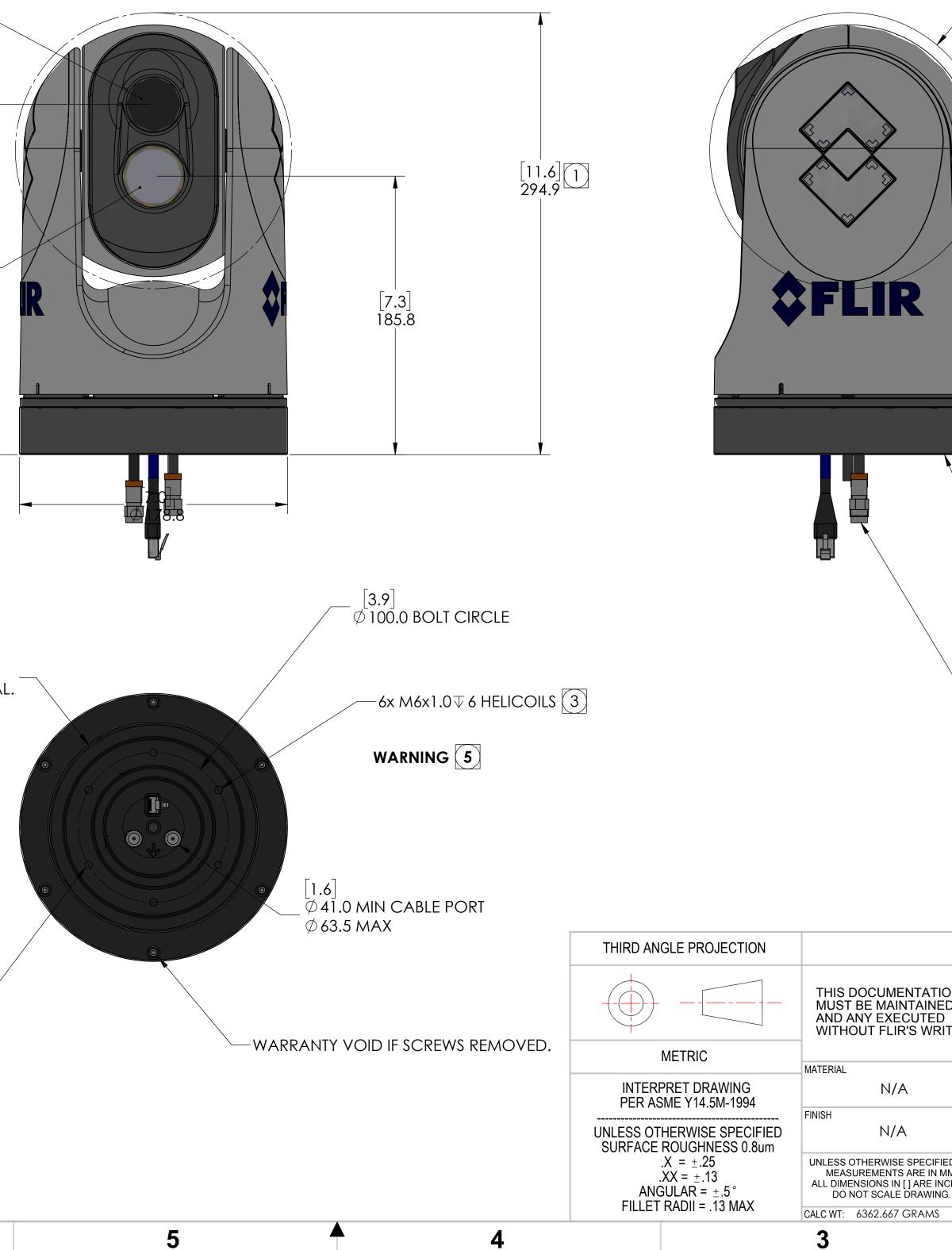
	8	7	6
	NOTES: UNLESS OTHERWIS	E SPECIFIED	
	1 CLEARANCE REQUIRED FC	DR FREE MOTION OF SYSTEM.	
D	<ul> <li>MOUNTING SURFACE FLA DIAMETER REQUIRED FOR IRREGULAR SURFACES, US</li> <li>USE WITH FLIR MOUNTING 4115301 HARDWARE KIT - 500-0399-00 TOP DOWN R</li> <li>USE LOCTITE 242 WITH ALL CONNECTIONS.</li> <li>WARNING</li> </ul>	ISER INSTALLATION KIT METAL TO METAL THREADED	Ð.
	DO NOT BOTTOM FASTENE BOLT LENGTH NOT TO EXCE ELECTRONICS WILL BE DAM BOLT TORQUE NOT TO EXC	ED 6mm INTO BASE NAGED BY BASE PENETRATION - VOIDING W/	ARRANTY.
			IR CAMERA
С			
			[9.2] VISIBLE CAMERA
			233.8
			Y
В			
			otin 145.0 MIN BASE PLATE DIAMETER FOR EFFECTIVE O-RING SEAL.
			IMPORTANT: CHASSIS GROUND SHALL BE TIED TO ONE MOUNTING FASTENER
			FOR HIGH CONDUCTIVE PATH TO VESSEL GROUND. MAX 0.25Ω.
Α			
	Q	7	6

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M-SERIES DUAL PAYLOAD



		CLI	RE//	
DWG NO.	432-0003-XX-19	<sup>SH</sup> 1	REV	В

AS568A-427 EP O-RING [4.75in ID x 0.25in DIA. EP] 120mm ID x 7mm DIA. EP

[7.3] Ø184.4

AS568A-334 EP O-RING [2.63in ID x 0.19in DIA. EP] 67mm ID x 5mm DIA. EP

### -CABLES SHOWN FOR REFERENCE ONLY. NOT TO SCALE, NOR CORRECT LENGTH.

381 ±25mm [15±1in] POWER CABLE, UNTERMINATED TINNED 18AWG WIRE. 457 ±25mm [18±1in] NETWORK CABLE, RJ45 T568B, MALE. 533 ±25mm [21±1in] IR VIDEO CABLE, F-TYPE MALE. 584 ±25mm [23±1in] SWITCHED (IR OR VIS) VIDEO CABLE, F-TYPE MALE.

PROPRIETARY - FLIR SYSTEMS, INC.

