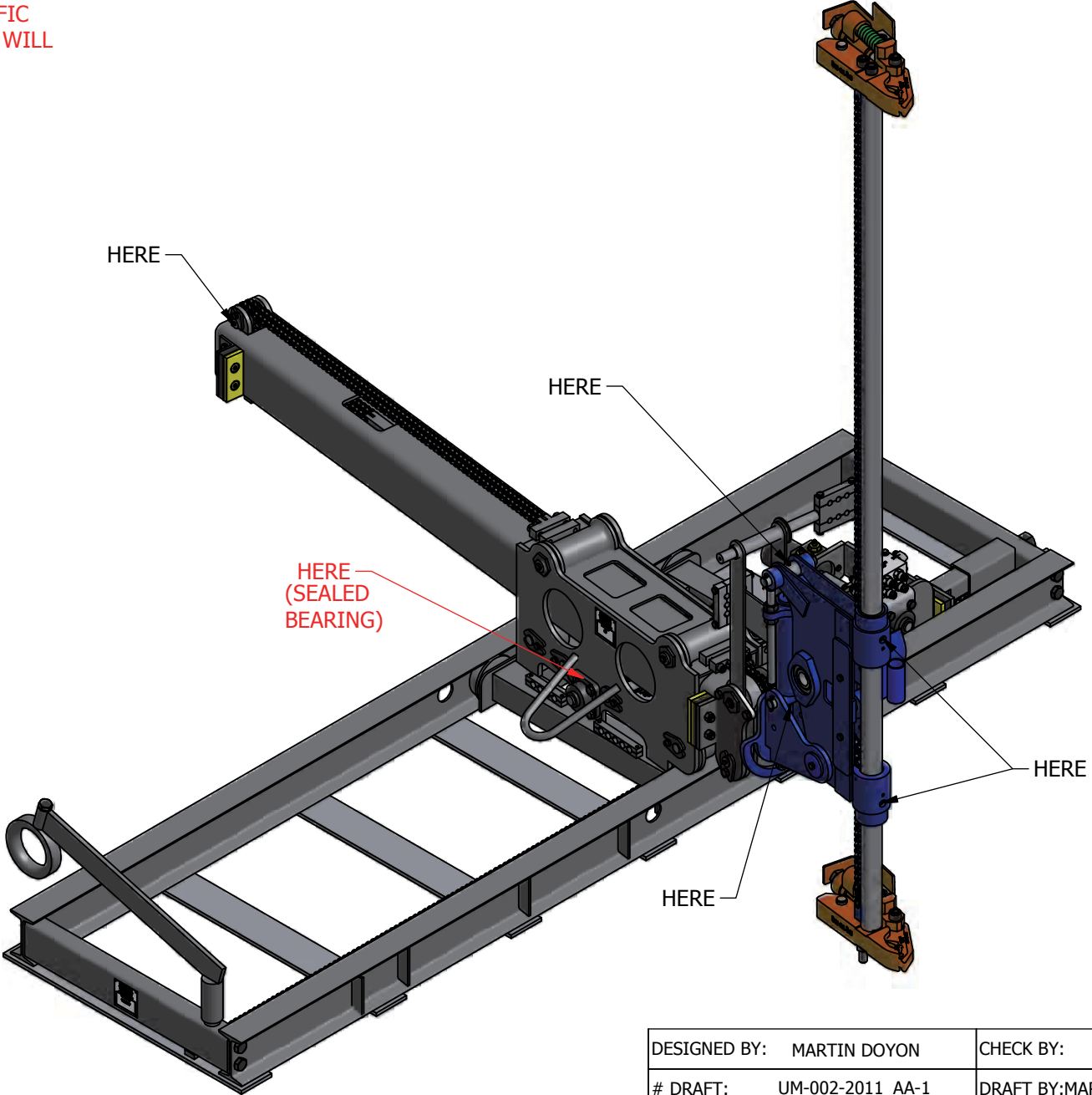
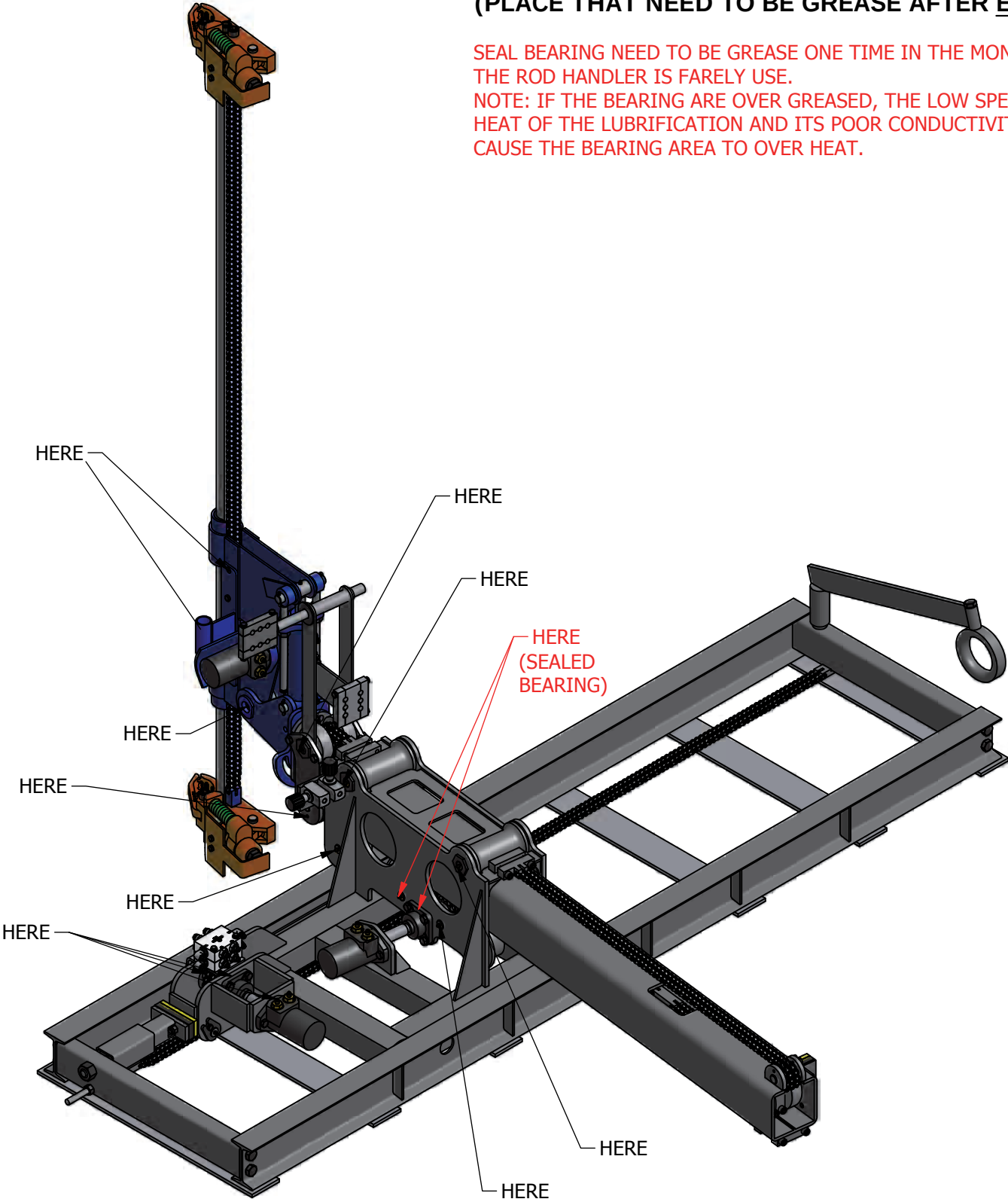
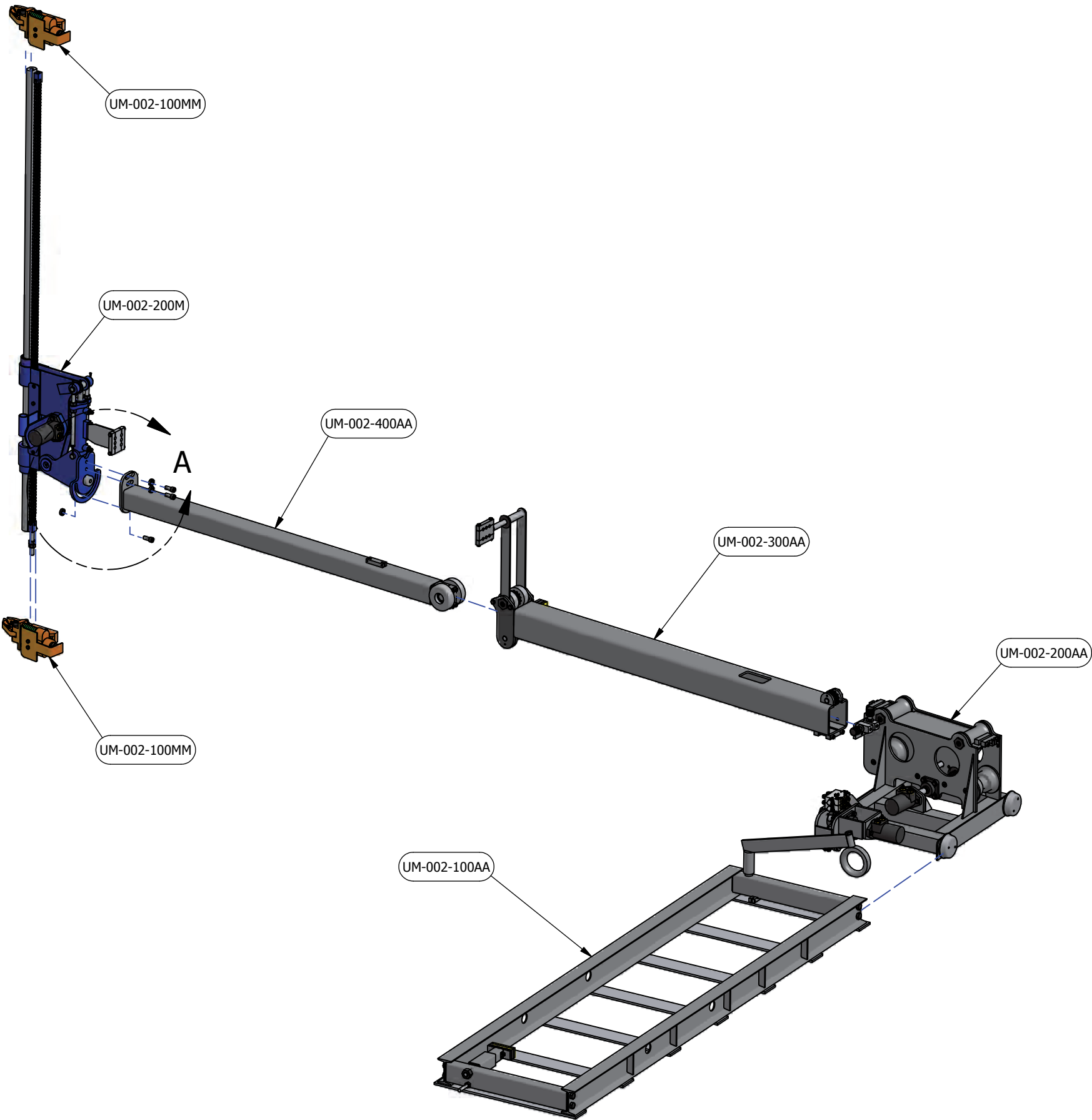


MAINTENANCE:
(PLACE THAT NEED TO BE GREASE AFTER EACH UTILISATIONS)

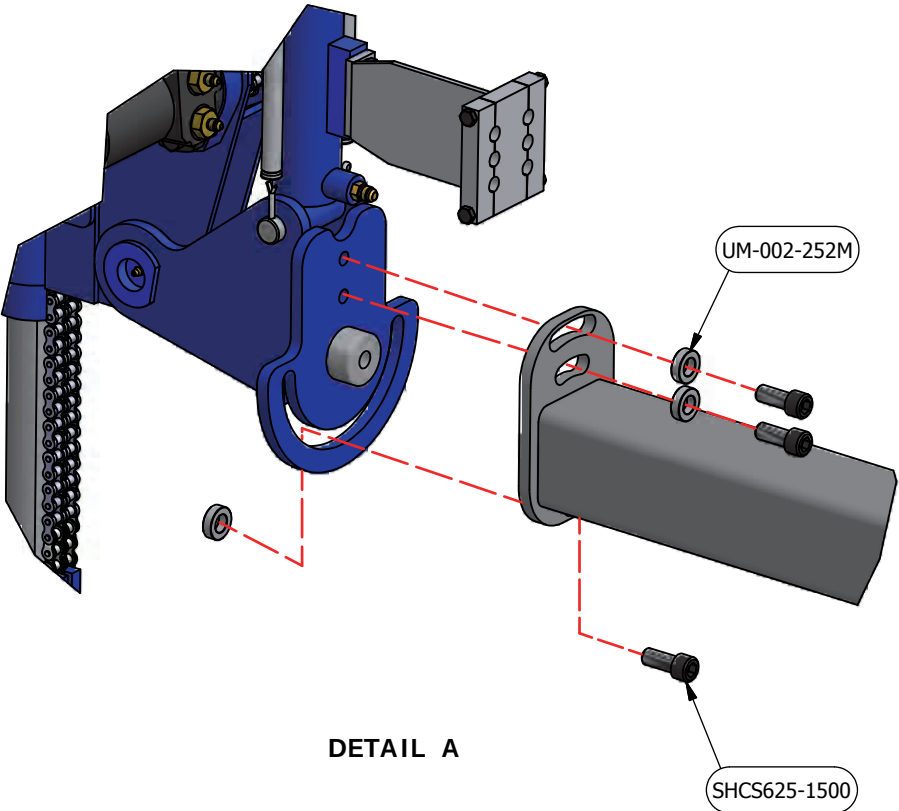
SEAL BEARING NEED TO BE GREASE ONE TIME IN THE MONTH IF THE ROD HANDLER IS FAIRELY USE.
NOTE: IF THE BEARING ARE OVER GREASED, THE LOW SPECIFIC HEAT OF THE LUBRIFICATION AND ITS POOR CONDUCTIVITY WILL CAUSE THE BEARING AREA TO OVER HEAT.



