.875 - 9 x 1.5
19	2	394785	Washer, Lock, 0.75

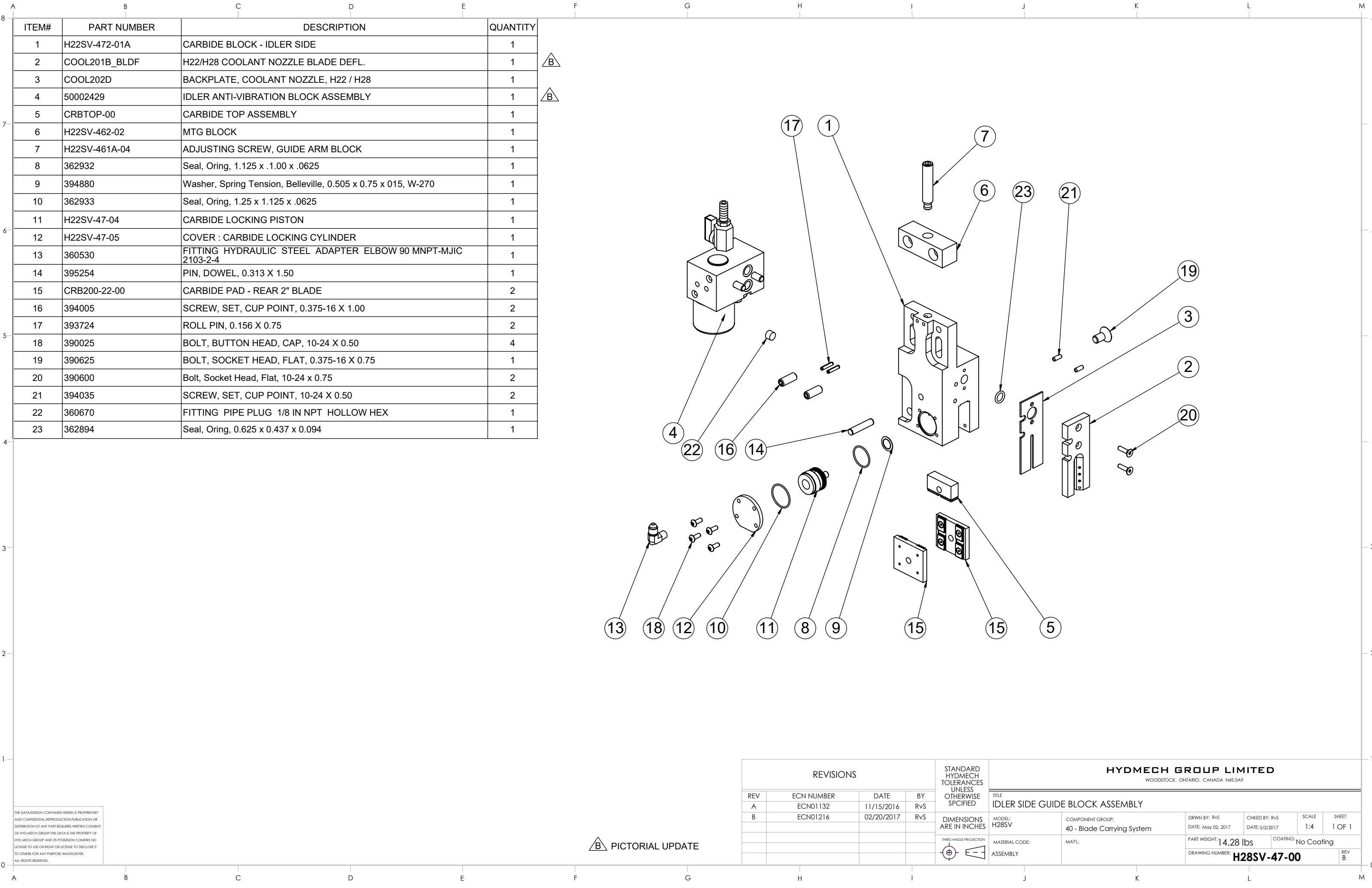
TITLE ASSEMBLY, SLIDER, IDLER WHEEL						
MATERIAL CODE: ASSEMBLY	MAT'L:	SAW CUT LENGTH	DRWN BY: MS. DATE: 05/30/2005	CHK'D BY: DATE:	SCALE 1:14	SHEET 1 OF 1
THK/OD	OVERALL DIMENSIONS WIDTH/ID	WALL/WT	LENGTH	PART WEIGHT	COATING	REV -
DRAWING NUMBER:				H22SV-43-00		