THIS DOCUMENTATION CONTAINS PROPRIETARY INFORMATION TO FLIR SYSTEMS, INC. THIS INFORMATION MUST BE MAINTAINED IN CONFIDENCE AND USED ONLY IN A MANNER CONSISTENT WITH THE DOCUMENTATION AND ANY EXECUTED NON DISCLOSURE AGREEMENT, AND MAY NOT BE DISCLOSED TO ANY THIRD PARTIES WITHOUT FLIR'S WRITTEN CONSENT.

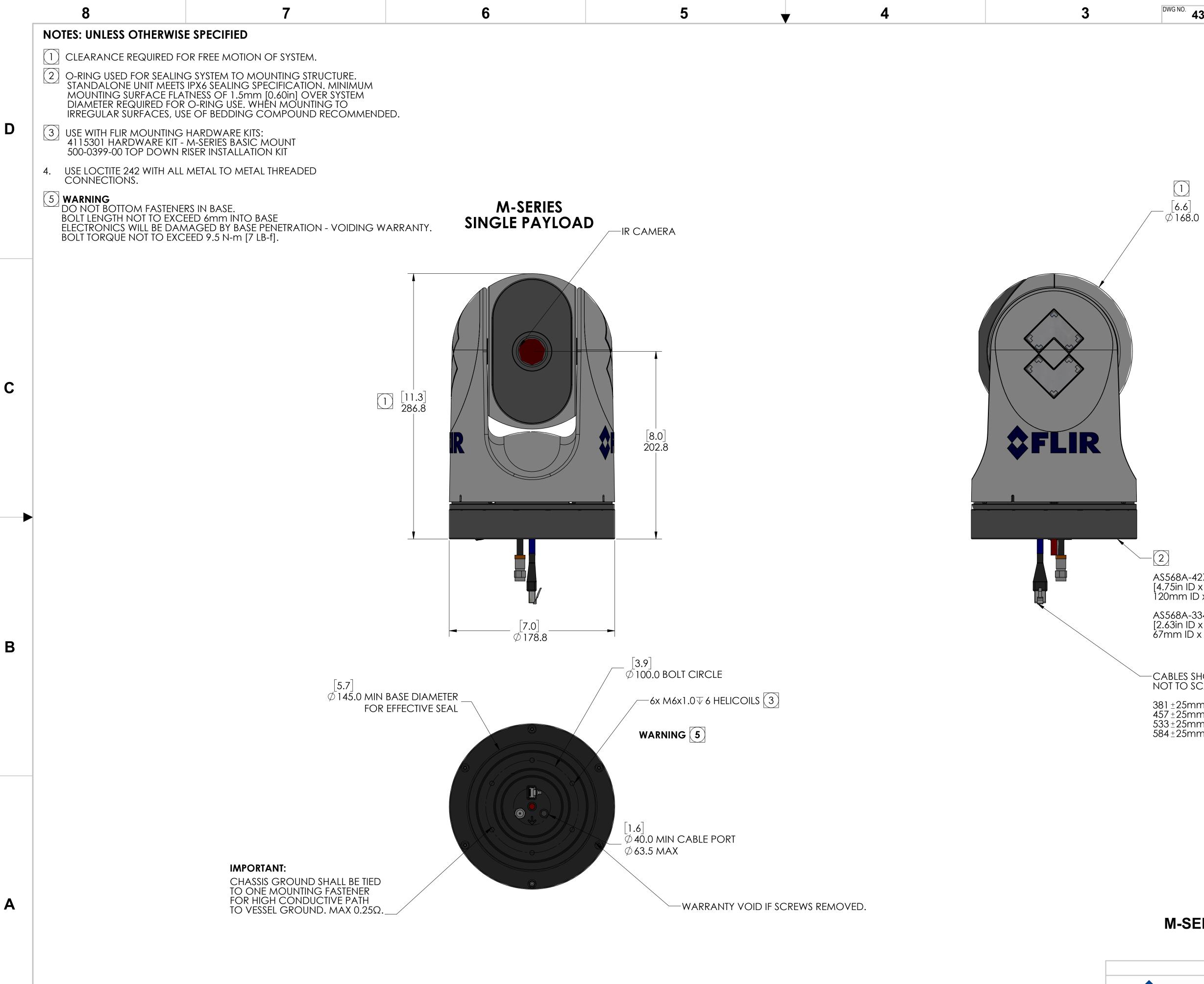
	PROJECT NO.				FLI		FLIR 6769	Systems. Hollister	, Inc. Drive		
	APPROVALS	DATE						a, CA 93			
	DWN M. COSLEY	05/09/2017				SING				7 A I	ΟΔΓ
	СНК		/•			5110	/	DUA			
IED ALL	<sup>DSGN</sup> M. COSLEY	05/09/2017	7 SIZE	CAGE							
MM. NCHES. IG.	ENG		D		64Y2	DWG NO.	32-(	)003	-X)	(-1	<b>9 B</b>
;	APP		SCAL	E 1:5	PRINTE	D: 5/25/2	2017	SHEET	1	OF	11
		2	SOLID	VORKS MOD	EL: 432-000	3-XX-YY Pel	agic M	-Series IC	D, Sing	le ar	nd Dual Po

3NO. 432-0003-XX-19 SH 1 REV

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# **M-SERIES ICD, SINGLE / DUAL PAYLOAD**

						ME	TRIC
	PROPRIETARY	/ - FLI	R SYSTEMS, INC				
FI	FLIR Systems, Inc. 70 Castilian Drive Goleta, CA 93117	size D	<sup>CAGE</sup> 064Y2	PIECE PART 432-0	003-XX	-19	REV <b>B</b>
	Goleta, CA 93117	SCAL	E 1:33.3 PRINTE	D: 5/25/2017	SHEET 2	OF	11
	2	SOLIDV MODEL	VORKS MODEL: 432-000 REVISON: B	3-XX-YY Pelagic M-Serie	s ICD, Single and au	al Payload	l

381 ±25mm [15±1in] POWER CABLE, UNTERMINATED TINNED 18AWG WIRE. 457 ±25mm [18±1in] NETWORK CABLE, RJ45 T568B, MALE. 533 ±25mm [21±1in] IR VIDEO CABLE, F-TYPE MALE. 584 ±25mm [23±1in] SWITCHED (IR OR VIS) VIDEO CABLE, F-TYPE MALE.