DESIGNED BY:	MARTIN DOYON	CHECK BY:	M. DOYON
# DRAFT:	UM-002-2011_AA-1	DRAFT BY:	MARIE S. GIGNAC
# PROJECT:	UM-002	REV.	1
SCALE:	N.T.S.	DATE:	
TITLE			
GREASE POSITION			
 180 Des distributeurs Val d'Or, Québec Canada J9P 6Y1 Tél : (819) 824-3977 Fax : (819) 824-1077 Email : info@umrc.ca Web : www.umrc.ca			
PAGE: 7.0.1			



LISTE DE PIÈCE		
ITEM	NOM/NAME	QTE
UM-002-200AA	CARRIAGE 200AA	1
UM-002-300AA	SECONDARY MAST	1
UM-002-100AA	BASE	1
UM-002-200MM	WRIST HEAD	1
UM-002-400AA	HEAD MAST	1
UM-002-100MM	GRIP	2
UM-002-252M	SPECIAL WASHER	3
NC750	NUT 3/4 - 10 NC	2

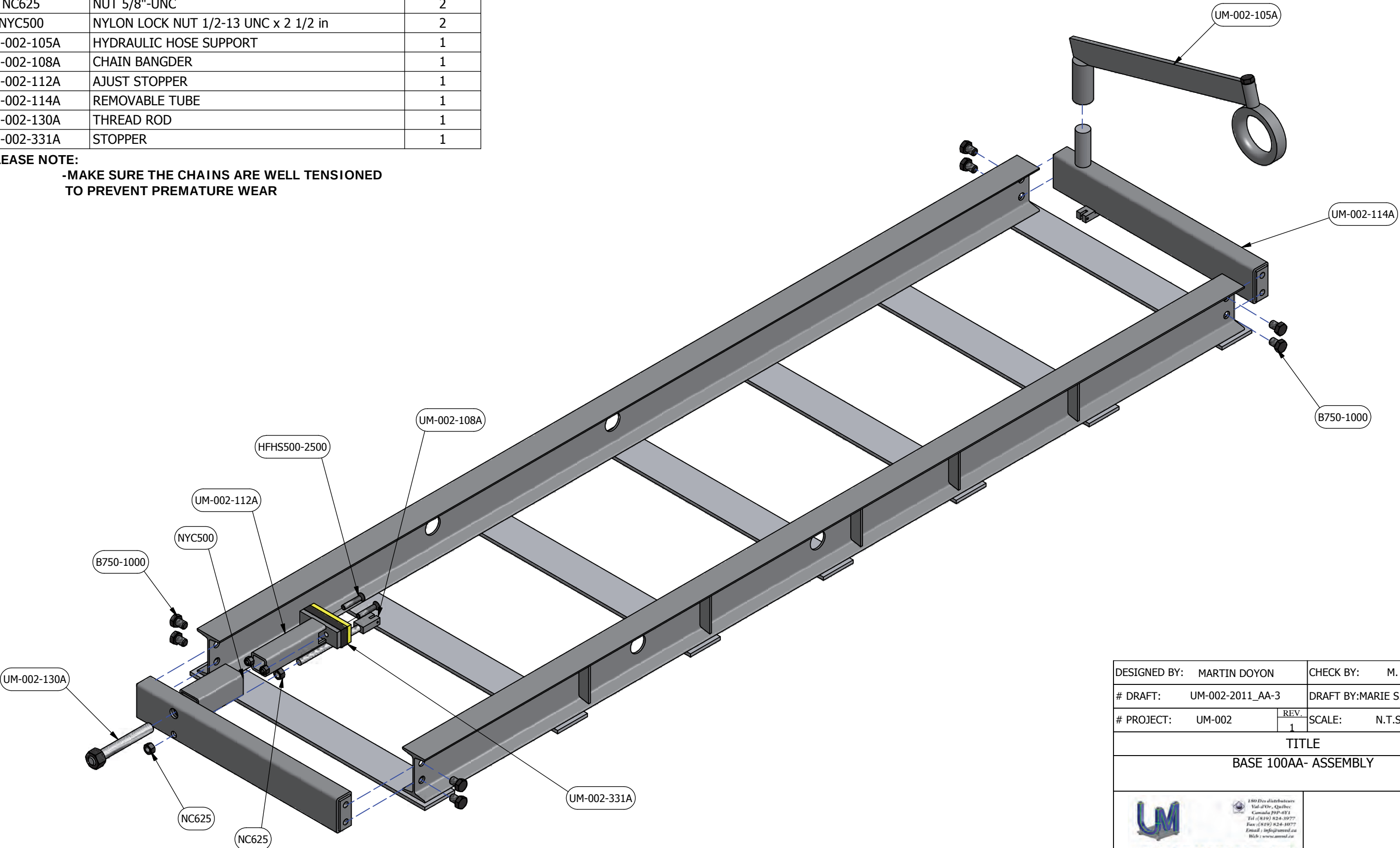


DETAIL A

DESIGNED BY: MARTIN DOYON	CHECK BY: M. DOYON
# DRAFT: UM-002-2011_AA-2	DRAFT BY: MARIE S. GIGNAC
# PROJECT: UM-002	REV. 1
SCALE: N.T.S.	DATE:
TITLE	
ROD HANDLER ASSEMBLY	
 180 Des distributeurs Val d'Or, Québec Canada J9P 6Y1 Tél : (819) 824-3977 Fax : (819) 824-1077 Email : info@umrc.ca Web : www.umrc.ca	
PAGE: 7.0.2	

LISTE DE PIÈCE		
ITEM	NOM/NAME	QTE
B750-1000	BOLT 3/4-UNC x 1	8
NC625	NUT 5/8"-UNC	2
NYC500	NYLON LOCK NUT 1/2-13 UNC x 2 1/2 in	2
UM-002-105A	HYDRAULIC HOSE SUPPORT	1
UM-002-108A	CHAIN BANGDER	1
UM-002-112A	AJUST STOPPER	1
UM-002-114A	REMOVABLE TUBE	1
UM-002-130A	THREAD ROD	1
UM-002-331A	STOPPER	1

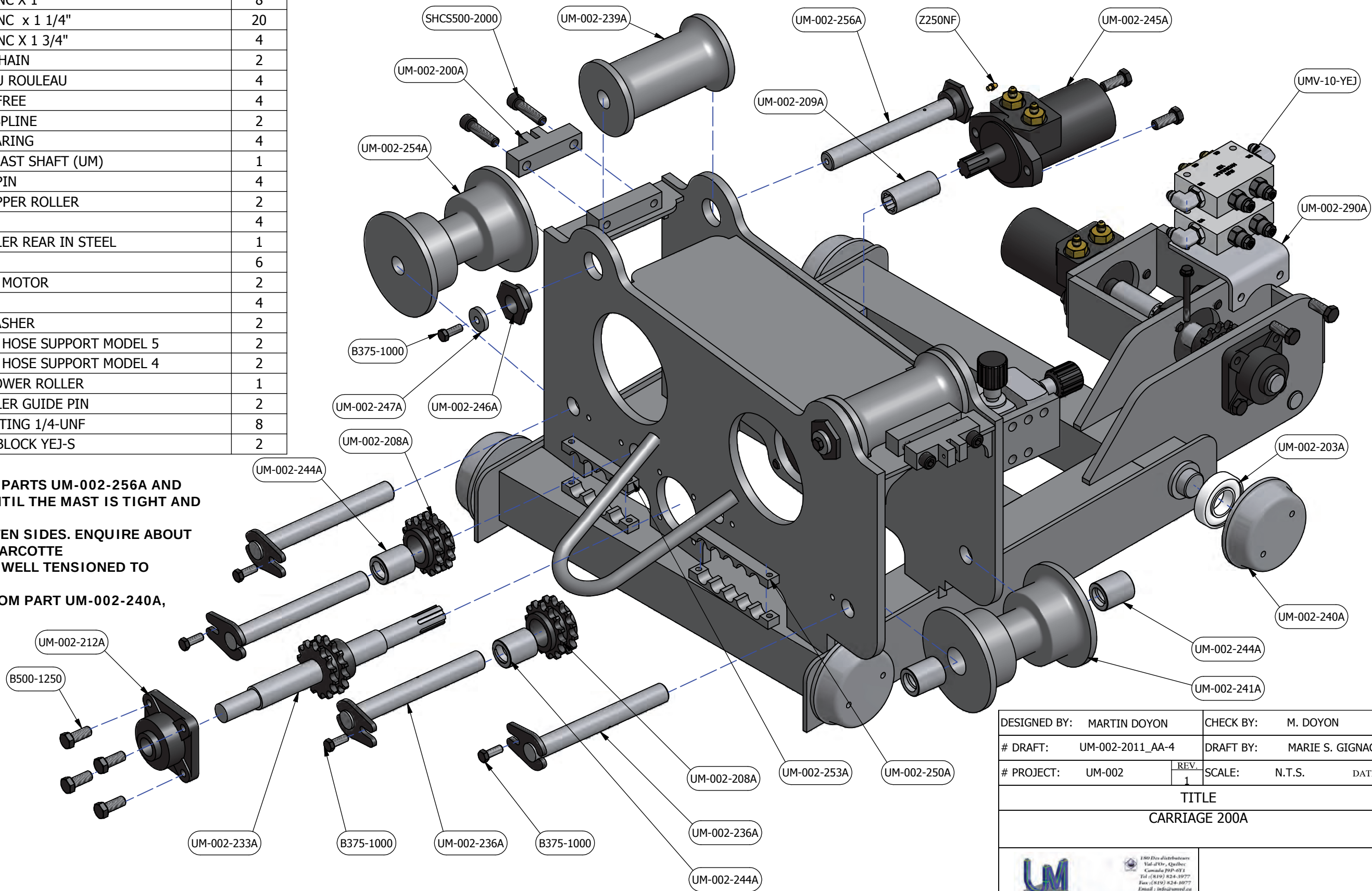
PLEASE NOTE:
-MAKE SURE THE CHAINS ARE WELL TENSIONED
TO PREVENT PREMATURE WEAR



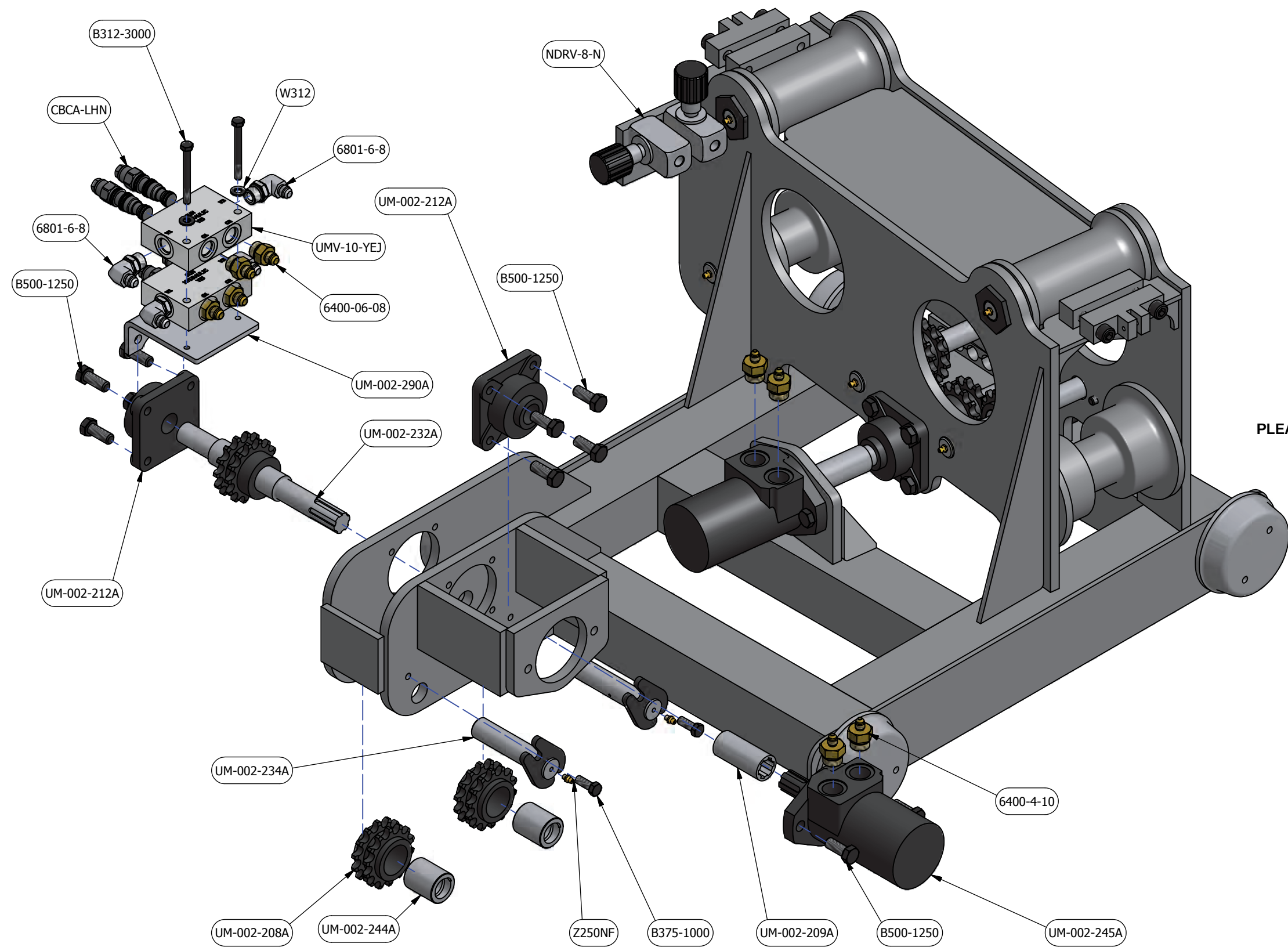
DESIGNED BY:	MARTIN DOYON	CHECK BY:	M. DOYON	
# DRAFT:	UM-002-2011_AA-3	DRAFT BY:	MARIE S. GIGNAC	
# PROJECT:	UM-002	REV.	1	SCALE: N.T.S. DATE:
TITLE				
BASE 100AA- ASSEMBLY				
		180 Des distributeurs Val d'Or, Quebec Canada J9P 6Y1 Tel : (819) 824-3977 Fax : (819) 824-1077 Email : info@umrc.ca Web : www.umrc.ca		
USINAGE MARCOTTE INC.		PAGE: 7.1		

LISTE DE PIÈCE		
ITEM	NOM/NAME	QTE
B375-1000	BOLT 3/8-UNC X 1"	8
B500-1250	BOLT 1/2-UNC x 1 1/4"	20
SHCS500-2000	SHCS 1/2-UNC X 1 3/4"	4
UM-002-200A	BANGDER CHAIN	2
UM-002-203A	BEARING DU ROULEAU	4
UM-002-208A	SPROCKET FREE	4
UM-002-209A	COPPLING SPLINE	2
UM-002-212A	FLANGE BEARING	4
UM-002-233A	CONTROL MAST SHAFT (UM)	1
UM-002-236A	SPROCKET PIN	4
UM-002-239A	OUTSIDE UPPER ROLLER	2
UM-002-240A	ROLLER	4
UM-002-241A	UPPER ROLLER REAR IN STEEL	1
UM-002-244A	BUSHING	6
UM-002-245A	HYDRAULIC MOTOR	2
UM-002-246A	HEXAGON	4
UM-002-247A	SPECIAL WASHER	2
UM-002-250A	HYDRAULIC HOSE SUPPORT MODEL 5	2
UM-002-253A	HYDRAULIC HOSE SUPPORT MODEL 4	2
UM-002-254A	OUTSIDE LOWER ROLLER	1
UM-002-256A	UPPER ROLLER GUIDE PIN	2
Z250NF	GREASE FITTING 1/4-UNF	8
UMV-10-YEJ	MANIFOLD BLOCK YEJ-S	2

PLEASE NOTE:
-TO TIGHTN THE MAST, AJUST PARTS UM-002-256A AND UM-002-246A BY TURNING UNTIL THE MAST IS TIGHT AND LOCK WITH BOLT
-USE TEFLON SHIMS TO TIGHTEN SIDES. ENQUIRE ABOUT TEFLON SHIMS AT USINAGE MARCOTTE
-MAKE SURE THE CHAINS ARE WELL TENSIONED TO PREVENT PREMATURE WEAR
-TO REMOVE THE BEARING FROM PART UM-002-240A, ALWAYS USE THE HOLE ON THE PART



DESIGNED BY:	MARTIN DOYON	CHECK BY:	M. DOYON
# DRAFT:	UM-002-2011_AA-4	DRAFT BY:	MARIE S. GIGNAC
# PROJECT:	UM-002	REV.	1
SCALE:	N.T.S.	DATE:	
TITLE			
CARRIAGE 200A			
		180 Des distributeurs Val d'Or, Québec Canada J9P 6Y1 Tél : (819) 824-3977 Fax : (819) 824-3977 Email : info@umc.ca Web : www.umc.ca	
USINAGE MARCOTTE INC.		PAGE: 7.2	

