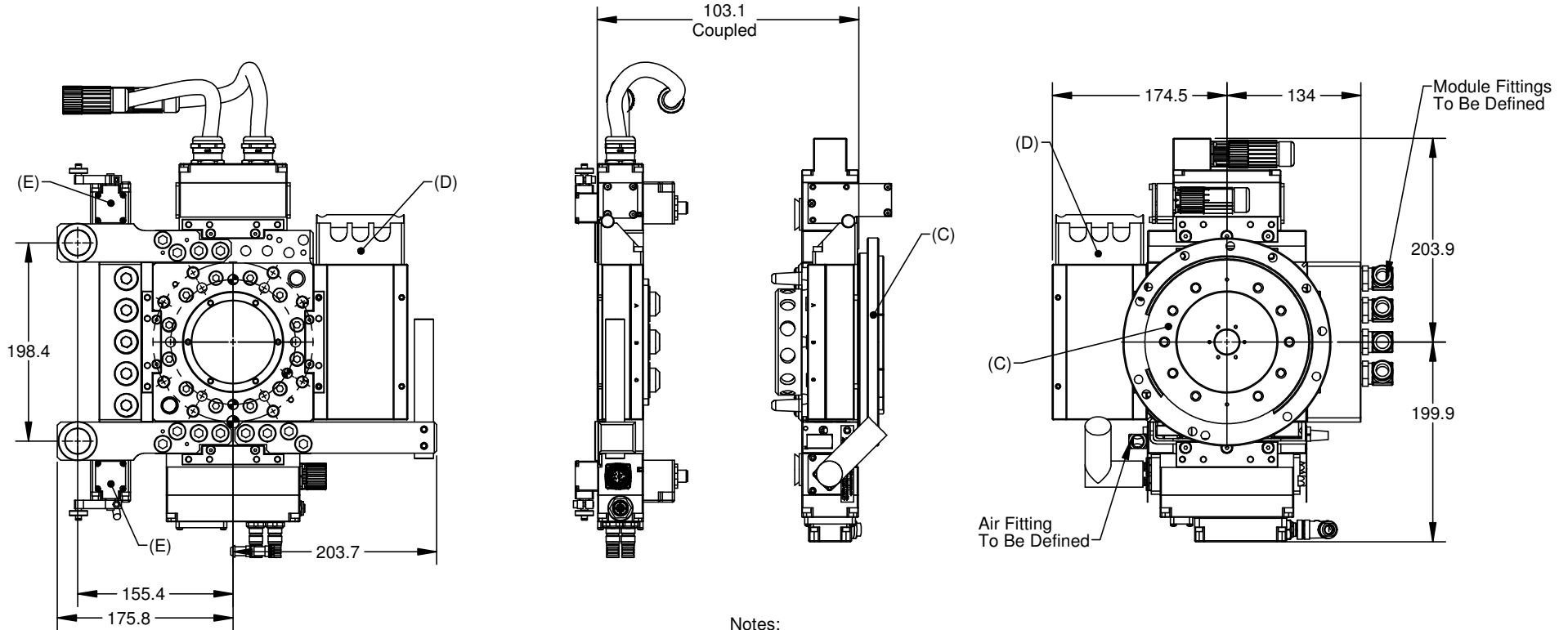


Rev.	Description	Initiator	Date
02	Drawing Update	DAN	6/29/2012



PART NUMBERS:
 (A) 9121-210AM-JR2DL6-PA2-JJ6EF22-FF4-SM
 Master Side QC-210 Configured Assembly

(B) 9121-210CTZK1-DL6-PA2-EF22-FF4
 Tool Side QC-210 Configured Assembly

(C) 9121-210M-IP-7688
 QC-210 Series IP BC 192, (12)M8, Boss 172h6 Dowel M8

(D) 9005-20-2010
 Weld Cable Fitting Plate Assembly, 90 Degree Special

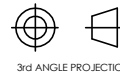
(E) 9005-20-1165
 TSL Safety Switch and Connector Assembly

Notes:

1. See 9230-20-3844 for Tool Side Nest Interface Details
2. See corresponding module 9630 drawings for specific details.
3. See 9230-20-3857 for robot flange interface details.
4. See Sheet 2 for Master Side Interface Views
5. See Sheet 3 for Tool Side Interface Views

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING.
 ALL DIMENSIONS ARE IN MILLIMETERS.