-CABLES SHOWN FOR REFERENCE ONLY. NOT TO SCALE, NOR CORRECT LENGTH.

AS568A-427 EP O-RING [4.75in ID x 0.25in DIA. EP] 120mm ID x 7mm DIA. EP AS568A-334 EP O-RING [2.63in ID x 0.19in DIA. EP] 67mm ID x 5mm DIA. EP

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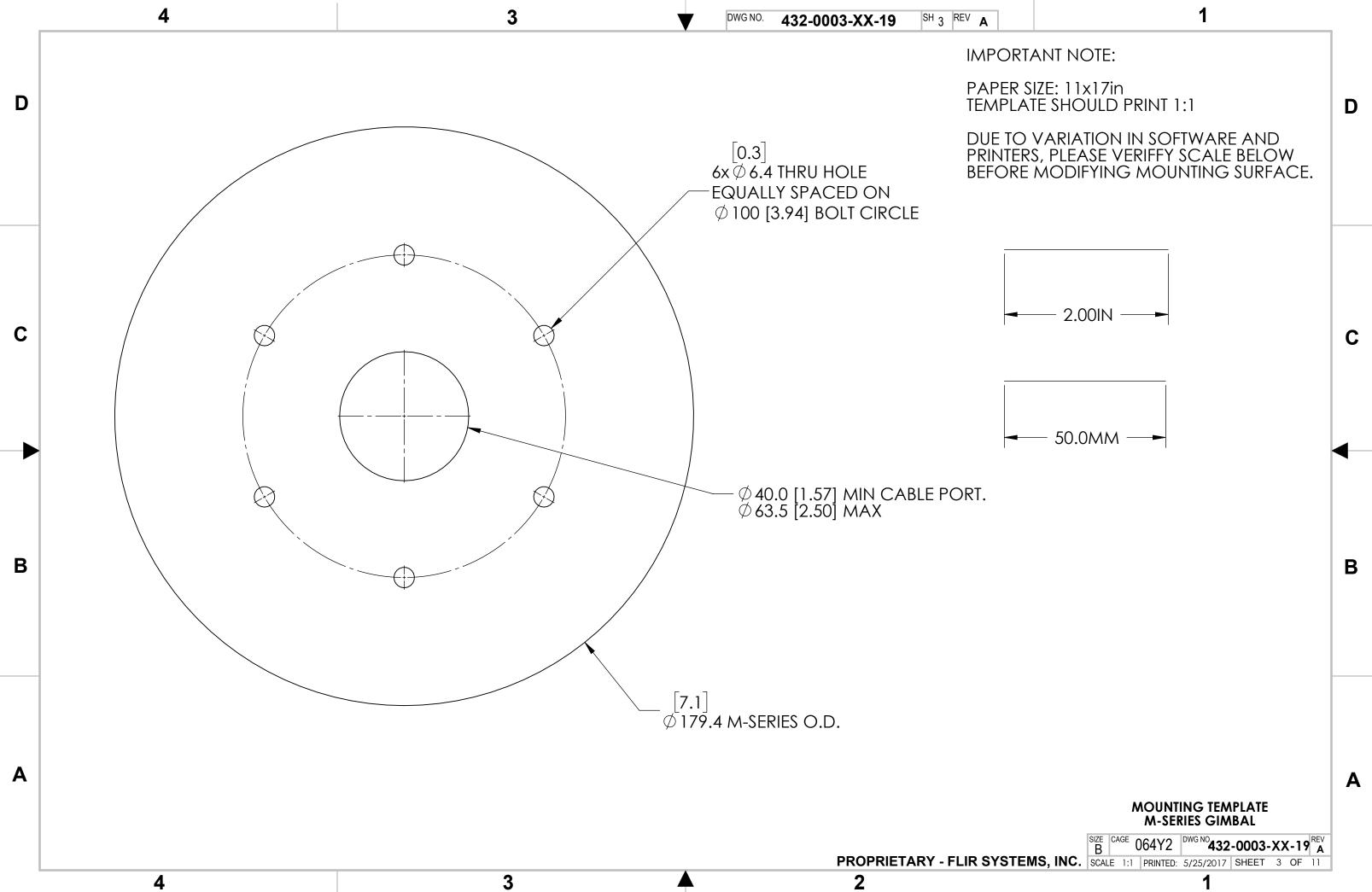
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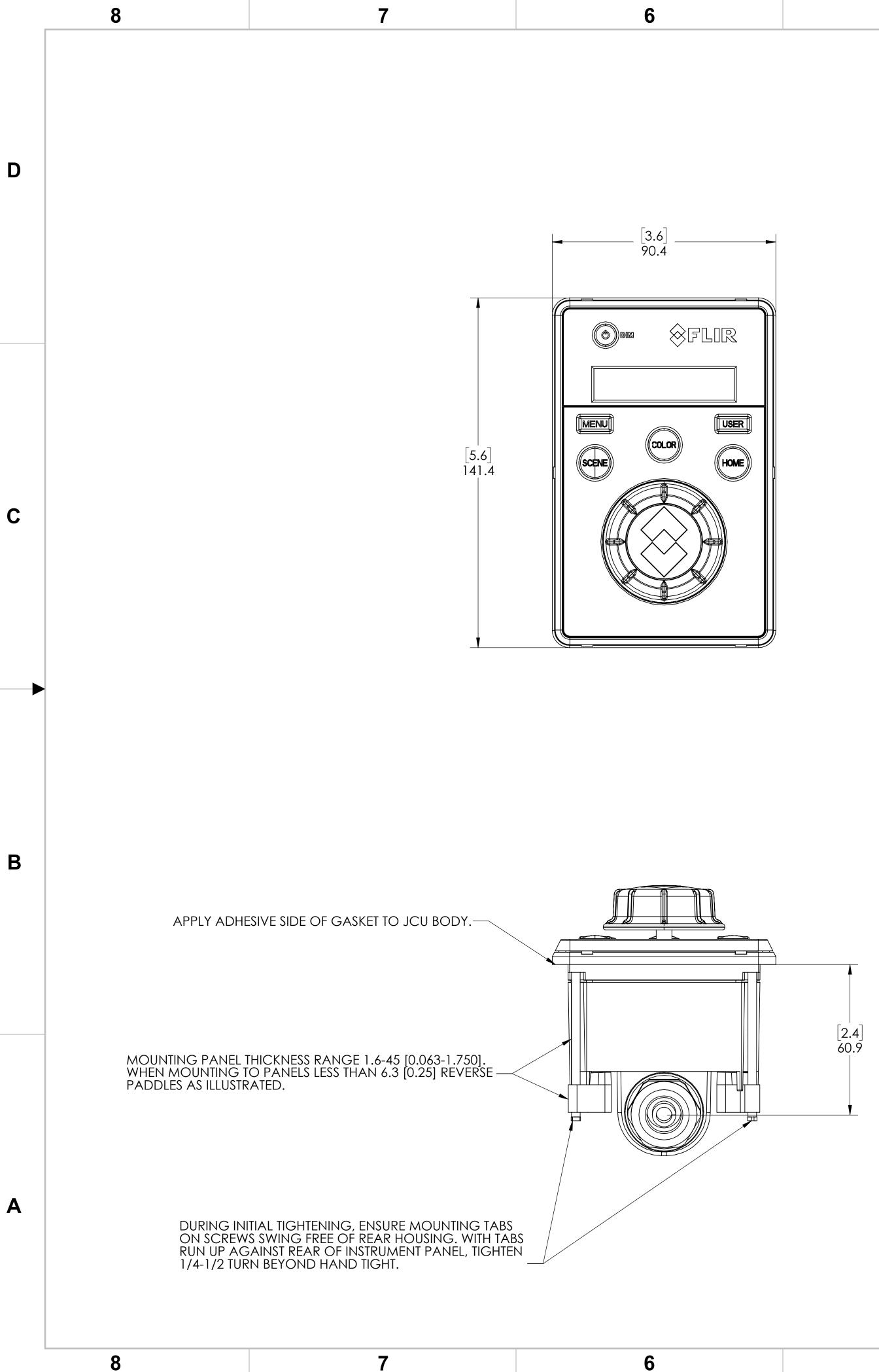
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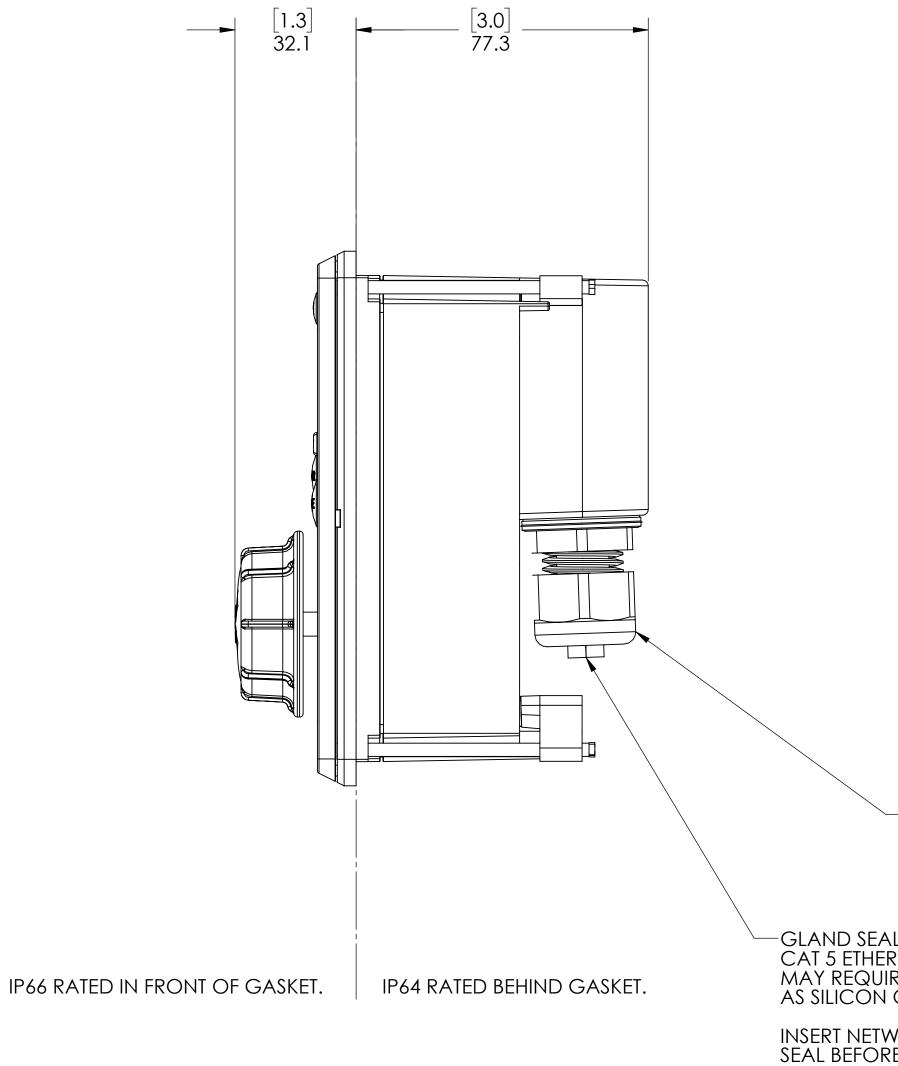