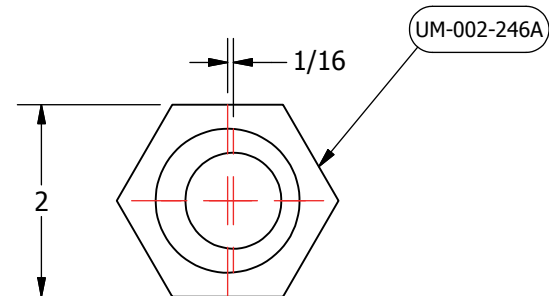
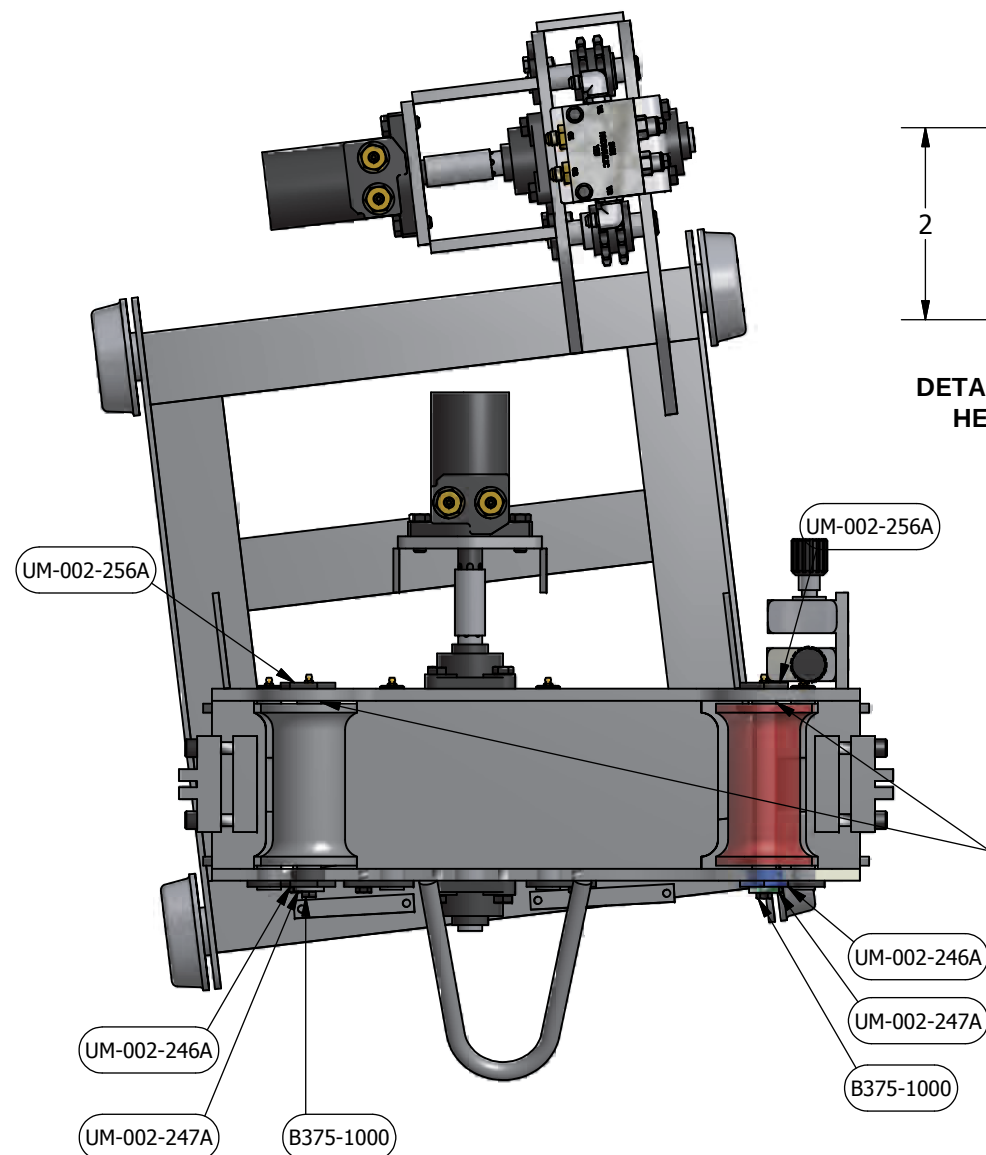


LISTE DE PIÈCE		
ITEM	NOM/NAME	QTE
B375-1000	BOLT 3/8-UNC X 1"	8
B500-1250	BOLT 1/2-UNC x 1 1/4"	20
6400-4-10	ADAPTER MJIC x MORB	4
UM-002-208A	SPROCKET FREE	4
UM-002-209A	COPPLING SPLINE	2
UM-002-212A	FLANGE BEARING	4
UM-002-232A	CONTROL SHAFT CARRIAGE	1
UM-002-234A	SPROCKET PIN	2
UM-002-244A	BUSHING	6
UM-002-245A	HYDRAULIC MOTOR	2
UM-002-290A	BRACKET	1
Z250NF	GREASE FITTING 1/4-UNF	8
UMV-10-YEJ	MANIFOLD	2
W312	FLAT WASHER 5/16	2
B312-3000	BOLT 5/16-UNC x 3"	2
NDRV-8-N	STAUF RDNV12	2
6801-6-8	MJIC x MORB ELBOW 90 DEG.	4
6400-06-08	MJIC x MORB	4
CBCA-LHN	COUTERBALANCE VALVE	4

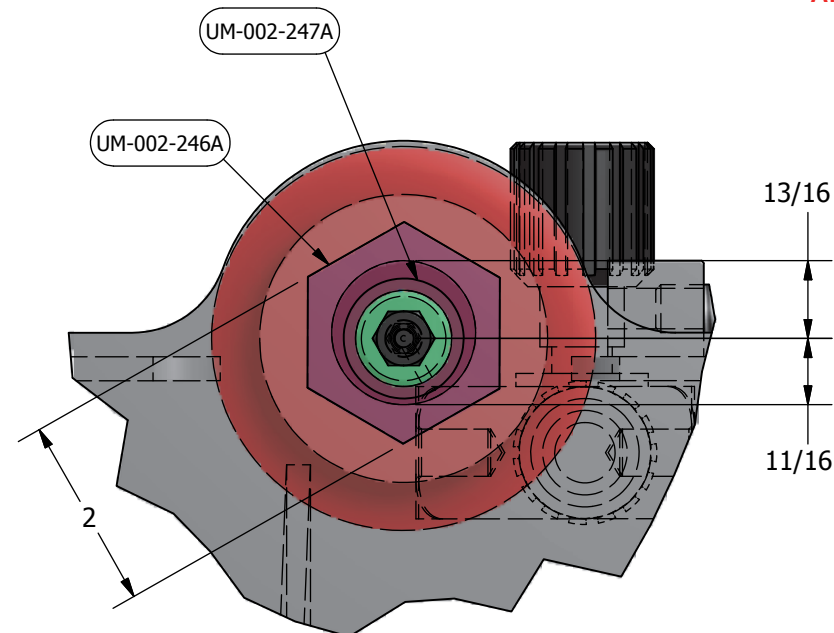
PLEASE NOTE:
-USE TEFLONS SHIMS TO TIGHTEN SIDES.
ENQUIRE ABOUT TEFLONS SHIMS AT
USINAGE MARCOTTE
-MAKE SURE THE CHAINS ARE WELL TENSIONED TO
PREVENT PREMATURE WEAR

DESIGNED BY:	MARTIN DOYON	CHECK BY:	M. DOYON
# DRAFT:	UM-002-2011_AA-5	DRAFT BY:	MARIE S. GIGNAC
# PROJECT:	UM-002	REV.	1
SCALE:	N.T.S.	DATE:	
TITLE			
CARRIAGE 200A			

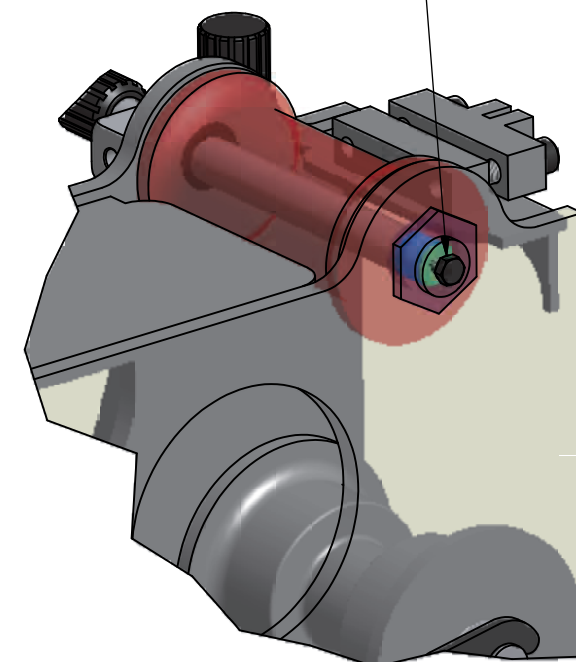




DETAIL OF THE EXCENTRIC
HEXAGONAL WASHER

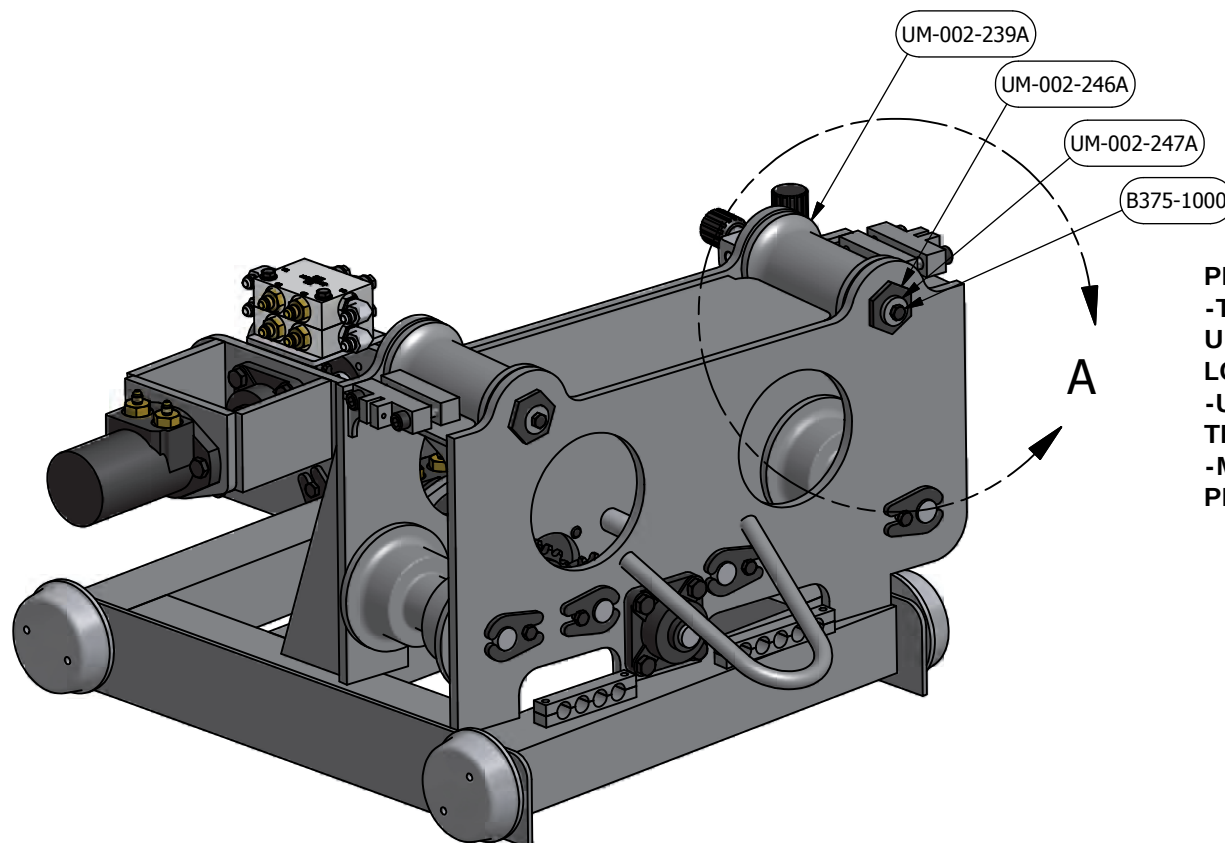
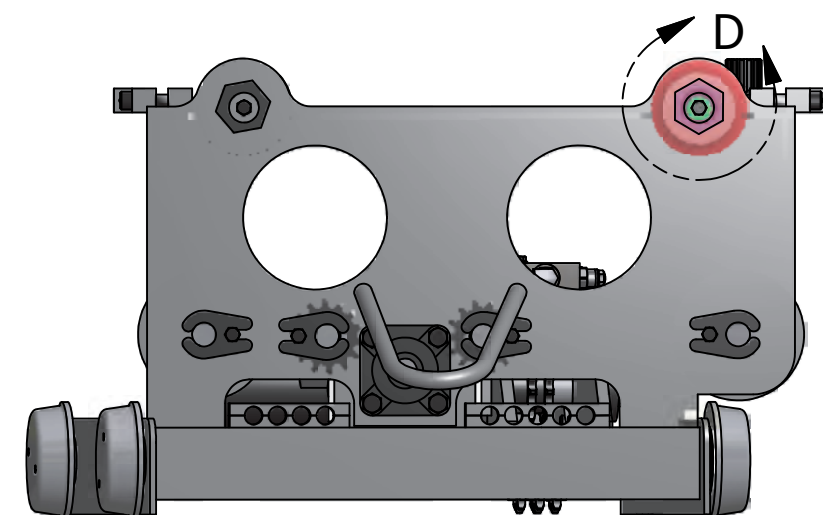


DETAIL D



DETAIL A

UNSCREW B375-1000 AND TURN UM-002-246A
AND UM-002-256A AT THE SAME TIME .
IT WILL BRING DOWN OR UP
UM-002-239A FOR ADJUSTMENTS.



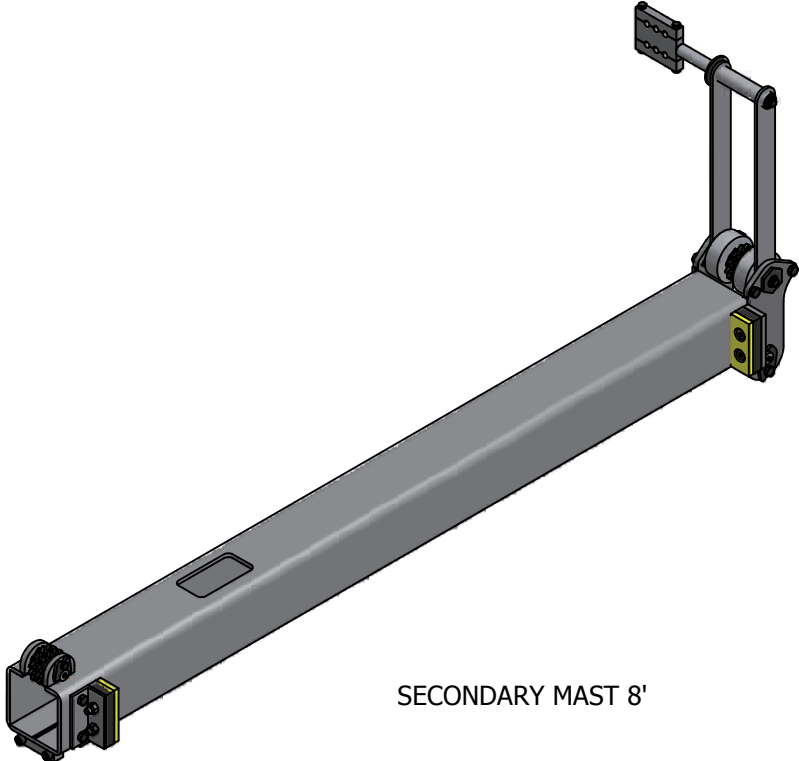
PLEASE NOTE:
-TO TIGHTN THE MAST, AJUST PARTS UM-002-256A AND
UM-002-246A BY TURNING UNTIL THE MAST IS TIGHT AND
LOCK WITH BOLT
-USE TEFLON SHIMS TO TIGHTEN SIDES. ENQUIRE ABOUT
TEFLON SHIMS AT USINAGE MARCOTTE
-MAKE SURE THE CHAINS ARE WELL TENSIONED TO
PREVENT PREMATURE WEAR

DESIGNED BY:	MARTIN DOYON	CHECK BY:	M. DOYON
# DRAFT:	UM-002-2011_AA-14	DRAFT BY:	MARIE S. GIGNAC
# PROJECT:	UM-002	REV.	1
SCALE:	N.T.S.	DATE:	
TITLE			
CARRIAGE ADJUSTEMENTS (200A)			