ITEM#	PART NUMBER	DESCRIPTION	QTY.
1	H22SV-G471-00	GUIDE ARM - IDLER SIDE	1
2	H28SV-47-00	IDLER SIDE GUIDE BLOCK ASSEMBLY	1
3	50001465	GUIDE BLOCK ALIGNMENT KEY 0.375 X 1.69	1
4	390725	Bolt, Socket Head, Cap, 0.375-16 x 1.5	4
5	394731	WASHER, FLAT, HARDENED, THICK, 0.375 X 0.875	2

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REVISIONS				STANDARD HYDMECH TOLERANCES UNLESS OTHERWISE SPECIFIED	HYDMECH GROUP LIMITED WOODSTOCK, ONTARIO, CANADA N4S 0A9						
REV	ECN NUMBER	DATE	BY	TITLE							
A	ECN01216	02/20/2017	RvS	IDLER SIDE CANTED GUIDE ARM ASSEMBLY							
-	-	-	-	DIMENSIONS ARE IN INCHES		MODEL: H22SV	COMPONENT GROUP: 40 - Blade Carrying System	DRWN BY: RvS DATE: May 02, 2017	CHKD BY: RvS DATE: 5/2/2017	SCALE 1:4	SHEET 1 OF 1
				THIRD ANGLE PROJECTION		MATERIAL CODE:	MAT'L:	PART WEIGHT: 109.73 lbs	COATING: No Coating		
								DRAWING NUMBER: 50001844		REV A	