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-WITH CABLE INSTALLED, TURN NUT	
1/4 TURN BEYOND HAND TIGHT.	

-GLAND SEAL DESIGNED FOR USE WITH DOUBLE SHIELDED CAT 5 ETHERNET CABLE. USE OF SINGLE SHIELDED CABLE MAY REQUIRE THE USE OF ADDITIONAL SEALANT SUCH AS SILICON OR RTV TO ENSURE SEALING OF ENCLOSURE.

INSERT NETWORK CABLE RJ45 THROUGH GLAND NUT AND SEAL BEFORE INSTALLING.

## JOYSTICK CONTROL UNIT - MARITIME, MULTI

							ME	TRIC
	PROPRIETARY	/ - FLI	R SYSTE	EMS, INC				
FIIR	FLIR Systems, Inc. 70 Castilian Drive Goleta, CA 93117	size D	CAGE 06	64Y2	PIECE PART 432-	0003-XX	-19	REV <b>B</b>
	Goleta, CA 93117	SCAL	E 1:1	PRINTE	D: 5/25/2017	SHEET 4	OF	11
	2	SOLIDW MODEL	/ORKS MOD REVISON: E	EL: 432-0003	-XX-YY Pelagic M-Se	ries ICD, Single and	ual Payload	t

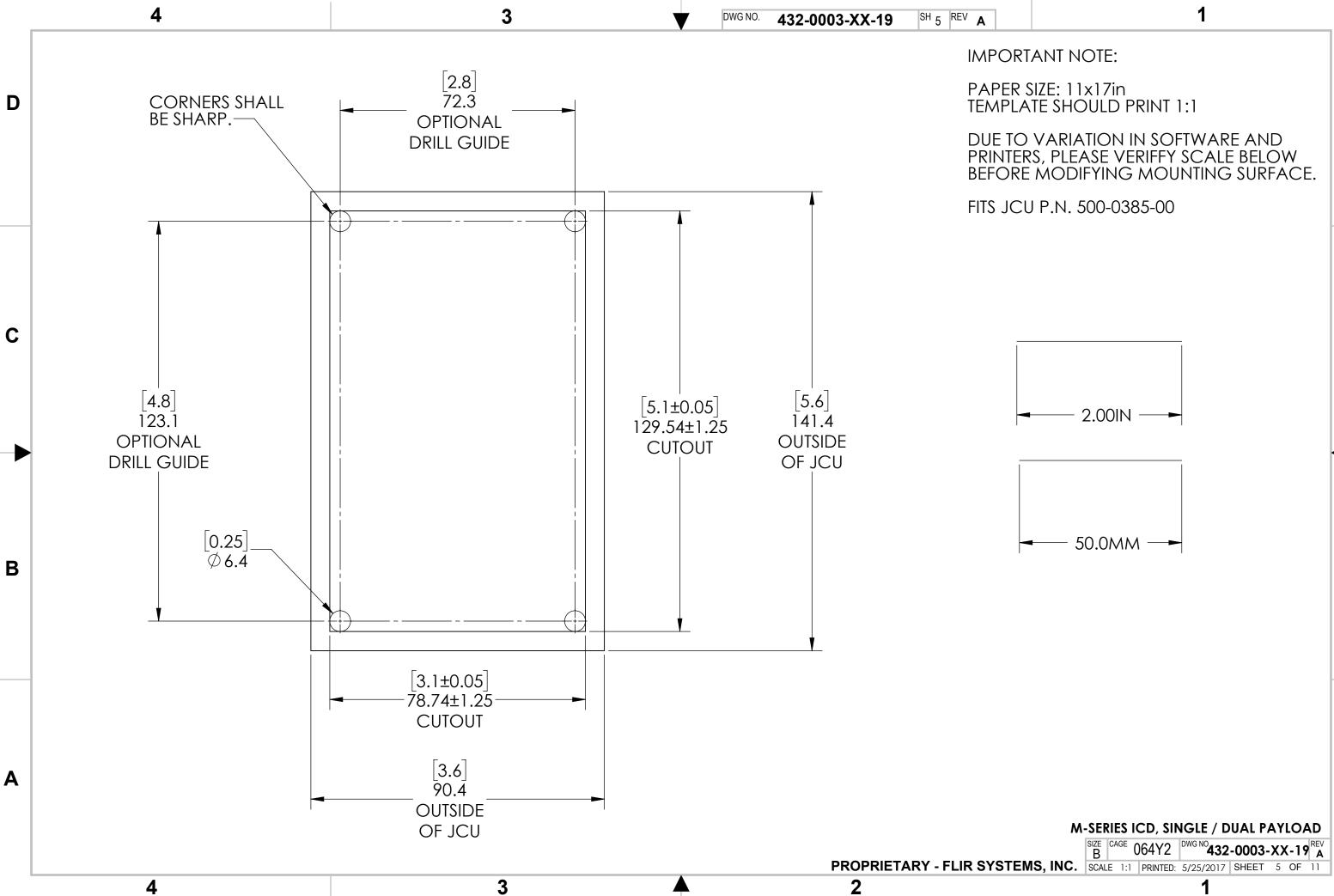
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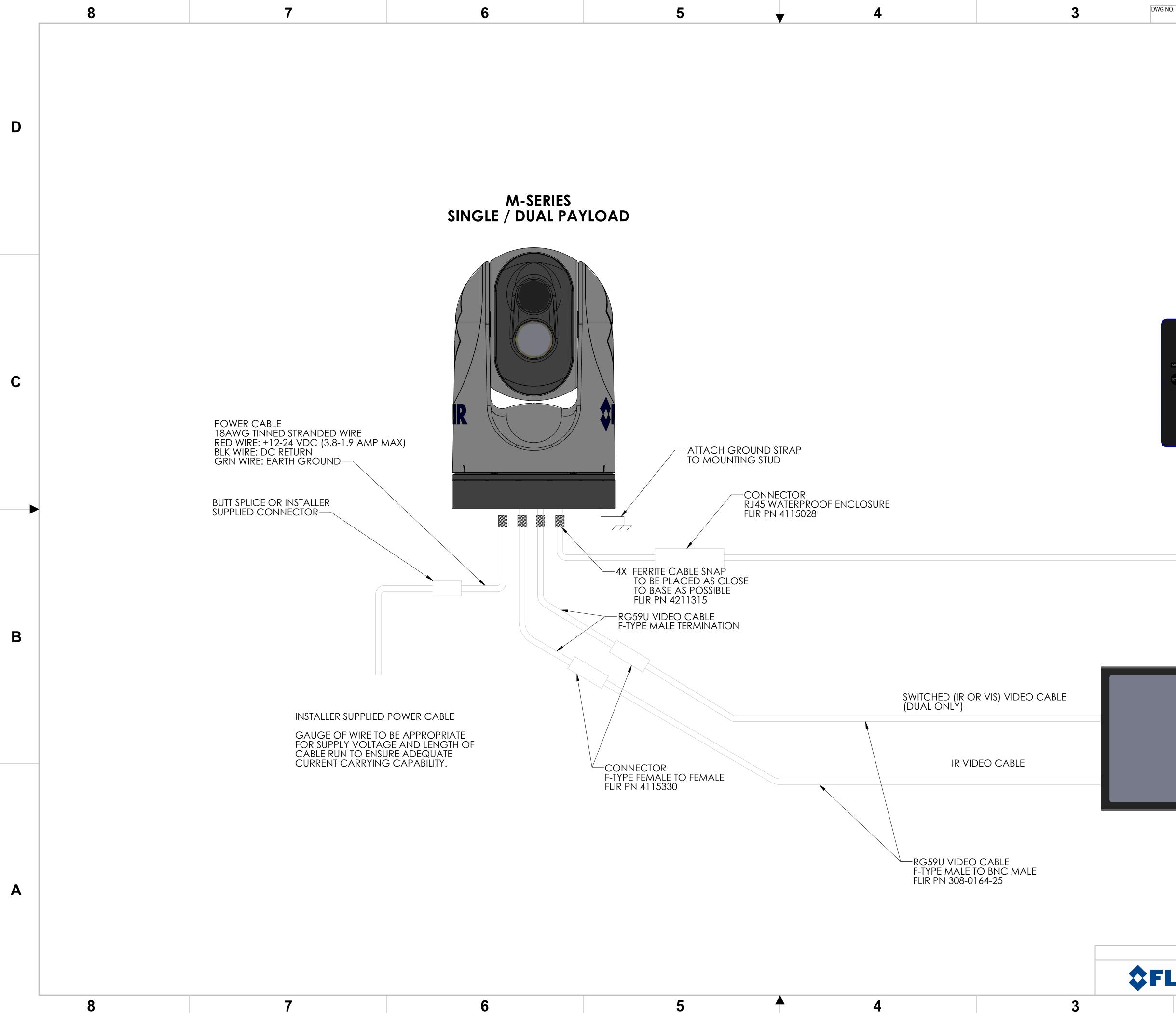