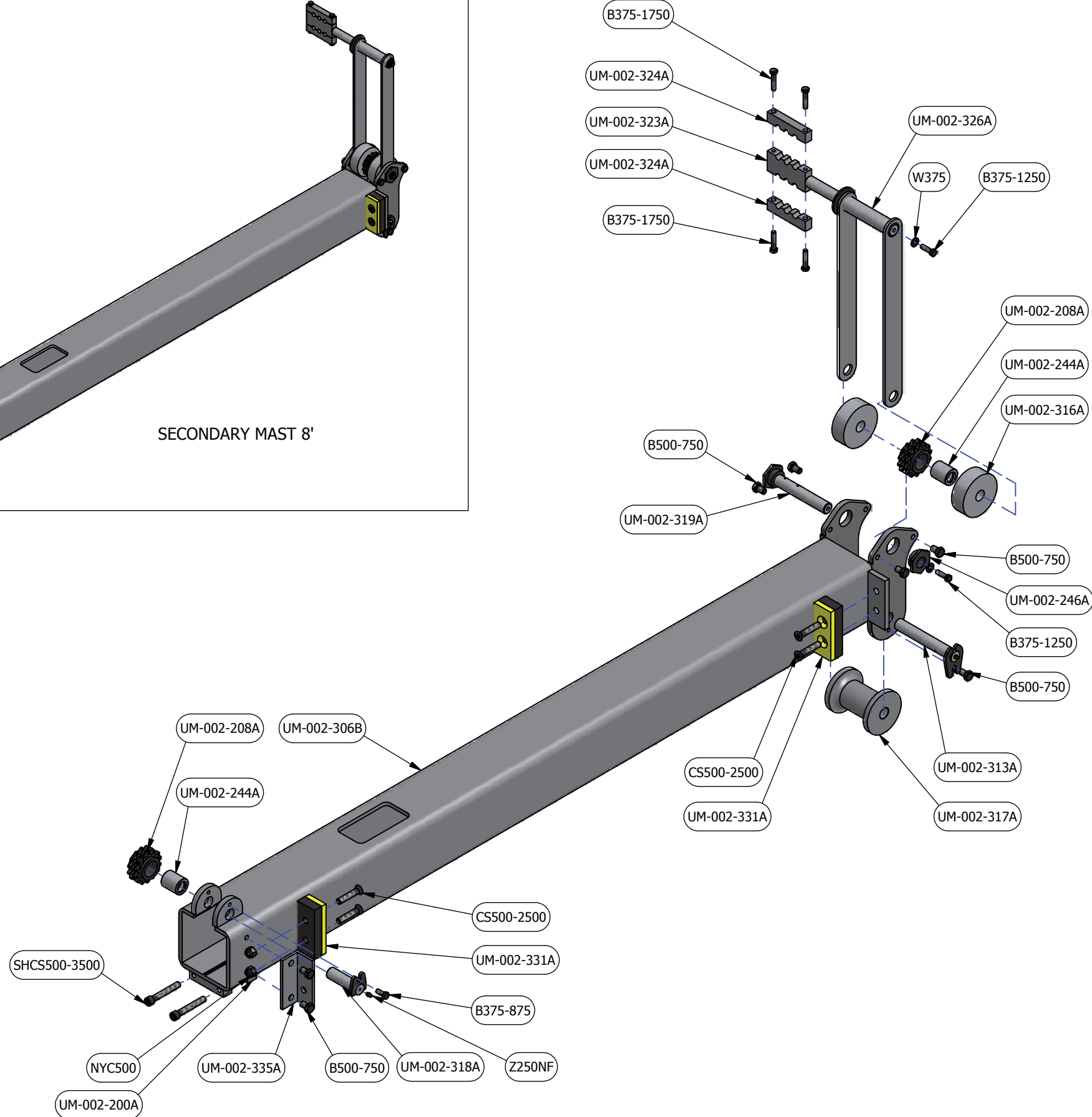


USINAGE MARCOTTE INC.

180 Des distributeurs
Val d'Or, Québec
Canada J9P 6Y1
Tél : (819) 824-3977
Fax : (819) 824-1077
Email : info@amr.ca
Web : www.amr.ca



SECONDARY MAST 8'



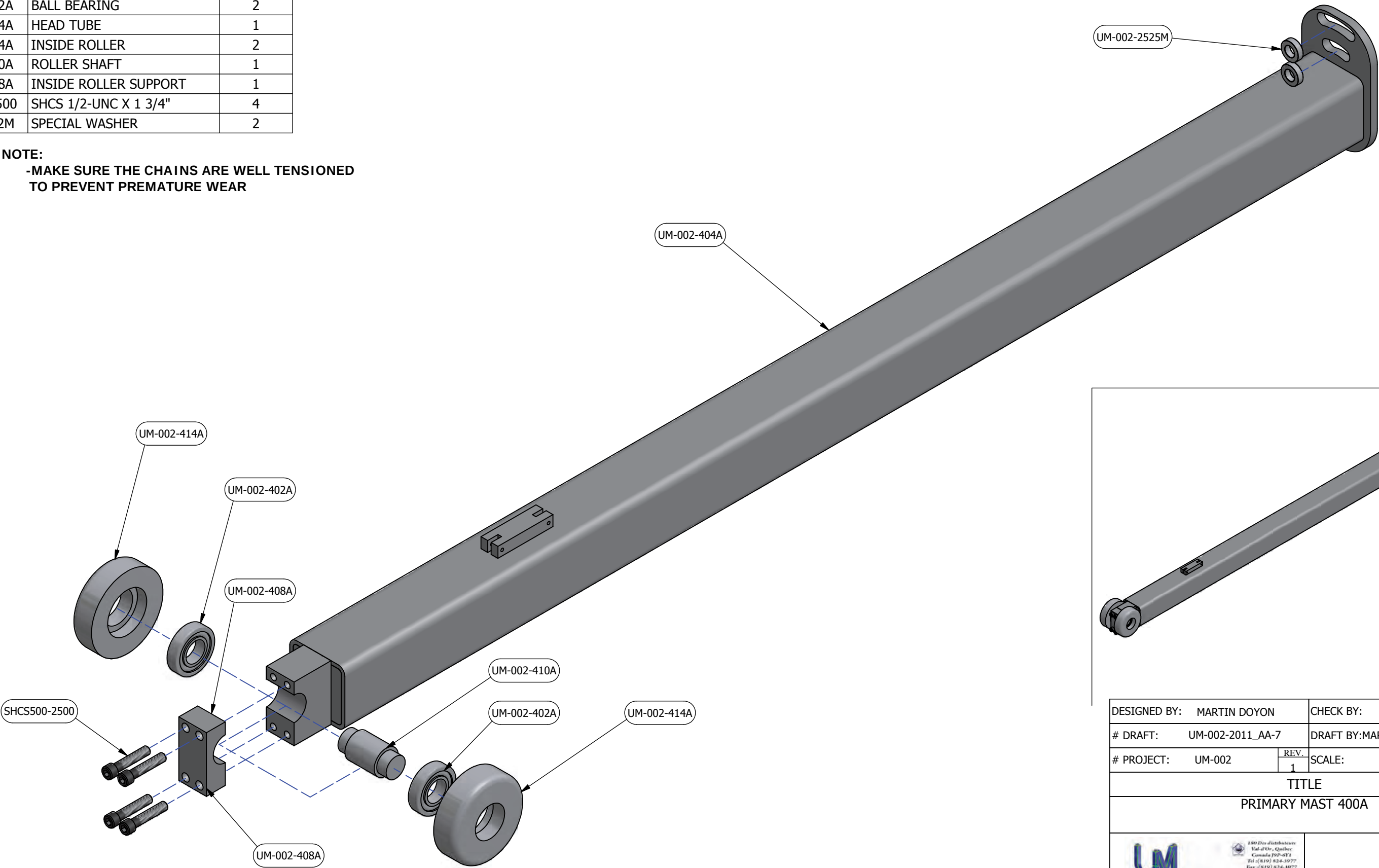
LISTE DE PIÈCE

ITEM	NOM/NAME	QTE
B375-1250	BOLT 3/8 - 16 NC X 1 1/4	2
B375-1750	BOLT 3/8-UNC X 1 3/4"	4
B375-875	BOLT 3/8"-UNC x 7/8"	1
B500-750	BOLT 1/2-UNC x 3/4"	7
CS500-2500	COUNTERSUNK 1/2-13 UNC x 2 1/2"	4
NYC500	NYLON LOCK HEX NUT 1/2-13 UNC x 2 1/2 "	4
SHCS500-3500	SHCS 1/2-UNC X 1 3/4"	2
UM-002-200A	BANGDER CHAIN	1
UM-002-208A	SPROCKET FREE	2
UM-002-244A	BUSHING	2
UM-002-246A	HEXAGON	2
UM-002-306B	SECONDARY TUBE	1
UM-002-313A	FRONT LOWER PIN	1
UM-002-316A	FRONT SOCKET ROLLER	2
UM-002-317A	LOWER ROLLER GUIDE	1
UM-002-318A	FRONT SPROCKET PIN	1
UM-002-319A	REAR SPROCKET PIN	1
UM-002-324A	CENTER HYDRAULIC HOSE SUPPORT	2
UM-002-326A	SWEVEL HYDRAILIC SUPPORT	1
UM-002-331A	STOPPER	2
UM-002-335A	STOPPER BRACKET	1
W375	FLAT WASHER 3/8	2
Z250NF	GREASE FITTING 1/4-UNF	3

DESIGNED BY: MARTIN DOYON	CHECK BY: M. DOYON
# DRAFT: UM-002-2011-AA-6	DRAFT BY:MARIE S. GIGNAC
# PROJECT: UM-002	REV. 1 SCALE: N.T.S. DATE:
TITLE	
SECONDARY MAST 300A	
 USINAGE MARCOTTE INC.	
180 Des distributeurs Val d'Or, Quebec Canada J9P 6Y1 Tel : (819) 824-3977 Fax : (819) 824-1077 Email : info@ammi.ca Web : www.ammi.ca	
PAGE: 7.4	

LISTE DE PIÈCE		
ITEM	NOM/NAME	QTE
UM-002-402A	BALL BEARING	2
UM-002-404A	HEAD TUBE	1
UM-002-414A	INSIDE ROLLER	2
UM-002-410A	ROLLER SHAFT	1
UM-002-408A	INSIDE ROLLER SUPPORT	1
SHCS500-2500	SHCS 1/2-UNC X 1 3/4"	4
UM-002-252M	SPECIAL WASHER	2

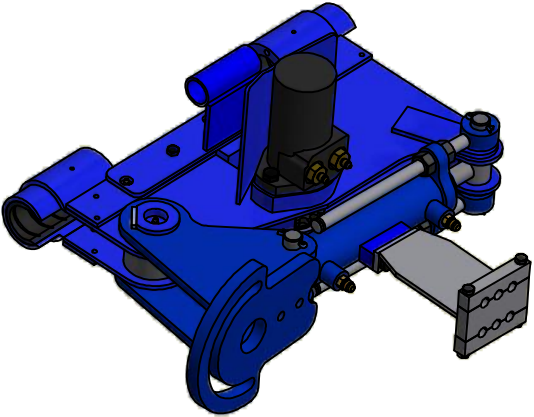
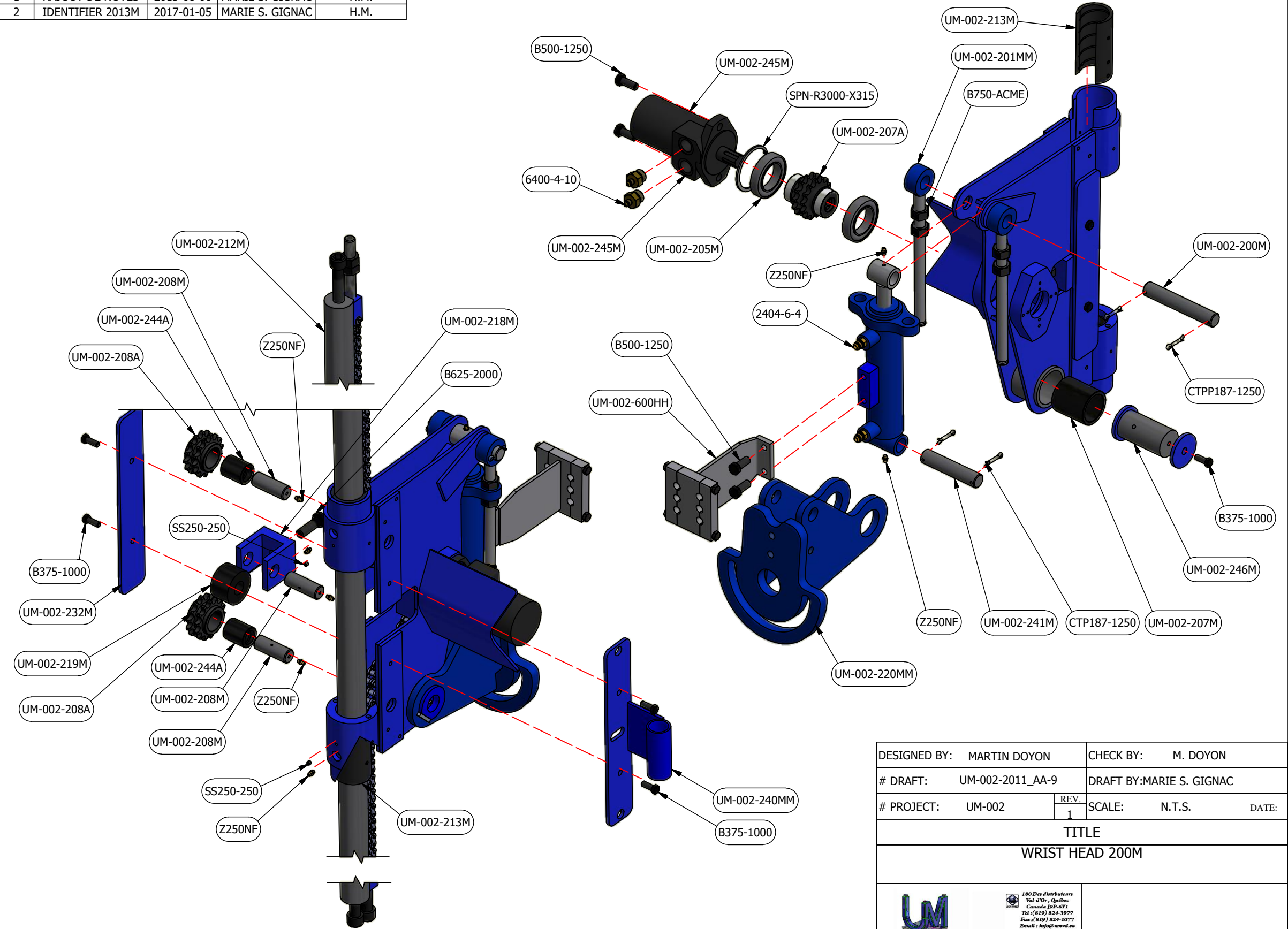
PLEASE NOTE:
-MAKE SURE THE CHAINS ARE WELL TENSIONED
TO PREVENT PREMATURE WEAR



DESIGNED BY: MARTIN DOYON		CHECK BY: M. DOYON	
# DRAFT:	UM-002-2011_AA-7	DRAFT BY:MARIE S. GIGNAC	
# PROJECT:	UM-002	REV. 1	SCALE: N.T.S. DATE:
TITLE			
PRIMARY MAST 400A			
 USINAGE MARCOTTE INC.		ISO 9001 Distributeur Val d'Or, Québec Canada J9P 6Y1 Tél : (819) 824-3977 Fax : (819) 824-1077 Email : info@ummi.ca Web : www.ummi.ca	

LISTE DE PIÈCE		
ITEM	NOM/NAME	QTE
2404-6-4	MJIC 6 x MP 4	2
6400-4-10	ADAPTER MJIC x MORB	2
B375-1000	BOLT 3/8-UNC X 1"	5
B500-1250	BOLT 1/2-UNC x 1 1/4"	4
B625-2000	BOLT 5/8-UNC x 2"	1
B750-ACME	AJUST ANGLE NUT	4
CTPP187-1250	CUTTER PIN 3/8	5
SPN-R3000-X315	RETAINING RING	1
SS250-250	SET SCREW 1/4- 20 UNC x 1/4"	2
UM-002-200M	CYLINDER HAND UPPER PIN	1
UM-002-205M	SKF BEARING 6010-2RS	2
UM-002-207A	SWEVEL BUSHING	1
UM-002-207M	SPROCKET	1
UM-002-208A	SPROCKET FREE	2
UM-002-208M	SPROCKET PIN	3
UM-002-212M	GRIP SHAFT	1
UM-002-213M	GRIP SHAFT BUSHING	2
UM-002-218M	PUSHER	1
UM-002-219M	ROLLER	1
UM-002-232M	RETAINING FLAT BAR	1
UM-002-240MM	RIGHT RETAINING FLAT BAR	1
UM-002-241M	CYLINDER HAND LOWER PIN	1
UM-002-244A	BUSHING	2
UM-002-245M	HYDRAULIC MOTOR	1
UM-002-246M	SWEVEL WRIST PIN	1
UM-002-600HH	BRACKET	1
Z250NF	GREASE FITTING 1/4-UNF	8
UM-002-201MM		2
UM-002-220MM		1

REVISION HISTORY				
REV	DESCRIPTION	DATE	AUTHOR	APPROVED
1	RAJOUT DE NOTES	2013-08-06	MARIE S. GIGNAC	H.M.
2	IDENTIFIER 2013M	2017-01-05	MARIE S. GIGNAC	H.M.