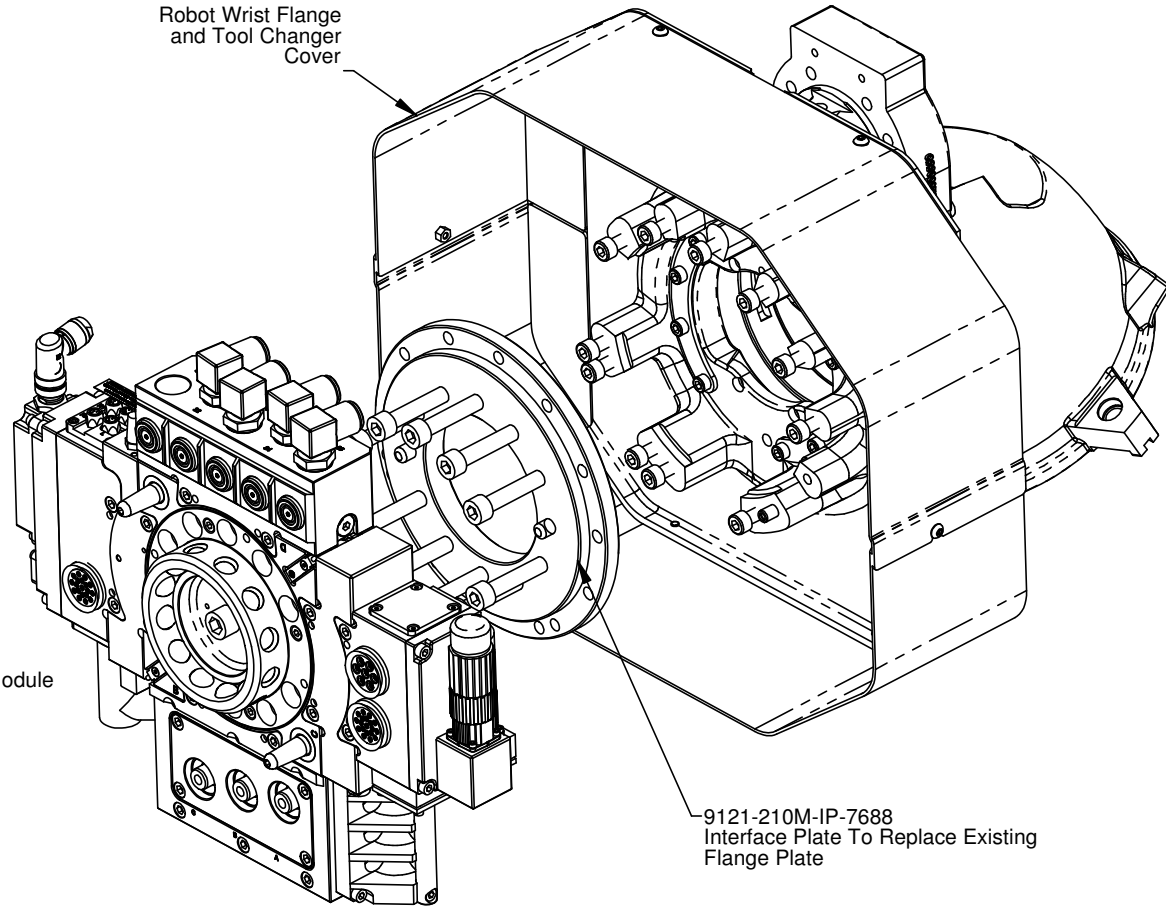
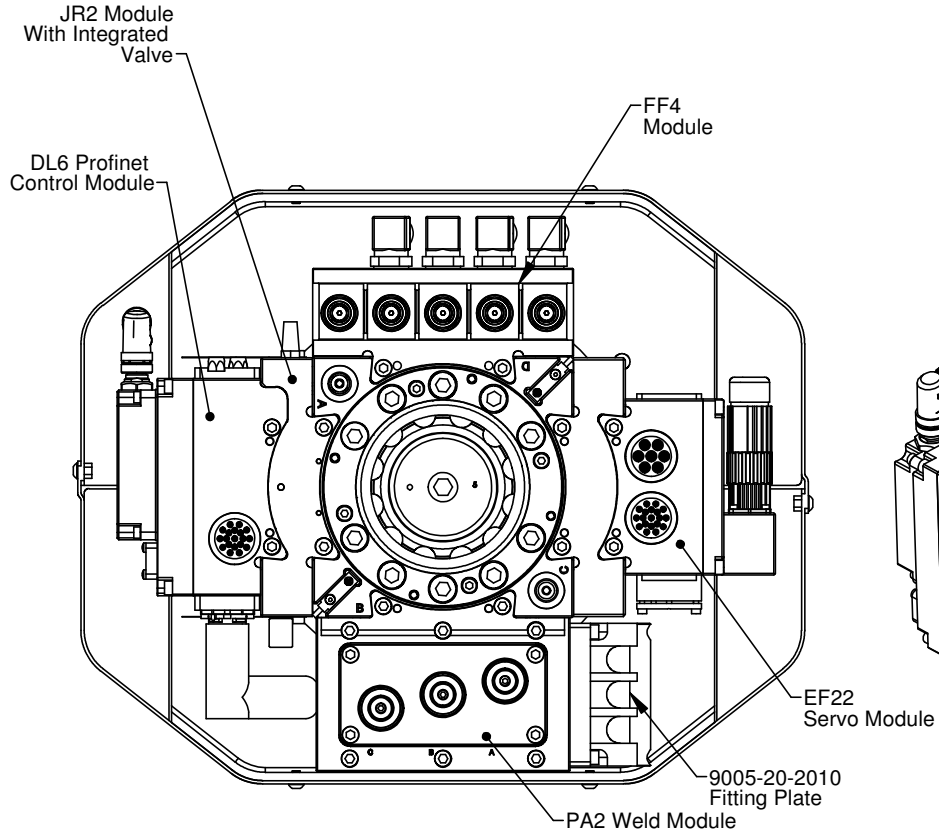


