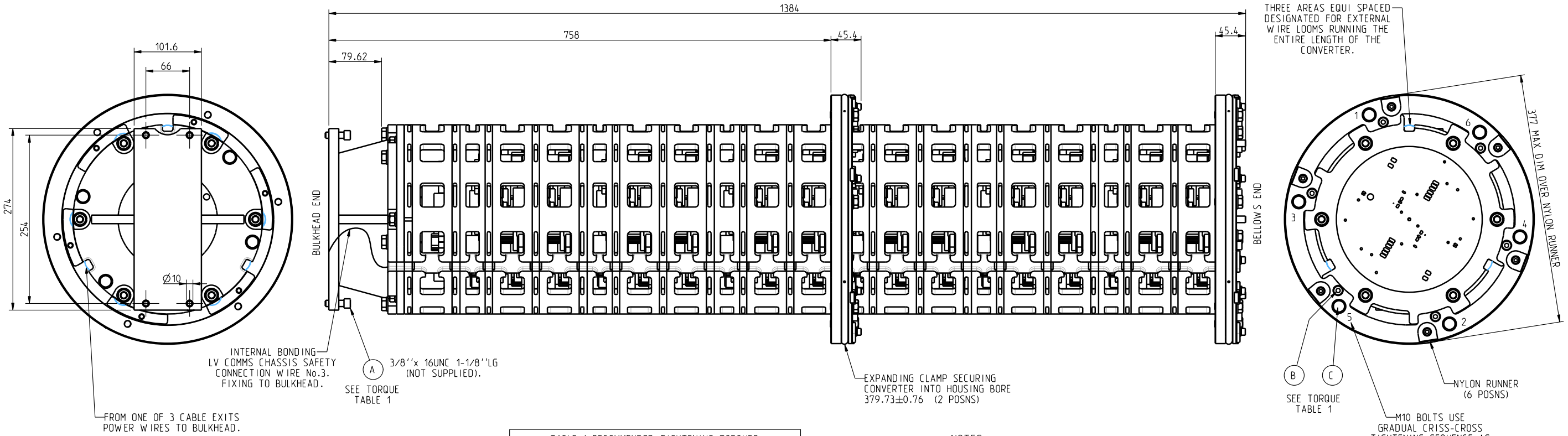

TABLE 1 RECOMMENDED TIGHTENING TORQUES				
FIXING	SCREW SIZE	Nm	in lbs	ft lbs
A	3/8 x 16UNC	26.6	236	19.667
B	M8 x 20	35	310	25.833
*C	M10 x 35	50	442.8	36.9

*C - M10 BOLTS USE CRISS-CROSS TIGHTING SEQUENCE
SEE END VIEW

NOTES
1. ESTIMATED MASS 73KgS (160LBS)
2. ESTIMATED VOLUMETRIC DISPLACEMENT 32 LITRES.
3. UNIT TO BE PACKED. TRANSPORTED. UNPACKED AND HANDLED IN ACCORDANCE WITH A PRODUCTION PERMIT.
4. EXPANDING RING TORQUES SEE TABLE 1.
5. ELECTRICAL CONNECTIONS SEE TABLE 2.
6. UNIT SUPPLIED WITH 1M CABLE TAILS.