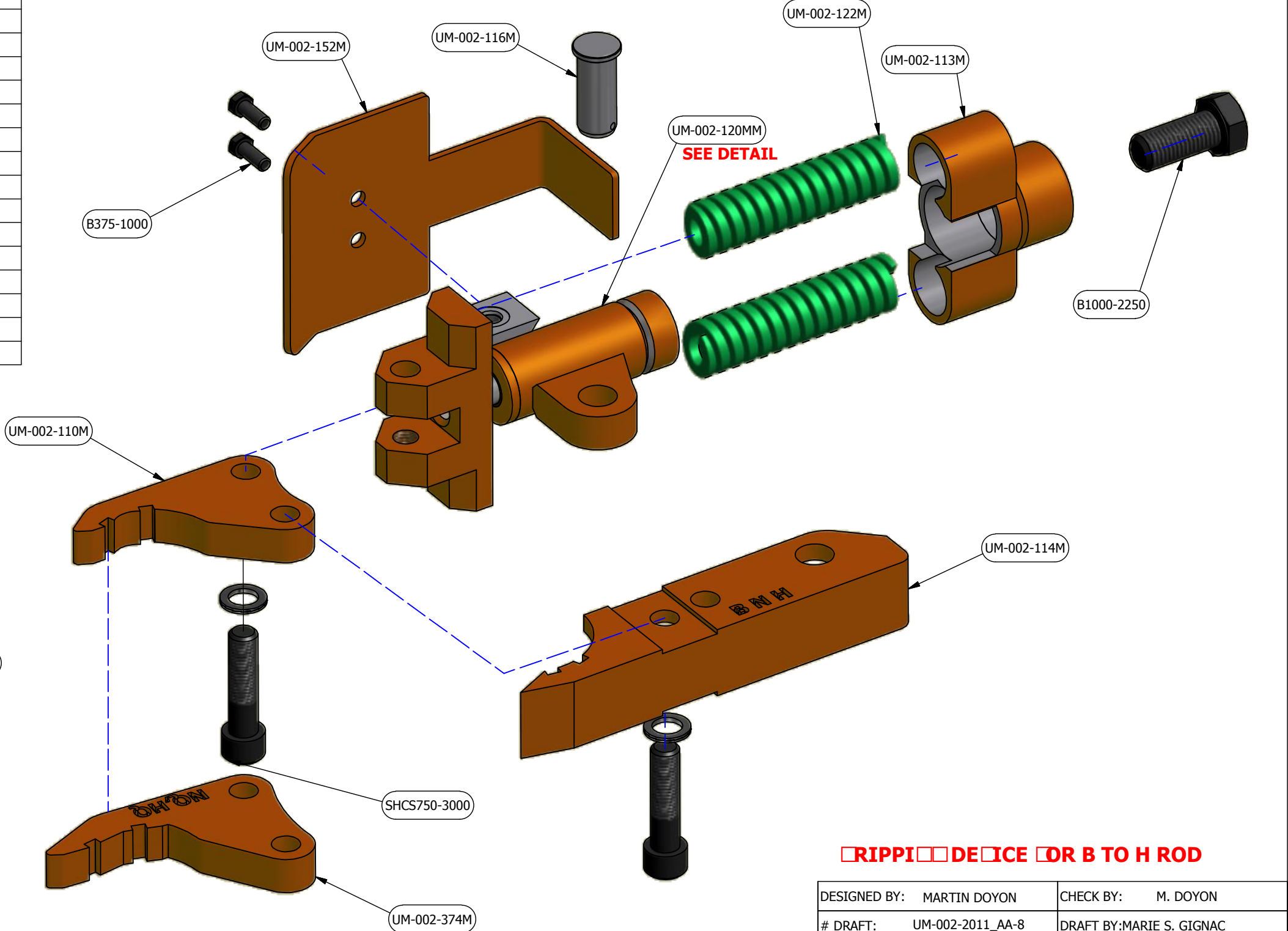
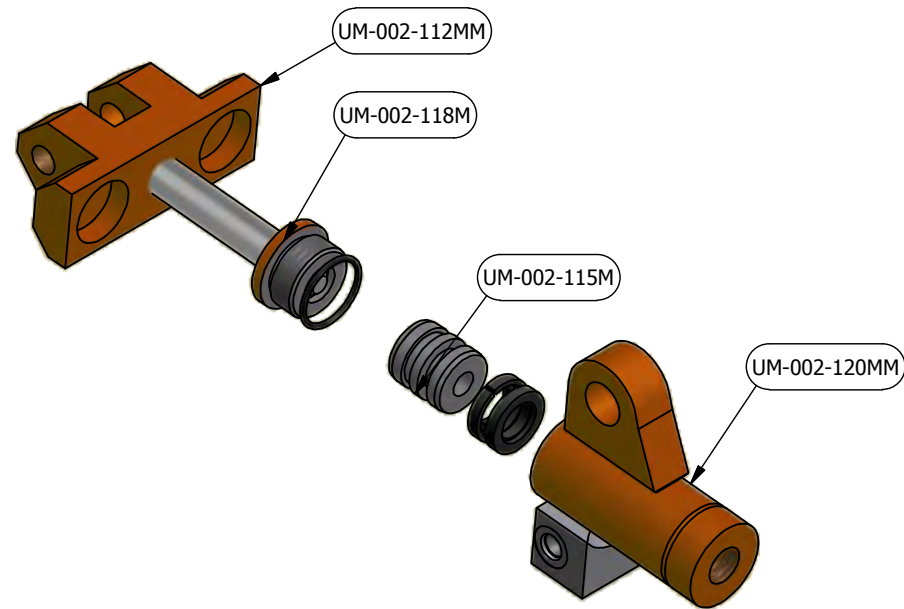


**WRIST HEAD COMPLETE
ASSEMBLY: UM-002-200MM**

DESIGNED BY: MARTIN DOYON	CHECK BY: M. DOYON
# DRAFT: UM-002-2011_AA-9	DRAFT BY: MARIE S. GIGNAC
# PROJECT: UM-002	REV. 1
SCALE: N.T.S.	DATE:
TITLE	
WRIST HEAD 200M	
 180 Des distributeurs Vol d'Or, Québec Canada J0P 0T1 Tél : (819) 824-3977 Fax : (819) 824-1077 Email : info@umrcotte.ca Web : www.umrcotte.ca	
PAGE: 7.7	

LISTE DE PIÈCE		
ITEM	NOM/NAME	QTE
B1000-2250	HEX BOLT 1-8 UNC x 2 1/2"	1
B375-1000	BOLT 3/8-UNC X 1"	2
SHCS750-3000	HEX. CAP SCREW 3/4-10 UNC x 3 "	2
UM-002-110M	BQ NQ FINGER	1
UM-002-112MM	CYLINDER ROD AND GRIP MOUNTING BRACKET	1
UM-002-113M	SPRING SUPPORT	1
UM-002-114M	GRIP BODY	1
UM-002-115M	PISTON	1
UM-002-118M	CYLINDER CAP	1
UM-002-120MM	CYLINDER	1
UM-002-122M	XHP-612 SPRING	2
UM-002-152M	GUARD	1
UM-002-116M	GRIP CYLINDER PIN	1
UM-002-374M	NQ HQ FINGER	1

ITEM UM-002-120MM CYLINDER DETAILS
GRIP CYLINDER PAC KIT IT: UM-002-120MM



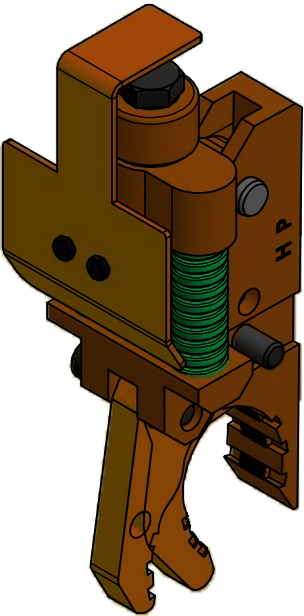
RIPPI DE ICE OR B TO H ROD

NO. OF PART TO ORDER (FOR COMPLETE GRIP ASSEMBLY)	DRILLING ROD CAPACITY
UM-002-100MM-BN	B TO N
UM-002-100MM-NH	N TO H

DESIGNED BY: MARTIN DOYON	CHECK BY: M. DOYON
# DRAFT: UM-002-2011_AA-8	DRAFT BY: MARIE S. GIGNAC
# PROJECT: UM-002	REV. 1 SCALE: N.T.S. DATE:
TITLE	
GRIP UM-002-100A (B TO H)	
180 Des distributeurs Val d'Or, Québec Canada J0P 0T1 Tél : (819) 824-3977 Fax : (819) 824-1077 Email : info@usinage.com Web : www.usinage.com	
PAGE: 7.6.1	

REVISION HISTORY				
REV	DESCRIPTION	DATE	AUTHOR	APPROVED
3	RAJOUT NORD-LOCK/ ENLEVER LC1000	2014-12-12	M.S.G.	H.M.

LISTE DE PIÈCE		
ITEM	NOM/NAME	QTE
SHCS750-3000	HEX. CAP SCREW 3/4-10 UNC x 3"	2
UM-002-100S	GRIP BODY (FOR HQ-PW FINGER)	1
UM-002-113M	SPRING SUPPORT	1
UM-002-120MM	CYLINDER	1
UM-002-116M	GRIP CYLINDER PIN	1
UM-002-122M	XHP-612 SPRING	2
B1000-2250	HEX BOLT 1-8 UNC x 2 1/2"	1
UM-002-152M	GUARD	1
B375-1000	BOLT 3/8-UNC X 1"	2
UM-002-475M	HQ-PW FINGER	1
UM-002-111M	PW FINGER	1
NL750	NORDLOCK	2



GRIPPING DEVICE FOR H TO P ROD

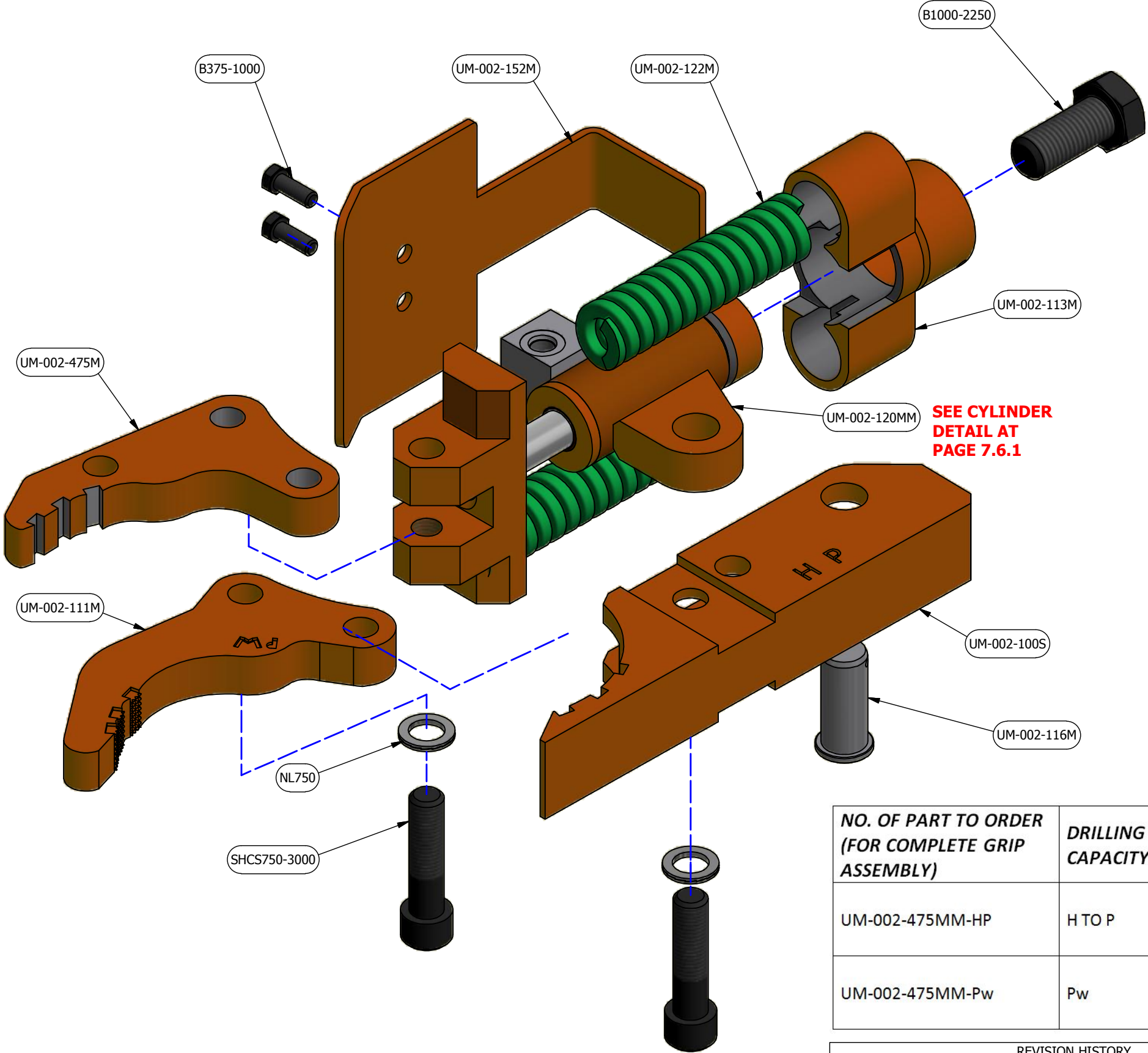
DESIGNED BY:	MARTIN DOYON	CHECK BY:	M. DOYON
# DRAFT:	UM-002-475MMM	DRAFT BY:	MARIE S. GIGNAC
# PROJECT:	UM-002	REV. 1	SCALE: N.T.S. DATE:
TITLE			
GRIP UM-002-100A WITH H TO P FINGER			



180 Des distributeurs
Val d'Or, Québec
Canada J0P 0T1
Tél : (819) 824-3977
Fax : (819) 824-1077
Email : info@umrcotte.ca
Web : www.umrcotte.ca

USINAGE MARCOTTE INC.