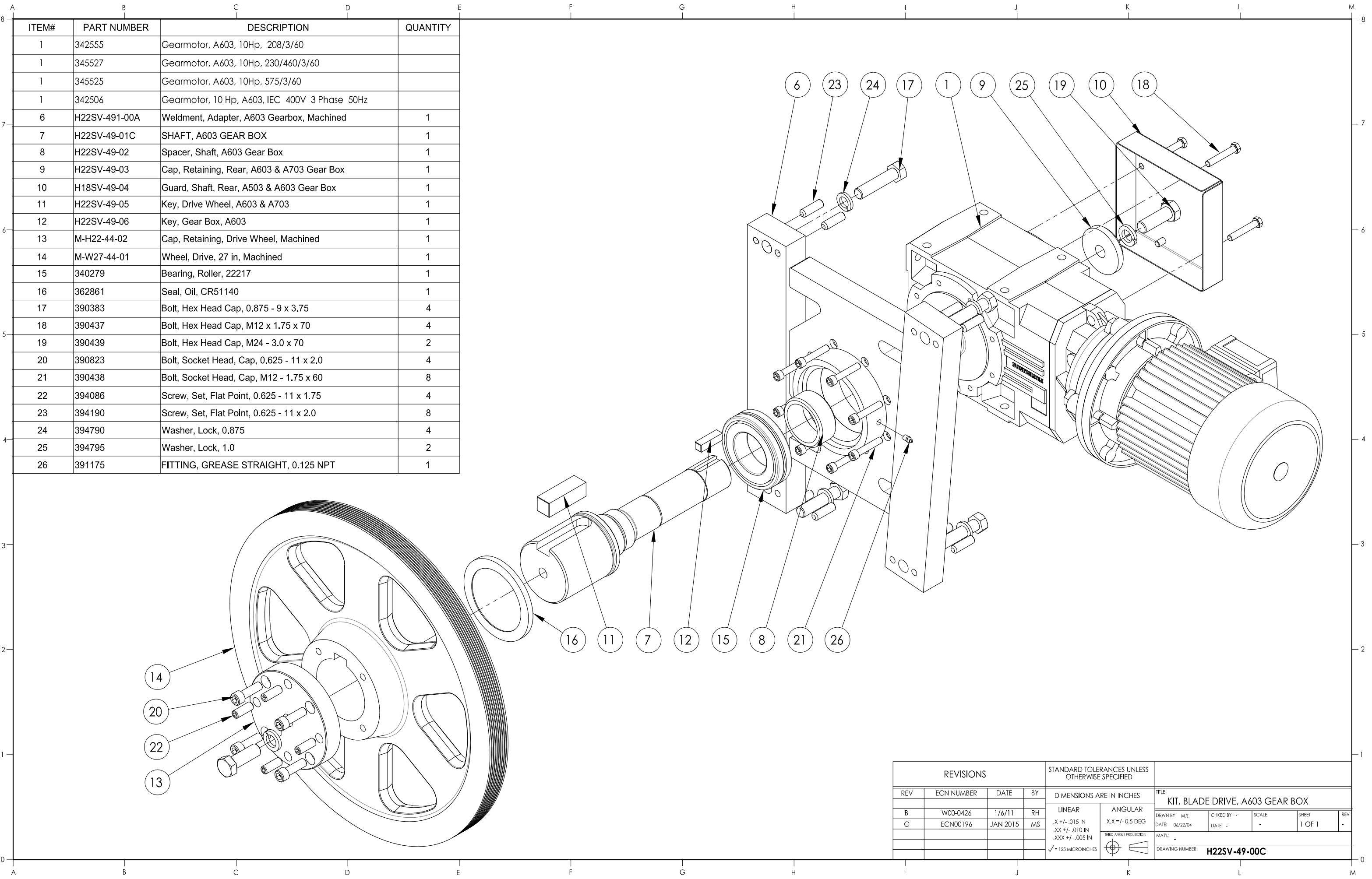


ITEM#	PART NUMBER	DESCRIPTION	QUANTITY
1	H22SV-472-01A	CARBIDE BLOCK - IDLER SIDE	1
2	COOL201B_BLDF	H22/H28 COOLANT NOZZLE BLADE DEFL.	1
3	COOL202D	BACKPLATE, COOLANT NOZZLE, H22 / H28	1
4	50002429	IDLER ANTI-VIBRATION BLOCK ASSEMBLY	1
5	CRBTOP-00	CARBIDE TOP ASSEMBLY	1
6	H22SV-462-02	MTG BLOCK	1
7	H22SV-461A-04	ADJUSTING SCREW, GUIDE ARM BLOCK	1
8	362932	Seal, Oring, 1.125 x .100 x .0625	1
9	394880	Washer, Spring Tension, Belleville, 0.505 x 0.75 x 015, W-270	1
10	362933	Seal, Oring, 1.25 x 1.125 x .0625	1
11	H22SV-47-04	CARBIDE LOCKING PISTON	1
12	H22SV-47-05	COVER : CARBIDE LOCKING CYLINDER	1
13	360530	FITTING HYDRAULIC STEEL ADAPTER ELBOW 90 MNPT-MJIC 2103-2-4	1
14	395254	PIN, DOWEL, 0.313 X 1.50	1
15	CRB200-22-00	CARBIDE PAD - REAR 2" BLADE	2
16	394005	SCREW, SET, CUP POINT, 0.375-16 X 1.00	2
17	393724	ROLL PIN, 0.156 X 0.75	2
18	390025	BOLT, BUTTON HEAD, CAP, 10-24 X 0.50	4
19	390625	BOLT, SOCKET HEAD, FLAT, 0.375-16 X 0.75	1
20	390600	Bolt, Socket Head, Flat, 10-24 x 0.75	2
21	394035	SCREW, SET, CUP POINT, 10-24 X 0.50	2
22	360670	FITTING PIPE PLUG 1/8 IN NPT HOLLOW HEX	1
23	362894	Seal, Oring, 0.625 x 0.437 x 0.094	1