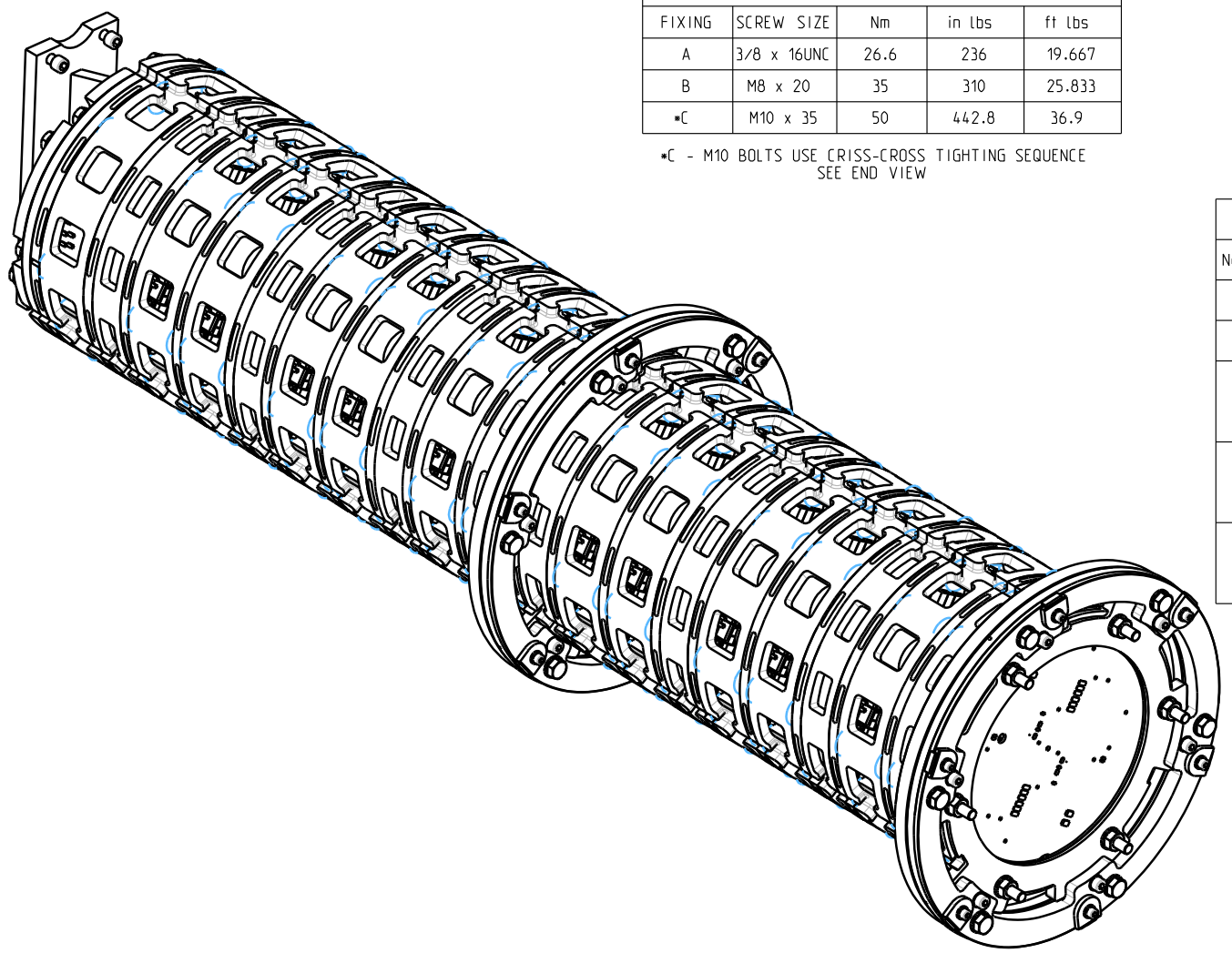

TABLE 2 ELECTRICAL CONNECTIONS					
No LABEL	NAME	TYPE	MANUFACTURES CODE	COLOUR	CONDUCTORS
1	-10kV	HIGH VOLTAGE 18kV 2A ALCATEL CODE 93WMB11081AAF.	GORE TYPE F02A080	WHITE	1
2	SEA GND	HIGH VOLTAGE 18kV 2A ALCATEL CODE 93WMB11081AAF.	GORE TYPE F02A080	WHITE	1
*3	LV COMMS CHASSIS SAFETY	400V 25A ALCATEL CODE 29M0000106MDV	HEAD BRAIDING 7/0.164	GOLD PLATED	2
		SLEEVING	HILLFLEX TYPE 942-2-0-SP	BLACK	
4	+200V O/P	400V 25A ALCATEL CODE 29M0000106MDV	HEAD BRAIDING 7/0.164	GOLD PLATED	6
		SLEEVING	HILLFLEX TYPE 942-2-0-SP	BLACK	
5	-200V O/P	400V 25A ALCATEL CODE 29M0000106MDV	HEAD BRAIDING 7/0.164	GOLD PLATED	6
		SLEEVING	HILLFLEX TYPE 942-2-0-SP	BLACK	

IMPORTANT CABLE INFORMATION:-
*3 THIS CONNECTION IS ESSENTIAL FOR HIGH VOLTAGE SAFETY.
CABLE IDENTIFYING LABELS TO BE REMOVED PRIOR TO HOUSING.

DIFFERENCES:
REFERENCES: FIRST USED ON MARS; ORIGINATING REF No 72530
DERIVED FROM:-
MATERIAL: /
FINISH: /
GEN. TOL. +/- / Holes +/- / Ang +/- /
SCALE 33:100

ED	DATE		
B	06/08/14		
CHANGE NOTE	/		
APPRA. AUTHO.	SNWGH		
ORIGINATOR	SNWGH		

GREENWICH (UK)	DRAWN	ENG	CHECKED	TECH. APPR.	LE. APPR.	CHECKED
	RT	R.T.	R.J.	/	/	

TITLE: MARS MVC ICD.

DIMENSIONS IN MILLIMETRES
CODE 29DDE00800AHS 3.N SHT No. 1 / 1
DRG REV:- 1 DRG VER:- 18
DRG OF MODEL AAECJ01800AAA MODEL ISSUE A
DISTRIBUTION:- R1
RELEASE LEVEL:- Product Definition

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