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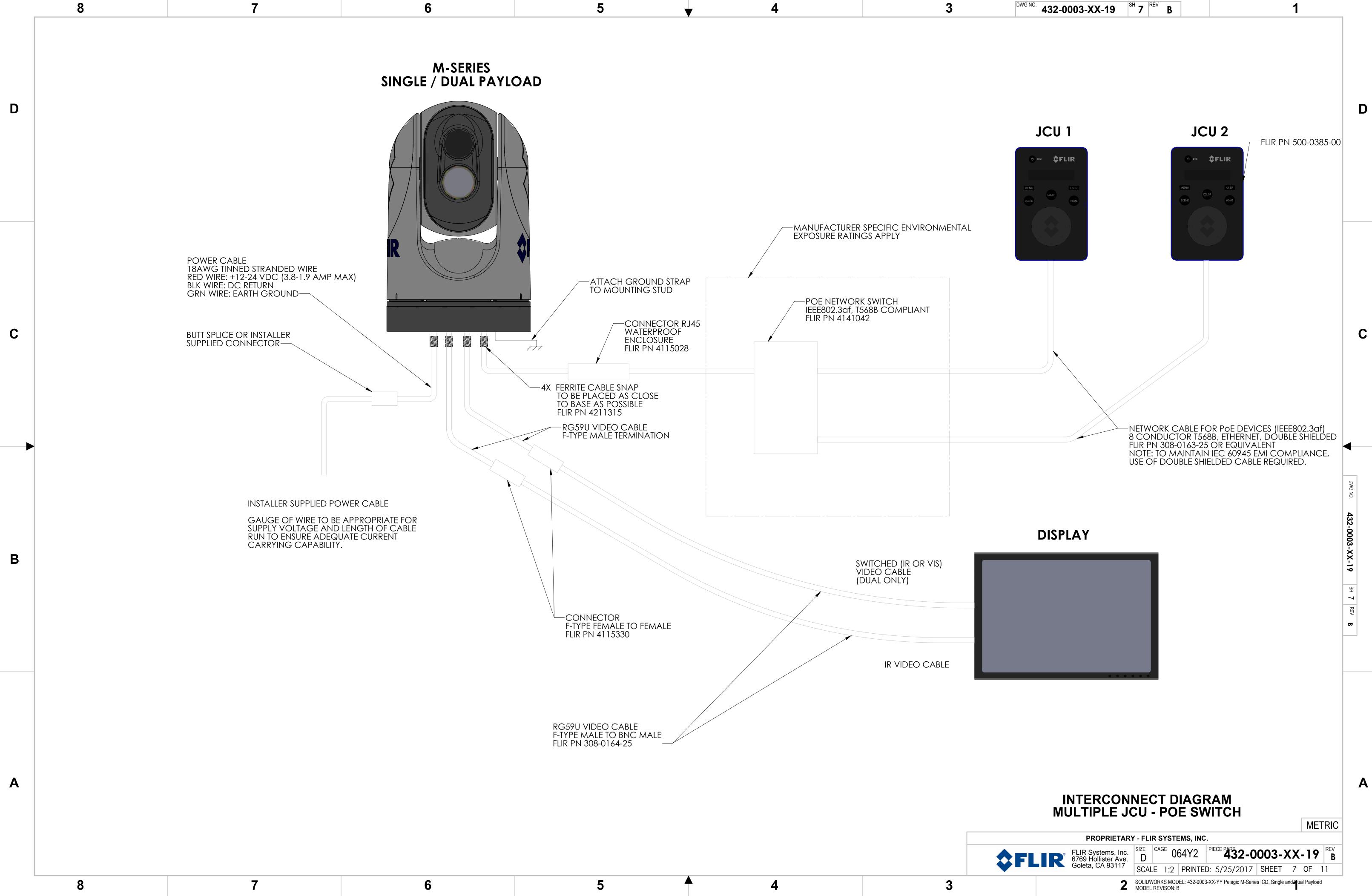
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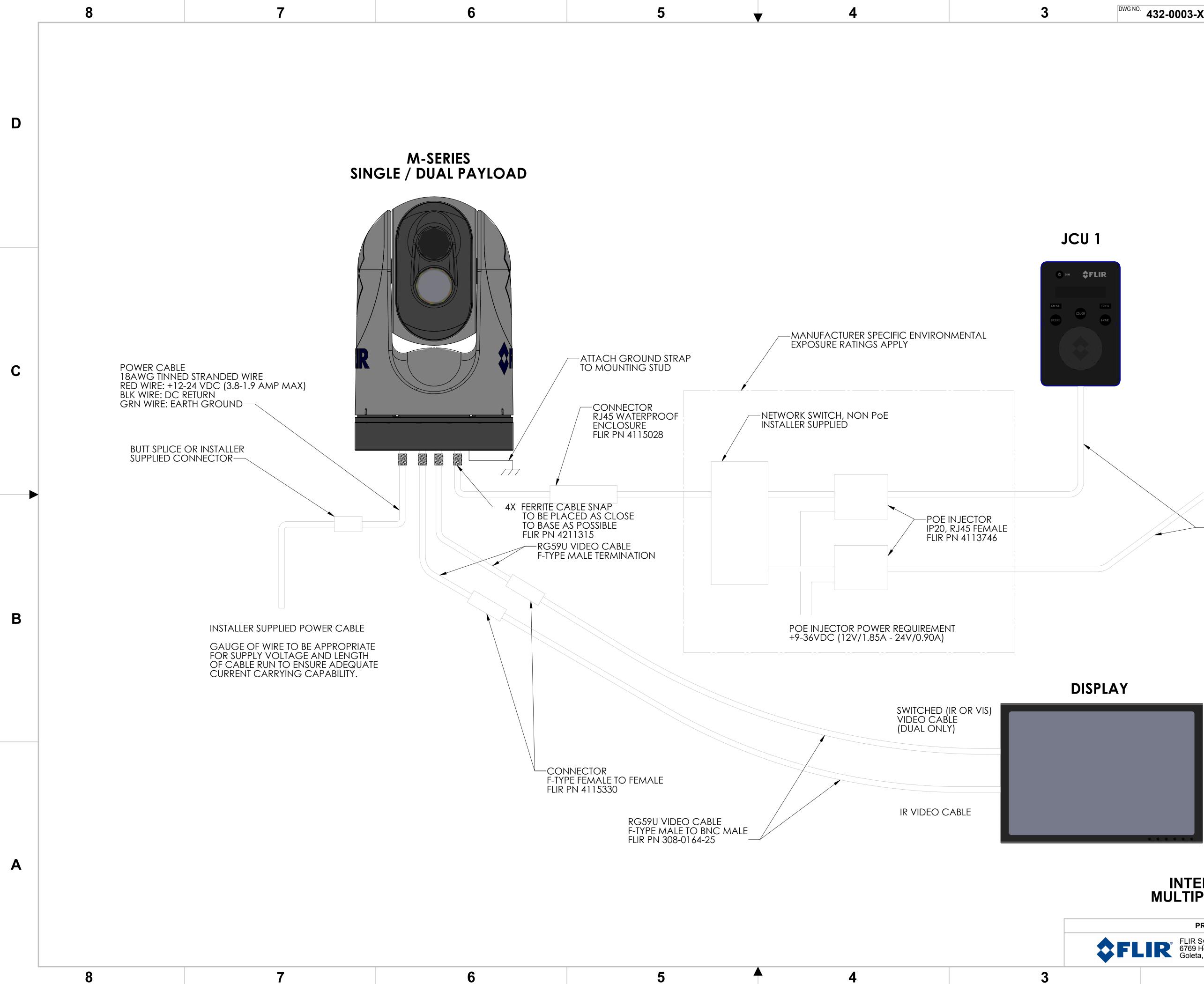
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JCU	■ DWG NO. 432-0003-XX-19
INTERCONNECT DIAGRAM SINGLE JCU METRIC PROPRIETARY - FLIR SYSTEMS, INC. FLIR Systems, Inc. FLIR Systems, Inc. FLIR Systems, Inc. Codeta, CA 93117 SCALE 1:2 PRINTED: 5/25/2017 SHEET 6 OF 11	SH FEV B
2 SOLIDWORKS MODEL: 432-0003-XX-YY Pelagic M-Series ICD, Single and Jual Payload MODEL REVISON: B	