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PICTORIAL UPDATE

REVISIONS				STANDARD HYDMECH TOLERANCES UNLESS OTHERWISE SPECIFIED	HYDMECH GROUP LIMITED WOODSTOCK, ONTARIO, CANADA N4S 0A9					
REV	ECN NUMBER	DATE	BY		TITLE IDLER SIDE GUIDE BLOCK ASSEMBLY					
A	ECN01132	11/15/2016	RvS		MODEL: H28SV					
B	ECN01216	02/20/2017	RvS		COMPONENT GROUP: 40 - Blade Carrying System					
				DIMENSIONS ARE IN INCHES	MATERIAL CODE: ASSEMBLY		MATERIAL: MATL:		PART WEIGHT: 14.28 lbs	
				THIRD ANGLE PROJECTION			COATING: No Coating		DRAWING NUMBER: H28SV-47-00	
									REV B	



ITEM#	PART NUMBER	DESCRIPTION	QUANTITY
1	342555	Gearmotor, A603, 10Hp, 208/3/60	
1	345527	Gearmotor, A603, 10Hp, 230/460/3/60	
1	345525	Gearmotor, A603, 10Hp, 575/3/60	
1	342506	Gearmotor, 10 Hp, A603, IEC 400V 3 Phase 50Hz	
6	H22SV-491-00A	Weldment, Adapter, A603 Gearbox, Machined	1
7	H22SV-49-01C	SHAFT, A603 GEAR BOX	1
8	H22SV-49-02	Spacer, Shaft, A603 Gear Box	1
9	H22SV-49-03	Cap, Retaining, Rear, A603 & A703 Gear Box	1
10	H18SV-49-04	Guard, Shaft, Rear, A503 & A603 Gear Box	1
11	H22SV-49-05	Key, Drive Wheel, A603 & A703	1
12	H22SV-49-06	Key, Gear Box, A603	1
13	M-H22-44-02	Cap, Retaining, Drive Wheel, Machined	1
14	M-W27-44-01	Wheel, Drive, 27 in, Machined	1
15	340279	Bearing, Roller, 22217	1
16	362861	Seal, Oil, CR51140	1
17	390383	Bolt, Hex Head Cap, 0.875 - 9 x 3.75	4
18	390437	Bolt, Hex Head Cap, M12 x 1.75 x 70	4
19	390439	Bolt, Hex Head Cap, M24 - 3.0 x 70	2
20	390823	Bolt, Socket Head, Cap, 0.625 - 11 x 2.0	4
21	390438	Bolt, Socket Head, Cap, M12 - 1.75 x 60	8
22	394086	Screw, Set, Flat Point, 0.625 - 11 x 1.75	4
23	394190	Screw, Set, Flat Point, 0.625 - 11 x 2.0	8
24	394790	Washer, Lock, 0.875	4
25	394795	Washer, Lock, 1.0	2
26	391175	FITTING, GREASE STRAIGHT, 0.125 NPT	1

REVISIONS				STANDARD TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE					
REV	ECN NUMBER	DATE	BY	DIMENSIONS ARE IN INCHES		KIT, BLADE DRIVE, A603 GEAR BOX					
B	W00-0426	1/6/11	RH	LINEAR .X +/- .015 IN .XX +/- .010 IN .XXX +/- .005 IN	ANGULAR X.X +/- 0.5 DEG	DRWN BY M.S.		CHKD BY -	SCALE	SHEET	REV
C	ECN00196	JAN 2015	MS			DATE: 06/22/04		DATE: -	-	1 OF 1	-
				✓ = 125 MICRONS	THIRD ANGLE PROJECTION 	MATL: -					
						DRAWING NUMBER: H22SV-49-00C					