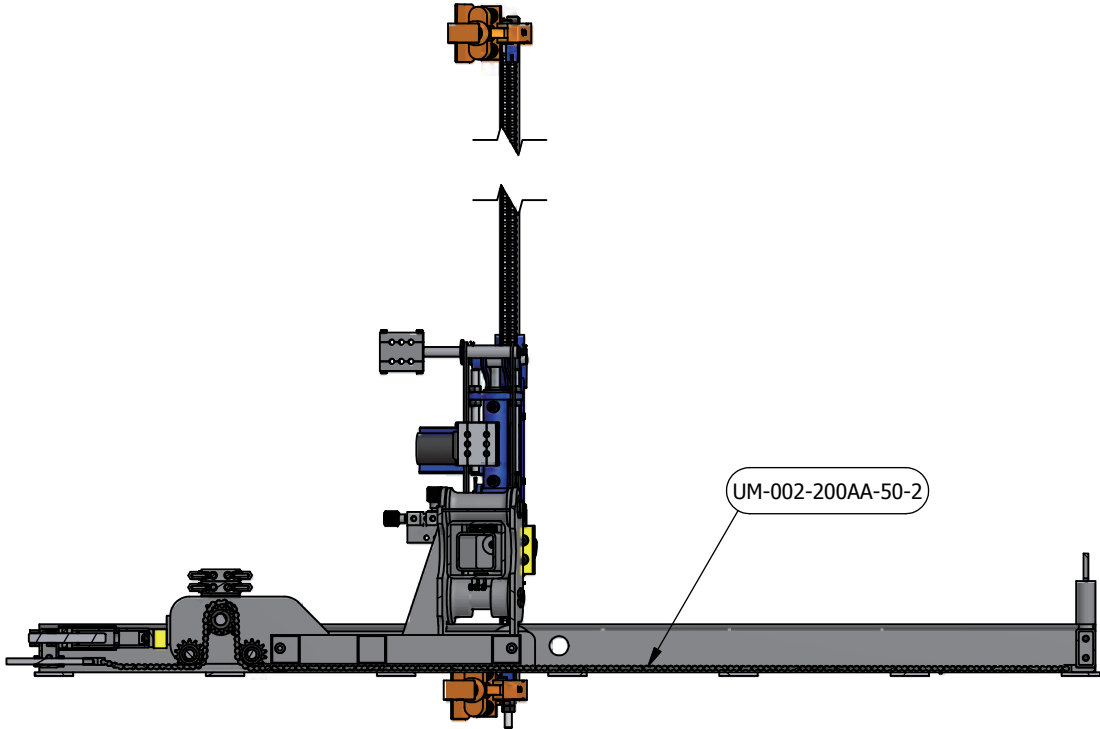
PAGE: 7.6.2



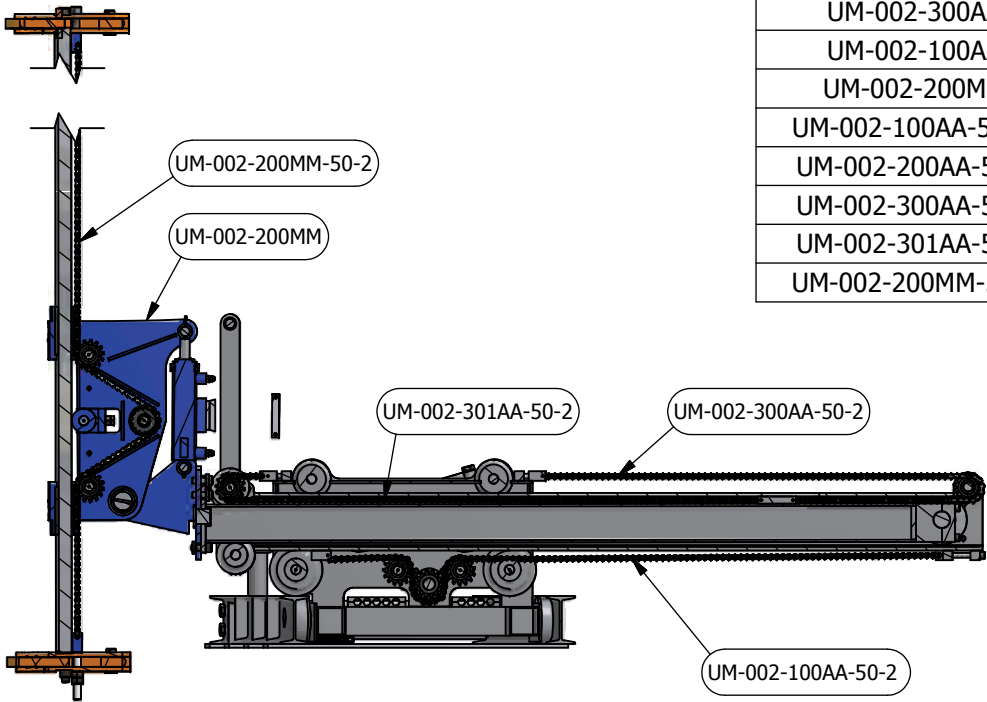
NO. OF PART TO ORDER (FOR COMPLETE GRIP ASSEMBLY)	DRILLING ROD CAPACITY
UM-002-475MM-HP	H TO P
UM-002-475MM-Pw	Pw

REVISION HISTORY				
REV	DESCRIPTION	DATE	AUTHOR	APPROVED
2	RAJOUT NORD-LOCK/ENLEVER LC1000	2014-12-12	M.S.G.	H.M.
3	REMETTRE 2EME BOULON DE 3PO	2017-08-31	M.S.G.	H.M.

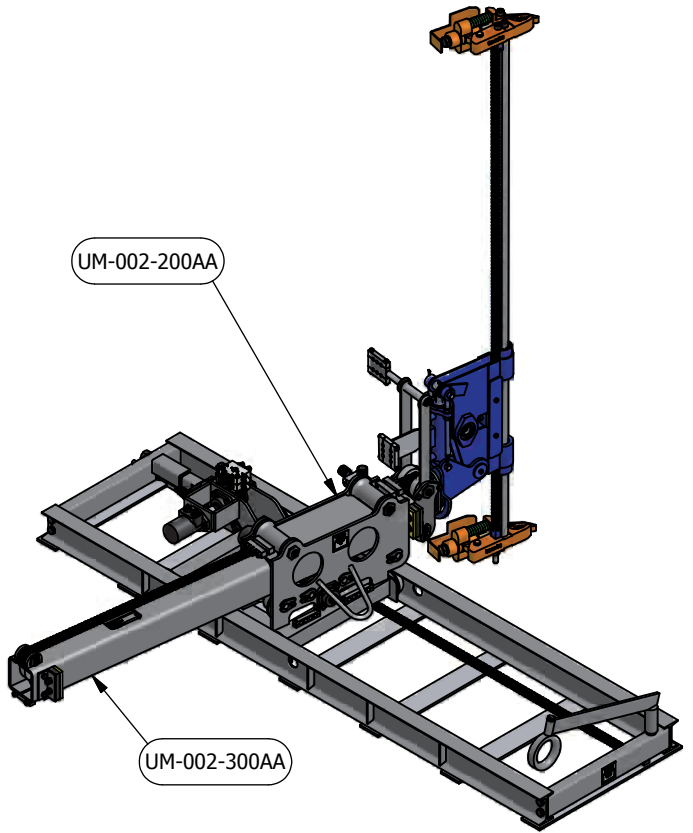
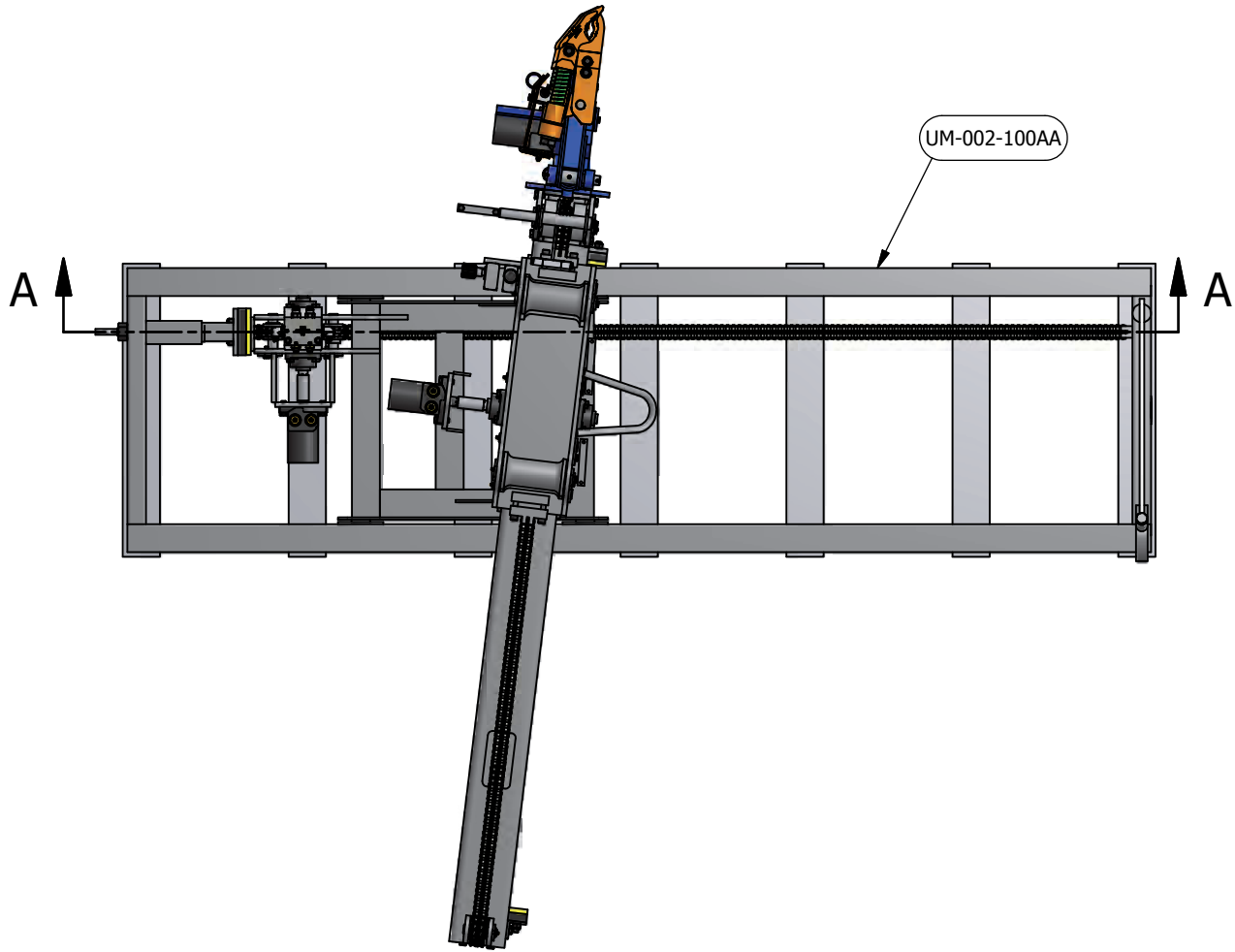
LISTE DE PIÈCE			
ITEM	NOM/NAME	QTE	LENGTH
UM-002-200AA	CARRIAGE 200AA	1	
UM-002-300AA	SECONDARY MAST	1	
UM-002-100AA	BASE	1	
UM-002-200MM	WRIST HEAD	1	
UM-002-100AA-50-2	SECONDARY MAST CHAIN	1	75"
UM-002-200AA-50-2	CARRIAGE CHAIN	1	108"
UM-002-300AA-50-2	MAST CHAIN NO1	1	68 3/4"
UM-002-301AA-50-2	MAST CHAIN NO 2	1	70"
UM-002-200MM-50-2	GRIP MAST CHAIN	1	99"



SECTION A-A



SECTION B-B

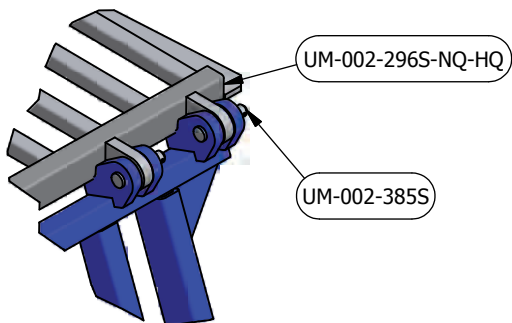


DESIGNED BY: MARTIN DOYON	CHECK BY: M. DOYON
# DRAFT: UM-002-2011_AA-11	DRAFT BY: MARIE S. GIGNAC
# PROJECT: UM-002	REV. 1
SCALE: N.T.S.	DATE:
TITLE	
DETAILS OF THE CHAINS ON THE ROD HANDLER	

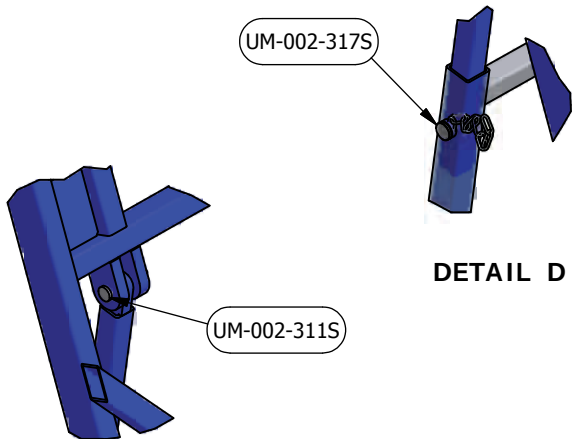


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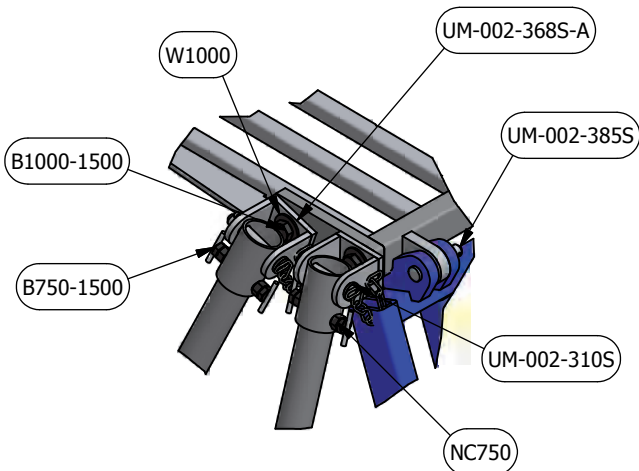
PAGE: 7.9



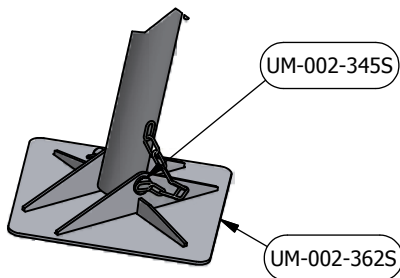
DETAIL A



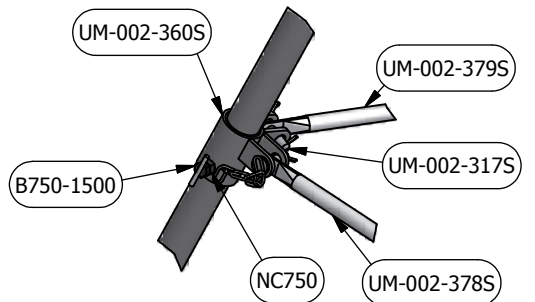
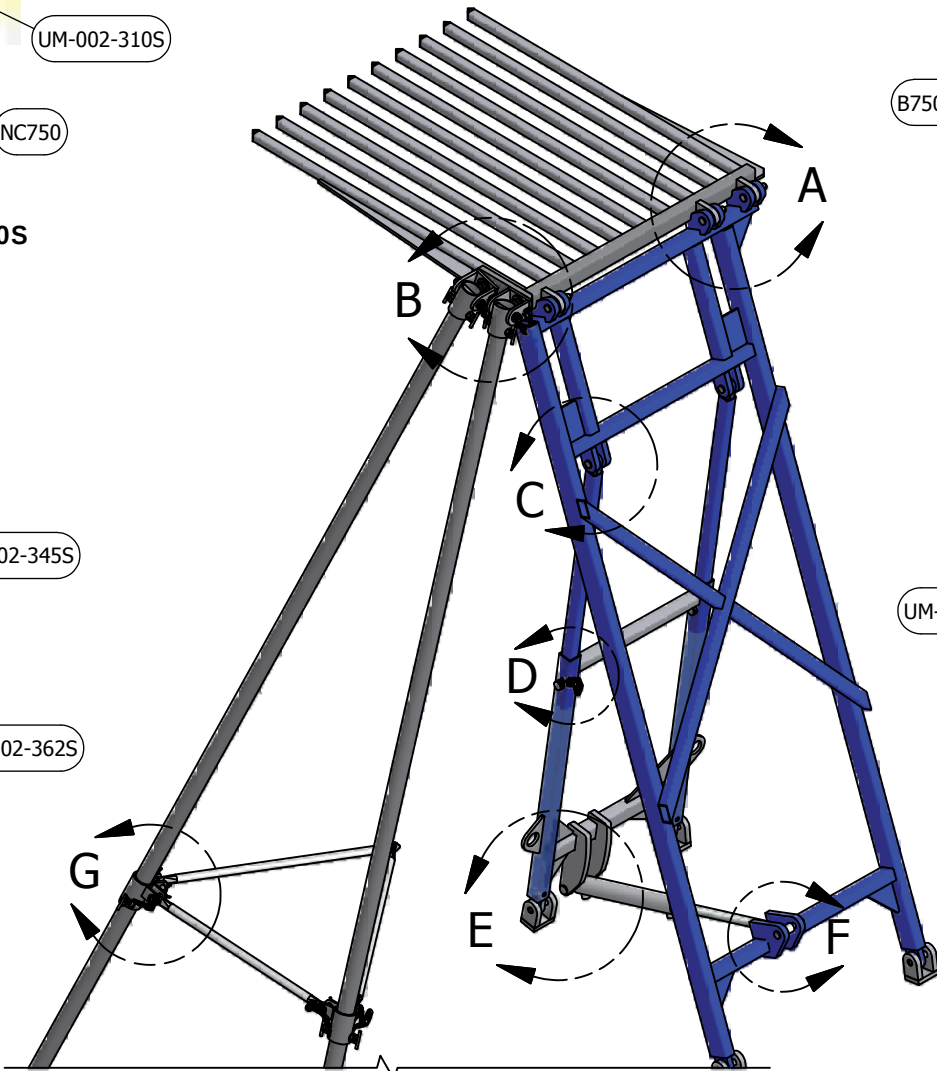
DETAIL C