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CHECKED BY: -		QC-210 Hollow Wrist Arrangement	
PROJECT # 120516-1	SHEET 1 OF 3	SCALE 1:4	SIZE B
		DRAWING NUMBER 9230-20-3822	REVISION 02

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-	See Sheet1	-	-



MASTER SIDE TOOL CHANGER VIEWS

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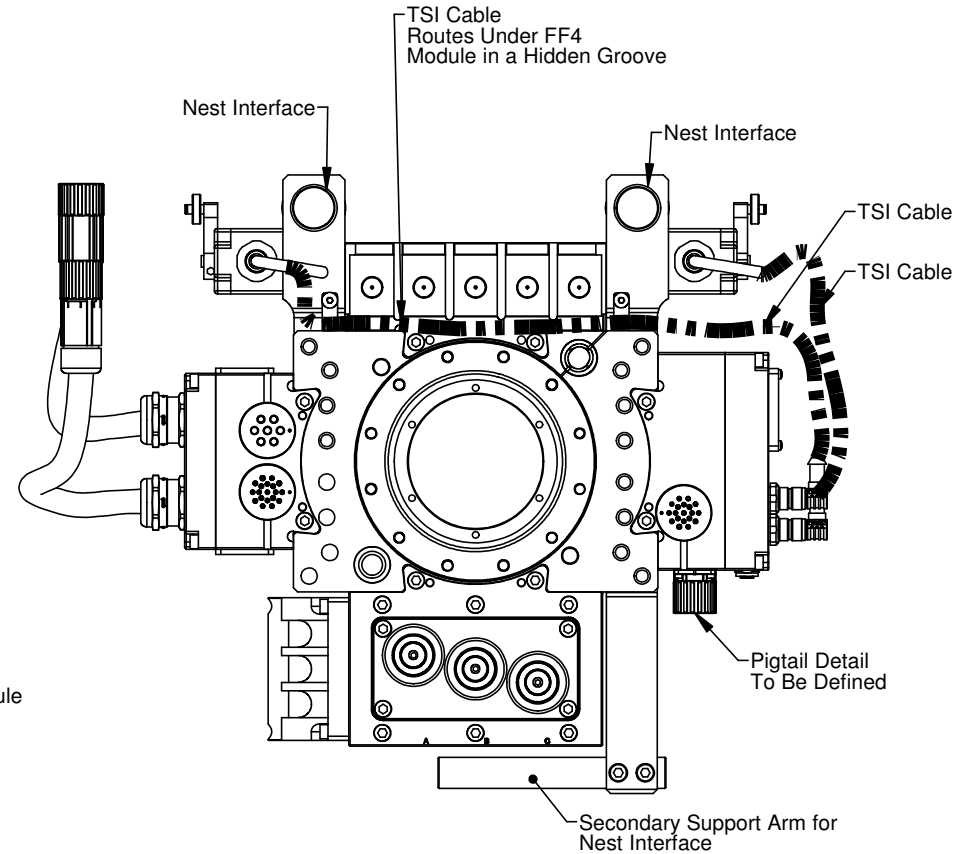
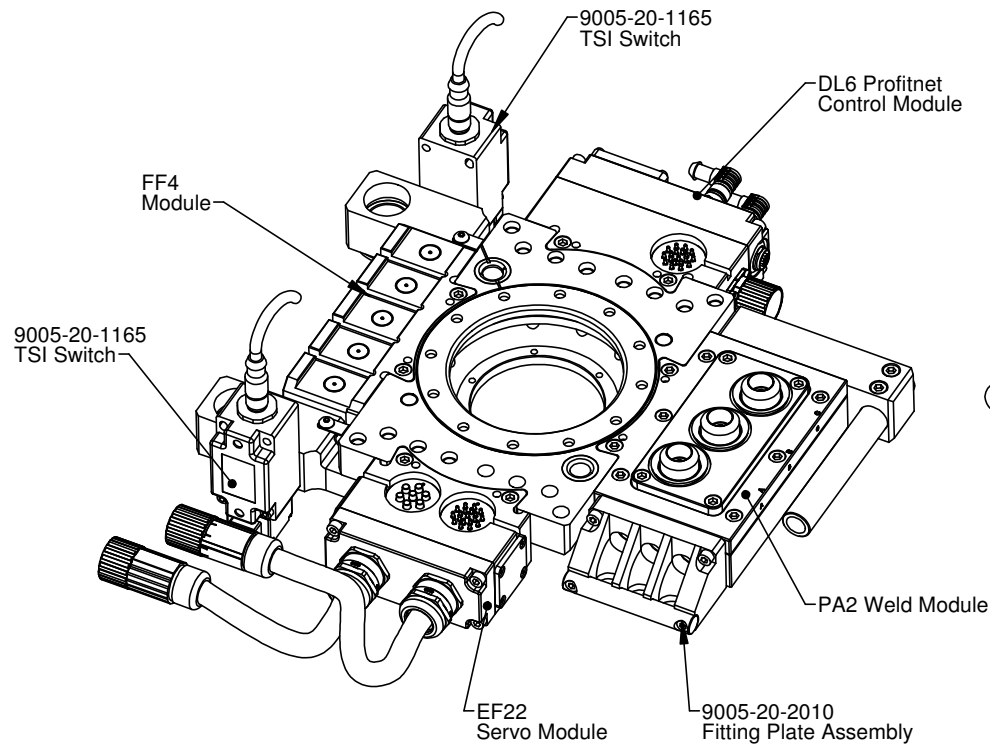


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PROJECT # 120516-1 SHEET 2 OF 3	SCALE 1:3	SIZE B	DRAWING NUMBER 9230-20-3822
			REVISION 02

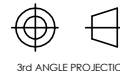
Rev.	Description	Initiator	Date
-	See Sheet1	-	-



TOOL SIDE TOOL CHANGER VIEWS

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3rd ANGLE PROJECTION



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CHECKED BY: -					
PROJECT # 120516-1 SHEET 3 OF 3		SCALE 1:3	SIZE B	DRAWING NUMBER 9230-20-3822	REVISION 02