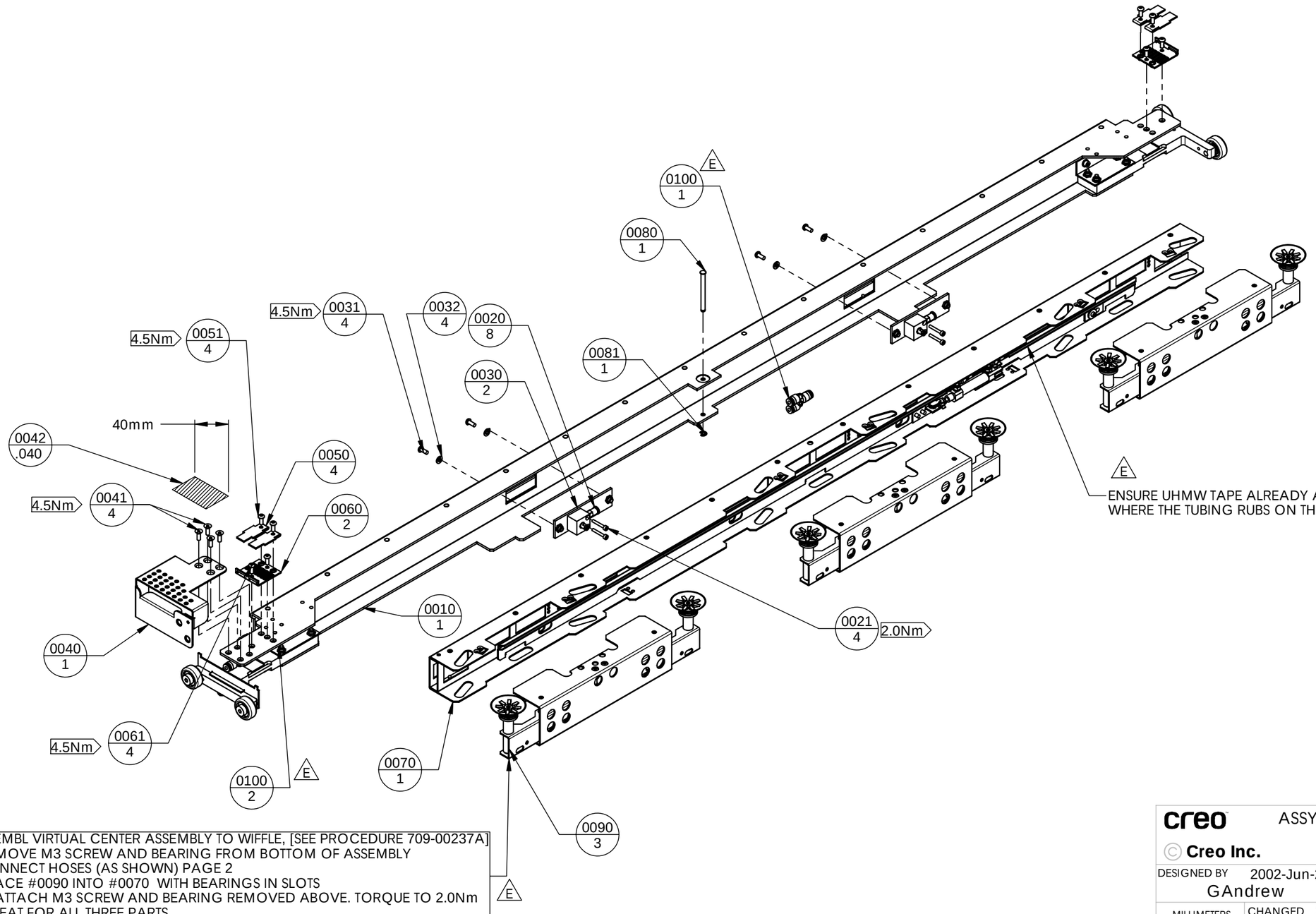
CONFIDENTIAL: PROPERTY OF CREO INC..



ENSURE UHMW TAPE ALREADY APPLIED TO THE SURFACES WHERE THE TUBING RUBS ON THE SHEETMETAL EDGES.

TO ASSEMBL VIRTUAL CENTER ASSEMBLY TO WIFFLE, [SEE PROCEDURE 709-00237A]
A) REMOVE M3 SCREW AND BEARING FROM BOTTOM OF ASSEMBLY
B) CONNECT HOSES (AS SHOWN) PAGE 2
C) PLACE #0090 INTO #0070 WITH BEARINGS IN SLOTS
D) REATTACH M3 SCREW AND BEARING REMOVED ABOVE. TORQUE TO 2.0Nm
E) REPEAT FOR ALL THREE PARTS.