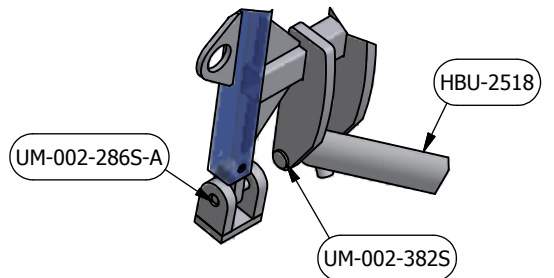
DETAIL B
ASSEMBLY UM-002-340S
AND UM-002-368S-A



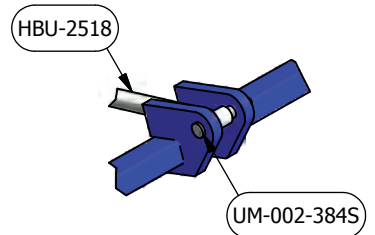
DETAIL H
ASSEMBLY UM-002-362S



DETAIL G
ASSEMBLY UM-002-360S



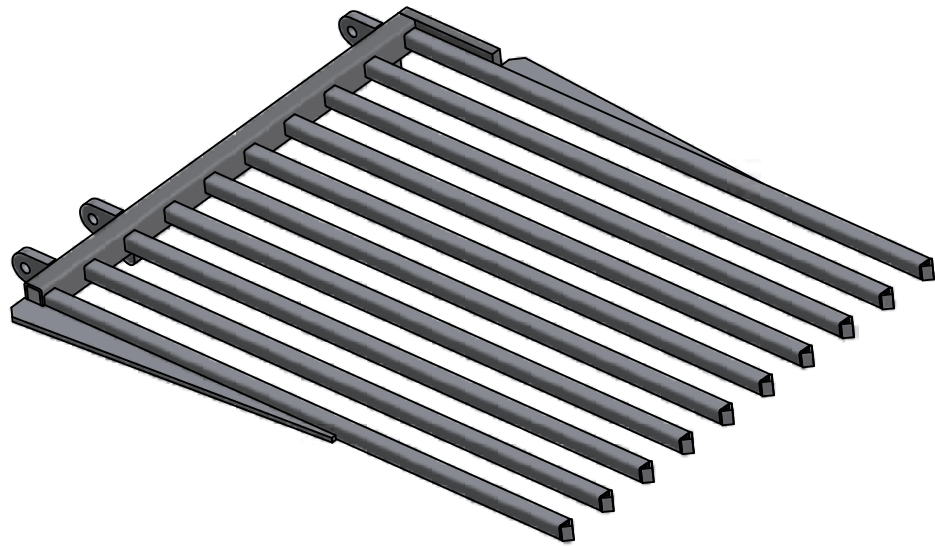
DETAIL E



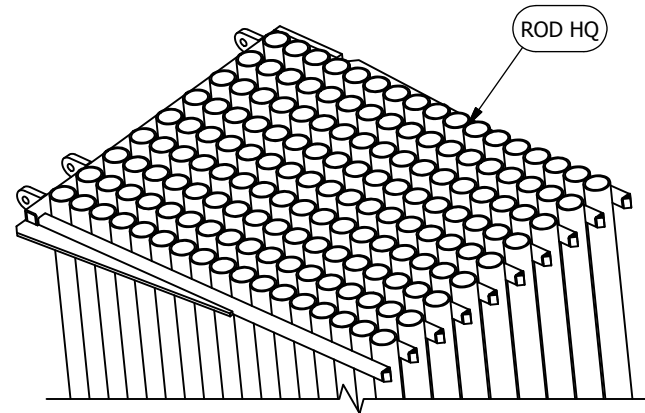
DETAIL F

LISTE DE PIÈCE		
ITEM	NOM/NAME	QTE
B1000-1500	HEX BOLT 1-8 UNC x 1 1/2"	2
B750-1500	HEX BOLT 3/4-10 UNC x 1 1/2"	8
HBU-2518	CYLINDER	1
NC750	NUT 3/4-10 UNC	8
UM-002-286S-A	ASSEMBLY UM-002-286S-A (END PART OF UM-002-303S AND UM-002-294S)	4
UM-002-294S	ASSEMBLY UM-002-294S (BACK PARTS)	1
UM-002-296S-NQ-HQ	ASSEMBLY UM-002-296S-NQ-HQ (COMB)	1
UM-002-303S	ASSEMBLY UM-002-303S (FRONT PARTS)	1
UM-002-310S	SHAFT 1 1/2 in PG1045	4
UM-002-311S	SHAFT 1 1/2 in PG 1045	2
UM-002-317S	SHAFT 1 1/2 in PG 1045	2
UM-002-339S	DRILL ROD NQ	4
UM-002-340S	ASSEMBLY UM-002-340S (FOR CONNECTING ASS.UM-002-368S AND ASS. UM-02-339S)	2
UM-002-345S	ASSEMBLY UM-002-345S (LATERALS LEGS SUPPORTS)	2
UM-002-360S	ASSEMBLY UM-002-360S (CONNECTION FOR UM-002-339S)	2
UM-002-362S	ASSEMBLY UM-002-362S (FEET)	2
UM-002-363S	ASSEMBLY UM-002-363S (FRONT PART SUPPORT)	2
UM-002-367S	SHAFT 1 1/2 in PG 1045	4
UM-002-368S-A	ASSEMBLY UM-002-368S-A (CONNECTION FOR UM-002-339S)	2
UM-002-378S	CENTER ARM	1
UM-002-379S	SIDE ARM	2
UM-002-382S	SHAFT 1 1/25 in PG 1045	1
UM-002-384S	SHAFT 1 1/2 in PG 1045	1
UM-002-385S	SHAFT 1 1/2 in PG1045	3
W1000	WASHER 1 "	2

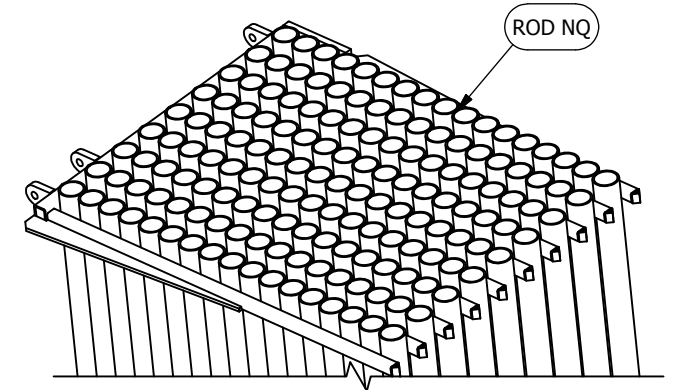
DESIGNED BY: MARTIN DOYON	CHECK BY: M. DOYON
# DRAFT: UM-002-2011_AA-12	DRAFT BY:MARIE S. GIGNAC
# PROJECT: UM-002	REV. 1
SCALE: N.T.S.	DATE:
TITLE	
RODS SEPARATOR 300S	
 180 Des distributeurs Val d'Or, Québec Canada J9P 6Y1 Tél : (819) 824-3977 Fax : (819) 824-1077 Email : info@umarcotte.ca Web : www.umarcotte.ca	
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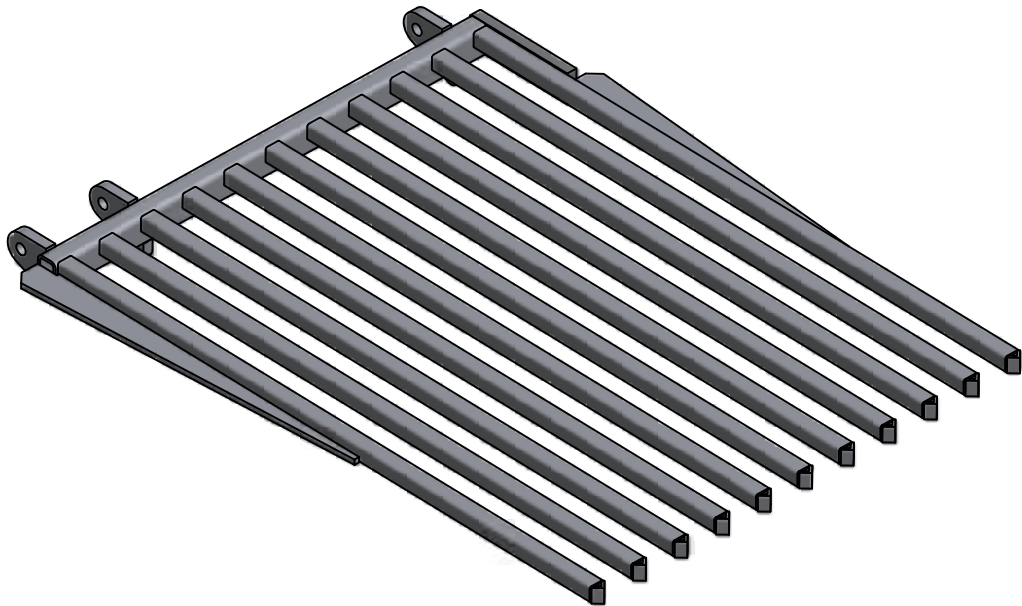
ASSEMBLY UM-002-296S-HQ-NQ



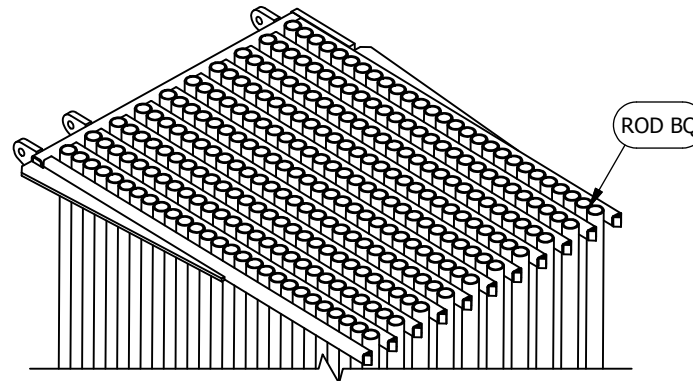
CAN RETAIN 144 HQ ROD



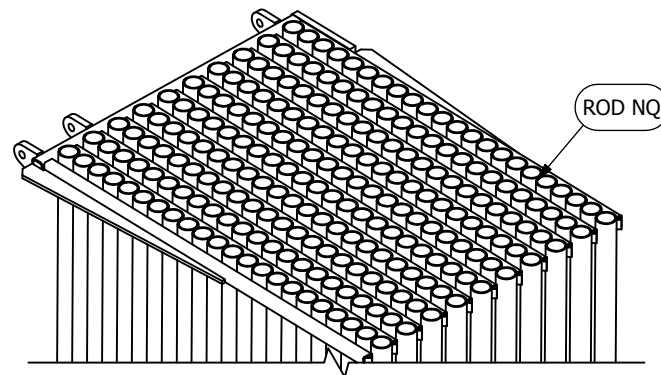
CAN RETAIN 189 NQ ROD



ASSEMBLY UM-002-298S-BQ-NQ



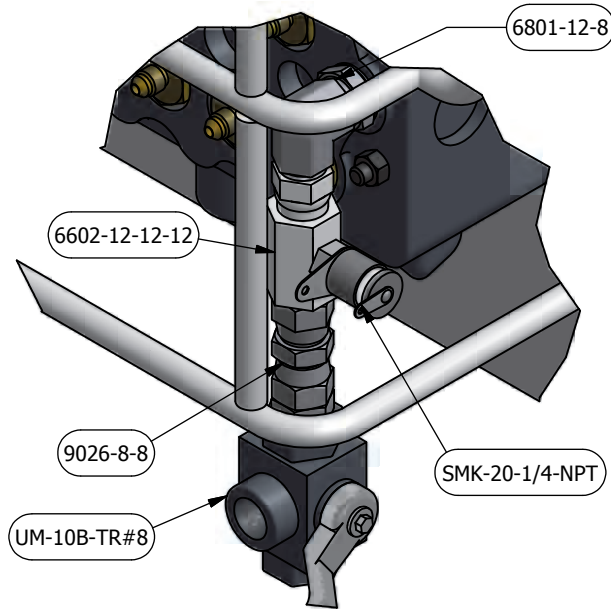
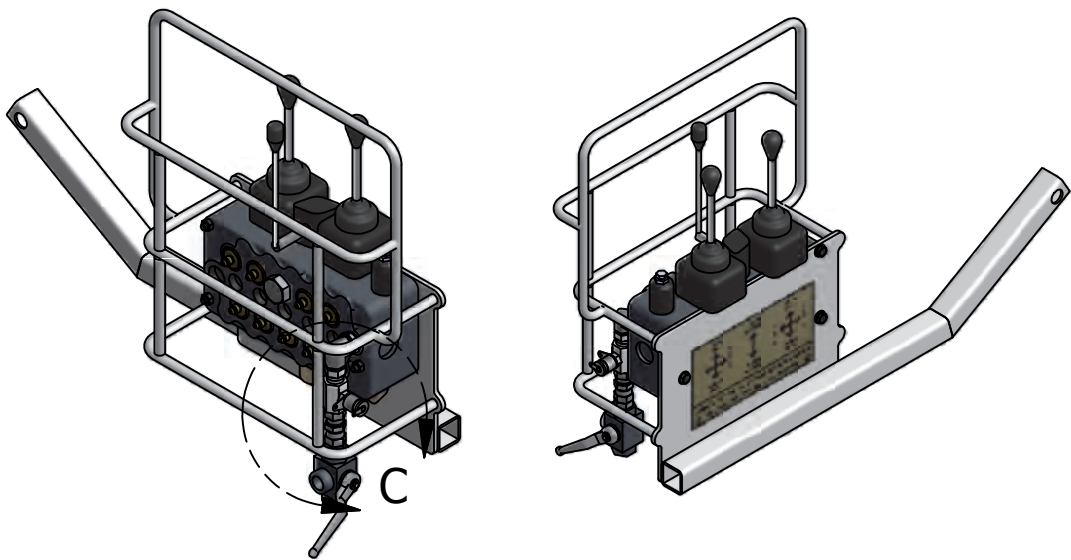
CAN RETAIN 270 BQ ROD



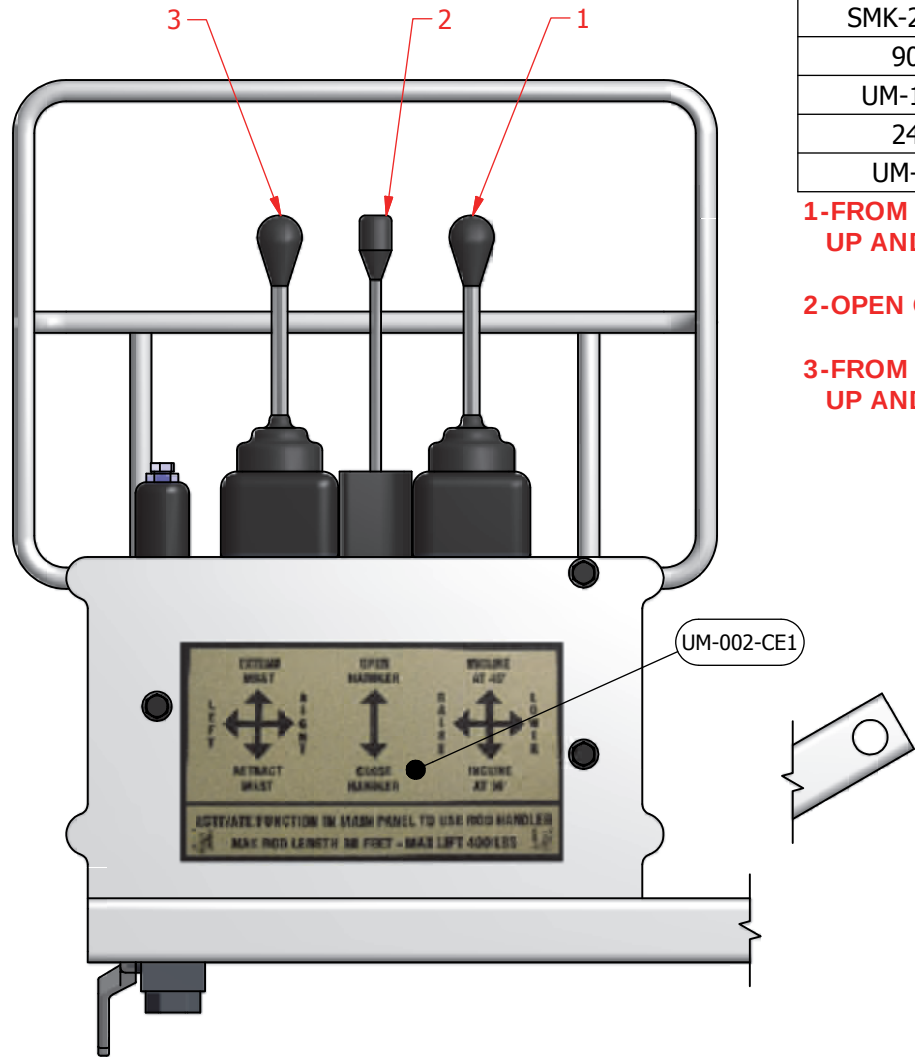
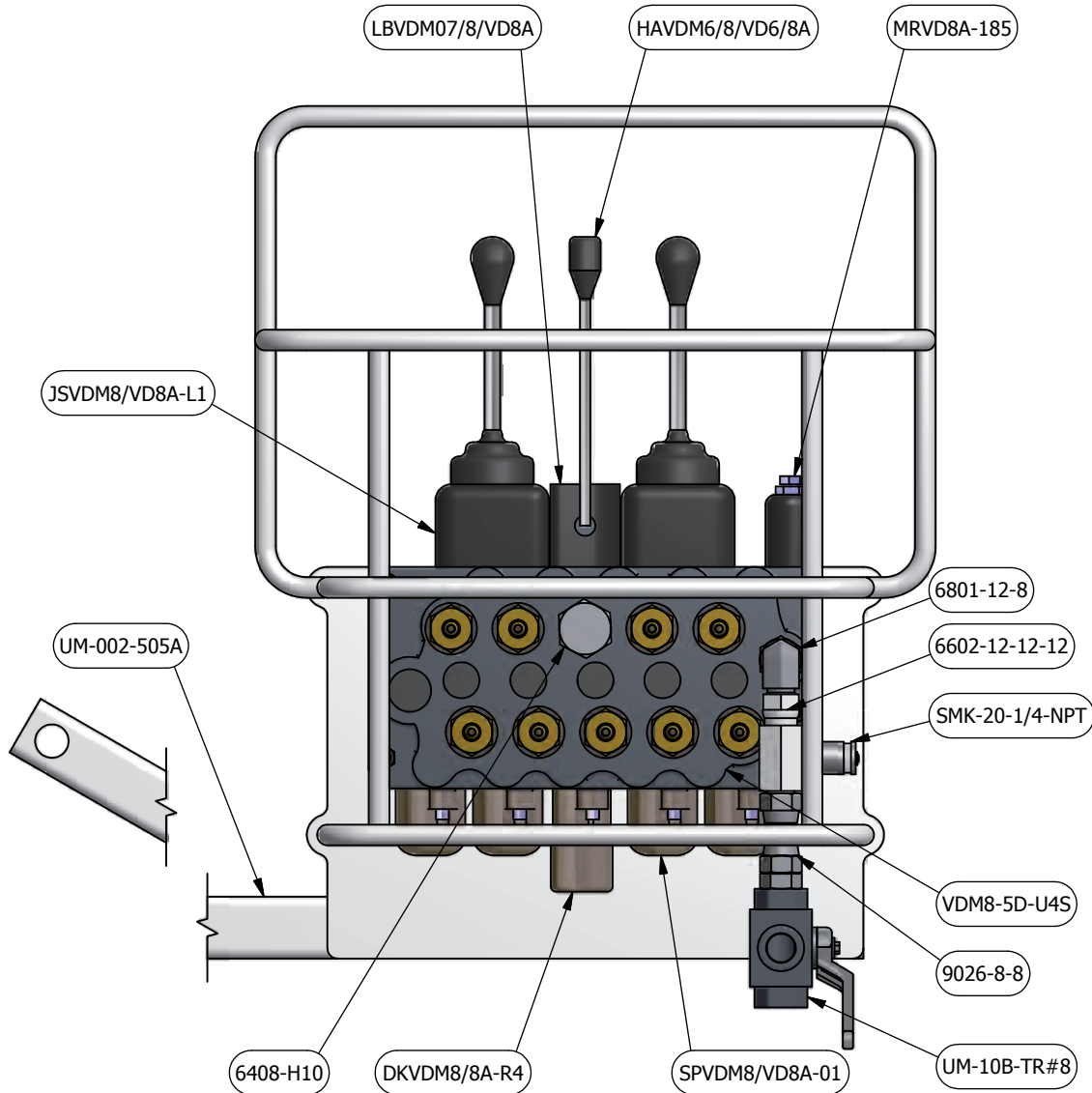
CAN RETAIN 210 NQ ROD

NOTE:
BEFORE LOADING, ENSURE ALL THE SAFETY ARE
APPLIED.

DESIGNED BY:		CHECK BY:	
# DRAFT:	UM-002-2011_AA-16	DRAFT BY:	MARIE S. GIGNAC
# PROJECT:	UM-002	REV. 1	SCALE: N.T.S. DATE:
TITLE			
ROD SEPARATOR NQ-HQ AND BQ-NQ			



DETAIL C



LISTE DE PIÈCE		
ITEM	NOM/NAME	QTE
6400-6-10	ADAPTER MJIC x MORB	9
6408-H10	MORB SOCKET PLUG	1
SPVDM8/VD8A-01	SPOOL DOUBLE ACTION VDM8-8A	4
HAJOYSTICK M10	ERGO. JOYSTICK M10	2
DKVDM8/8A-R4	DETENT KIT SPOOL OUT	1
JSVDM8/VD8A-01	JOYSTICK VDM8/VD8A	2
LBVDM07/8/VD8A	LEVER BOX SALAMI TYPE NP	1
HAVDM6/8/VD6/8A	HANDLE M8 SALAMI	1
MRVD8A-185	RELIEF	1
N09-910	O-RING FITTING	1
I568N7-114	O-RING SPOOL KIT	10
I568N7-131	O-RING SECTION KIT	5
I568N7-116	O-RING SECTION KIT	25
VDM8-5D-U4S	SALAMI VALVE	1
6801-12-8	MJIC 12 x MORB 08	1
6602-12-12-12	MJIC 12 x FJIC 12 x MJIC 12	1
SMK-20-1/4-NPT	CHECK POINT	1
9026-8-8	SWIVEL JIC 08 x SWIVEL JIC 08 UNION	1
UM-10B-TR#8	THREE WAYS BALL VALVE	1
2404-8-8	MJIC 08 X MP 08	1
UM-002-CE1	ROD HANDLER'S FUNCTIONS STICKER	1

1-FROM LEFT TO RIGHT: RAISE AND LOWER THE GRIP SHAFT
UP AND DOWN: INCLINE THE HEAD 45° OR 90°

2-OPEN OR CLOSE THE GRIPS

3-FROM LEFT TO RIGHT: MOVE THE CARRIAGE
UP AND DOWN: EXTEND OR RETRACT THE MAST

DESIGNED BY: MARTIN DOYON	CHECK BY: M. DOYON
# DRAFT: UM-002-2011_AA-13	DRAFT BY: MARIE S. GIGNAC
# PROJECT:	REV. 1 SCALE: N.T.S. DATE:

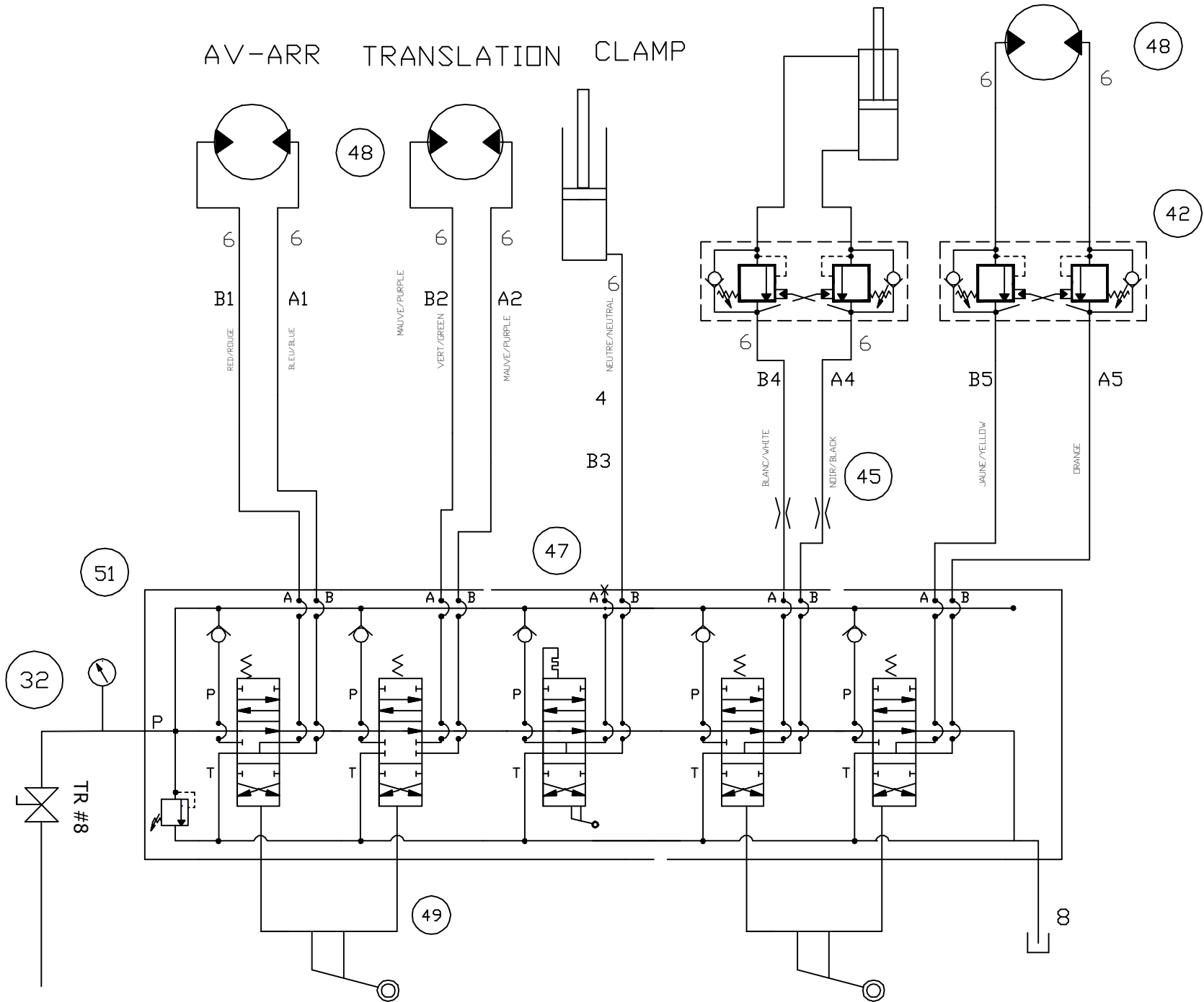
TITLE	
ROD HANDLER CONTROL DETAILS	



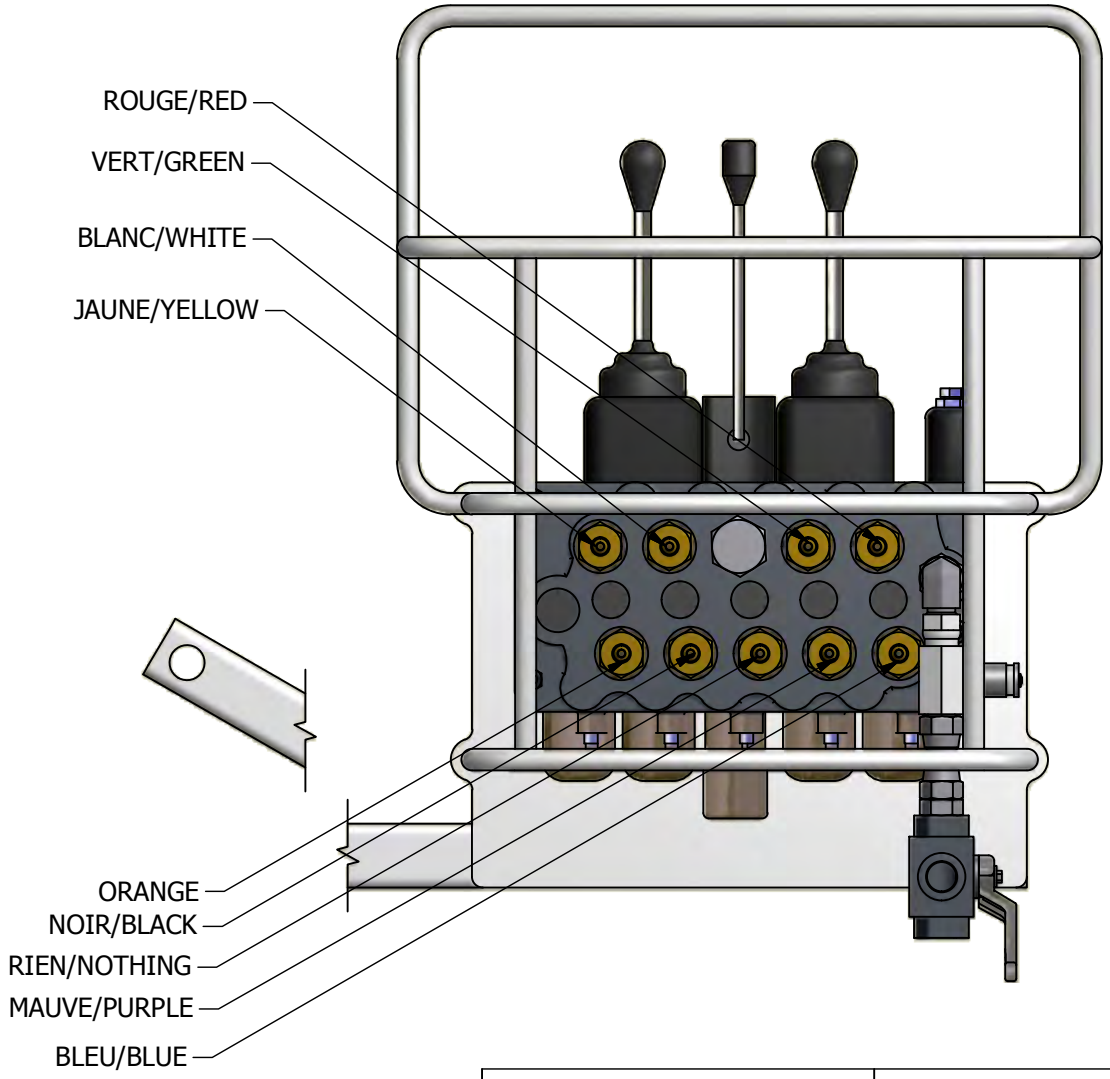
REVISION HISTORY				
REV	DESCRIPTION	DATE	AUTHOR	APPROVED
1	# STICKER	2013-08-08	MARIE S. GIGNAC	M.D.

CIRCUIT MANIPULATEUR

INCLINAISON
MONTEE-DESCENTE
PINCER



LISTE DE PIÈCE		
Item	MATÉRIEL	QTE
32	MANOMETRER SPG63-5000S STAUFF	1
42	COUNTERBALANCE VALVE CBCA-LHN/YEJ SUN	2
45	FLOW CONTROL 2 GPM NDV-8N STAUFF	1
47	DETENT KIT VDM8 SALAMI	1
51	VALVE VDM8-5DU4S	1



DESIGNED BY: D. BONNEVILLE	CHECK BY: M. DOYON	M. DOYON
# DRAFT: UM-002-2011_AA-15	DRAFT BY: MARIE S. GIGNAC	
# PROJECT: UM-002	REV. 1	SCALE: N.T.S. DATE:

TITLE		
HYDRAULIK DIAGRAM FOR THE ROD HANDLER		



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REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1	AJUSTER COULEUR	2015-04-02	M.D.