E UPDATE NOTE

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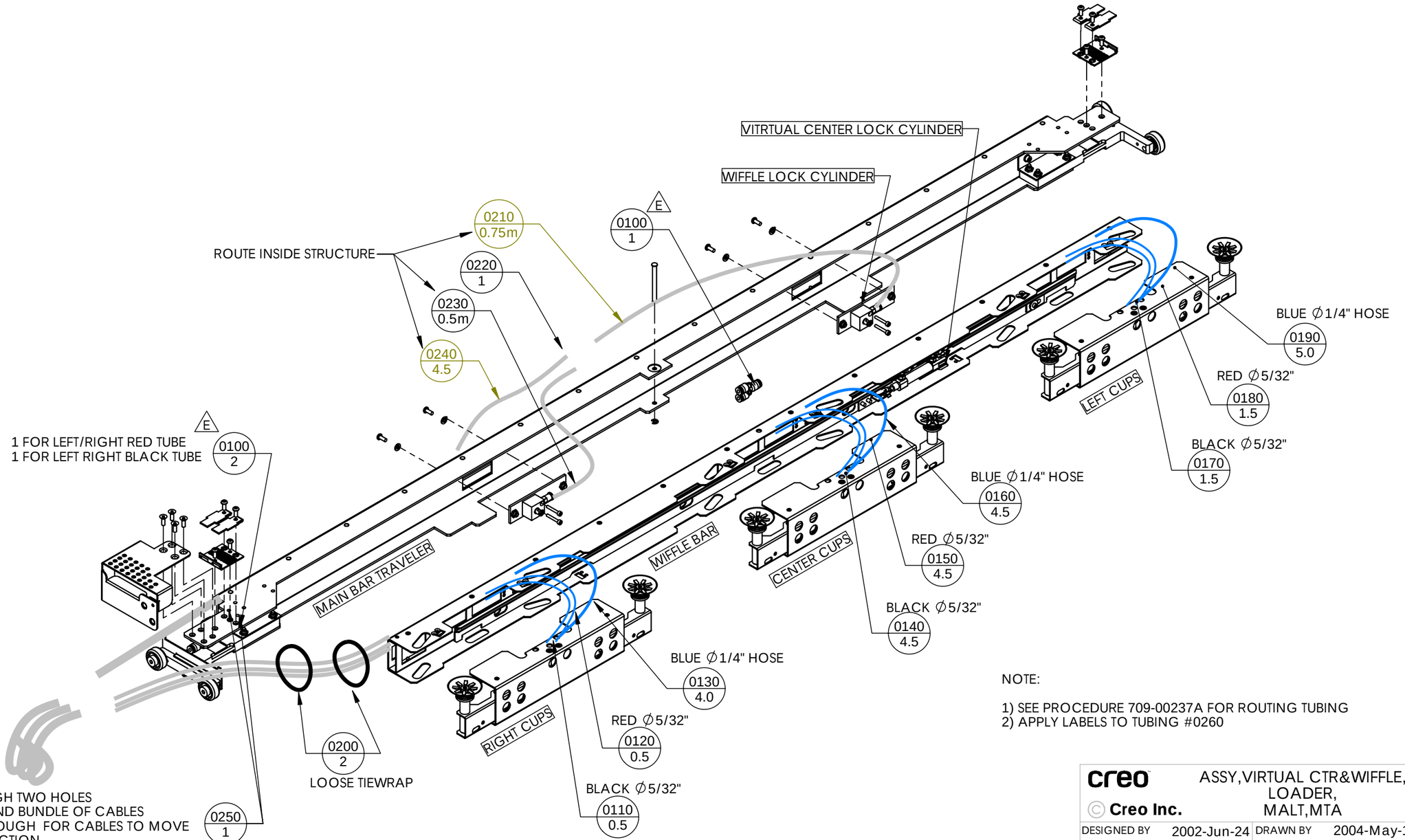
ASSY,VIRTUAL CTR&WIFFLE, LOADER, MALT,MTA

DESIGNED BY		DRAWN BY	
GAndrew	2002-Jun-24	G.ANDREW	2004-May-18

MILLIMETERS UNLESS SPECIFIED	CHANGED	SIZE	SCALE	SHEET
	2005-Mar-04 G.ANDREW	B	1:5	1

INTERPRET GD&T PER ANSI Y14.5M - 1994
THIRD ANGLE PROJECTION

CATEGORY	PART NUMBER	VER	REV	DOC TYPE	OF
500	-00108A -		E	AD	3



NOTE:

1) SEE PROCEDURE 709-00237A FOR ROUTING TUBING
2) APPLY LABELS TO TUBING #0260

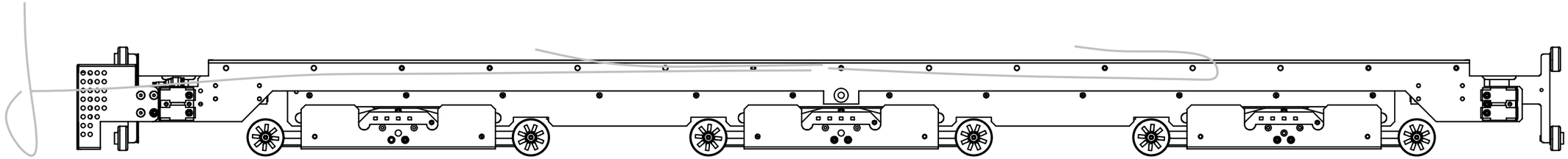
E UPDATE NOTES & ADD FITTINGS

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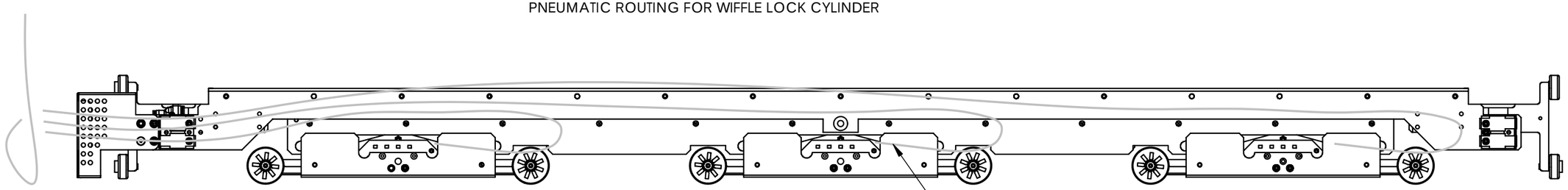
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ASSY,VIRTUAL CTR&WIFFLE, LOADER, MALT,MTA

DESIGNED BY	DRAWN BY				
GAndrew 2002-Jun-24	G.ANDREW 2004-May-18				
MILLIMETERS UNLESS SPECIFIED	CHANGED	SIZE	SCALE	SHEET	
	G.ANDREW 2005-Mar-04	B	1:5	2	
CATEGORY	PART NUMBER	VER	REV	DOC TYPE	OF
500	-00108A	-	E	AD	3

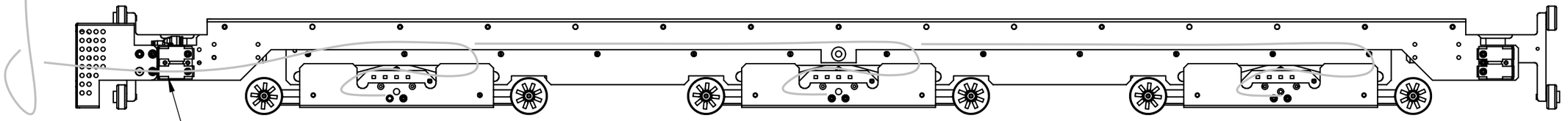


TOP VIEW
PNEUMATIC ROUTING FOR WIFFLE LOCK CYLINDER



TOP VIEW
PNEUMATIC ROUTING FOR VIRTUAL CENTER CUP VACUUM

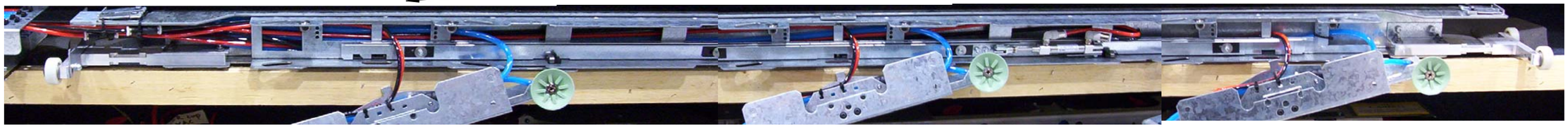
ENSURE HOSES ARE NOT CONSTRAINED TOO MUCH TO PREVENT THE VITRTUAL CENTER ACTION.
ENSURE THE HOSES ARE NOT KINKED OR IN THE WAY OF THE VACUUM CUP BAR FROM RAISING OR LOWERING.



TOP VIEW
PNEUMATIC ROUTING FOR VIRTUAL CENTER CYLINDER

ENSURE HOSES ARE NOT CONSTRAINED TOO MUCH TO PREVENT THE WIFFEL ACTION.
ENSURE THE HOSES ARE NOT CONTACTED BY THE BELT PULLEYS AT THE ENDS OF TRAVEL.

E ORDER OF HOSES FROM TOP TO BOTTOM IN THE WIFFLE BAR:
BLACK/RED/BLUE [AWAY-R]; BLACK/RED/BLUE[CENTER-C];BLACK/RED/BLUE[HOME-L]



FRONT VIEW
PNEUMATIC ROUTING FOR ALL HOSES THRU WIFFLE BAR E
[VIRTUAL CENTER ASSEMBLIES REMOVED FOR CLARITY]

E added view

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ASSY,VIRTUAL CTR&WIFFLE, LOADER, MALT,MTA

DESIGNED BY		DRAWN BY	
GAndrew	2002-Jun-24	G.ANDREW	2004-May-18

MILLIMETERS UNLESS SPECIFIED	CHANGED	SIZE	SCALE	SHEET
	2005-Mar-04 G.ANDREW	B	1:5	3

CATEGORY	PART NUMBER	VER	REV	DOC TYPE	OF
500	-00108A -		E	AD	3