432-0003-XX-19 SH 6 REV B





DWG NO. 432-0003-XX-19 SH 8 REV
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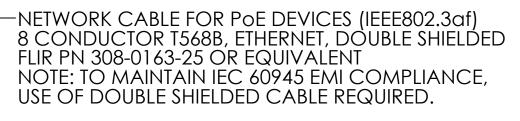
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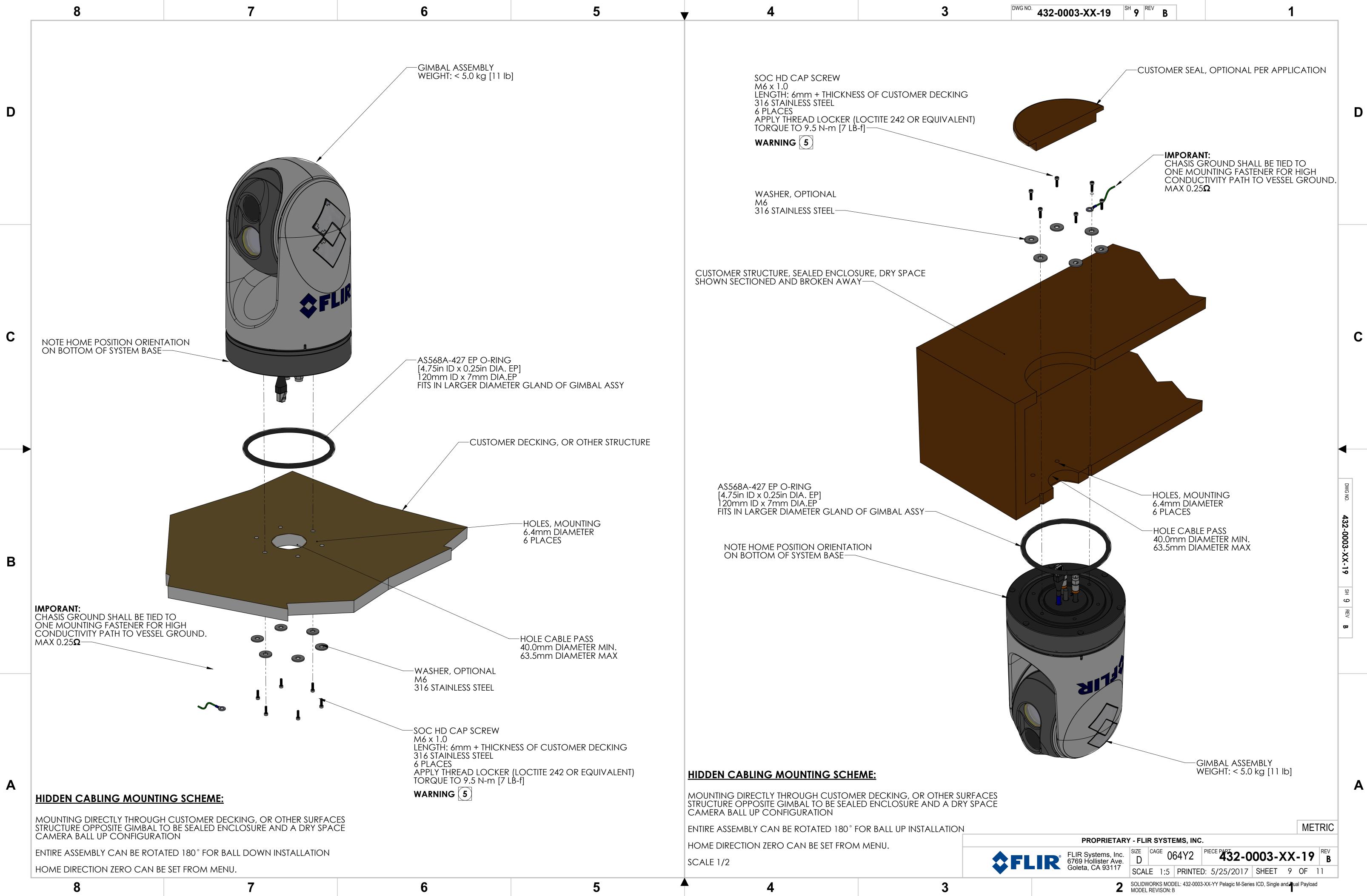
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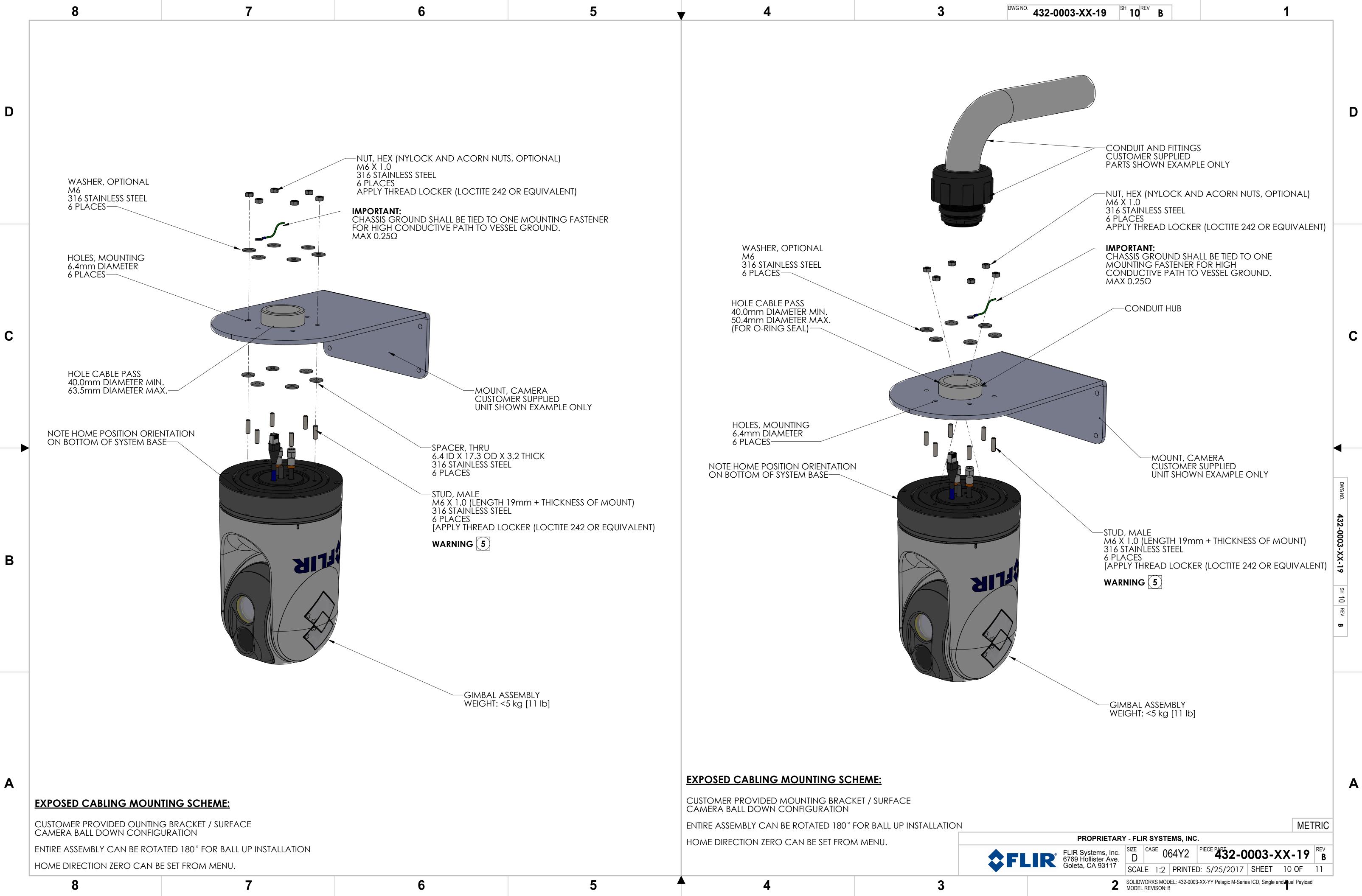




# INTERCONNECT DIAGRAM MULTIPLE JCU - POE INJECTOR

METRIC **PROPRIETARY - FLIR SYSTEMS, INC.** FLIR Systems, Inc. 6769 Hollister Ave. Goleta, CA 93117 SLE CAGE 064Y2 PIECE PART D CAGE 064Y2 PIECE PART 432-0003-XX-19 B SCALE 1.2 PRINTED: 5/25/2017 SHEET 9 OF 11 SCALE 1:2 PRINTED: 5/25/2017 SHEET 8 OF 11 2 SOLIDWORKS MODEL: 432-0003-XX-YY Pelagic M-Series ICD, Single and Jual Payload MODEL REVISON: B





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-CHASSIS GROUND SHALL BE TIED TO MOUNTING FASTENER FOR HIGH CONDUCTIVE PATH TO VESSEL GROUND. MAX 0.25Ω (CUSTOMER SUPPLIED)

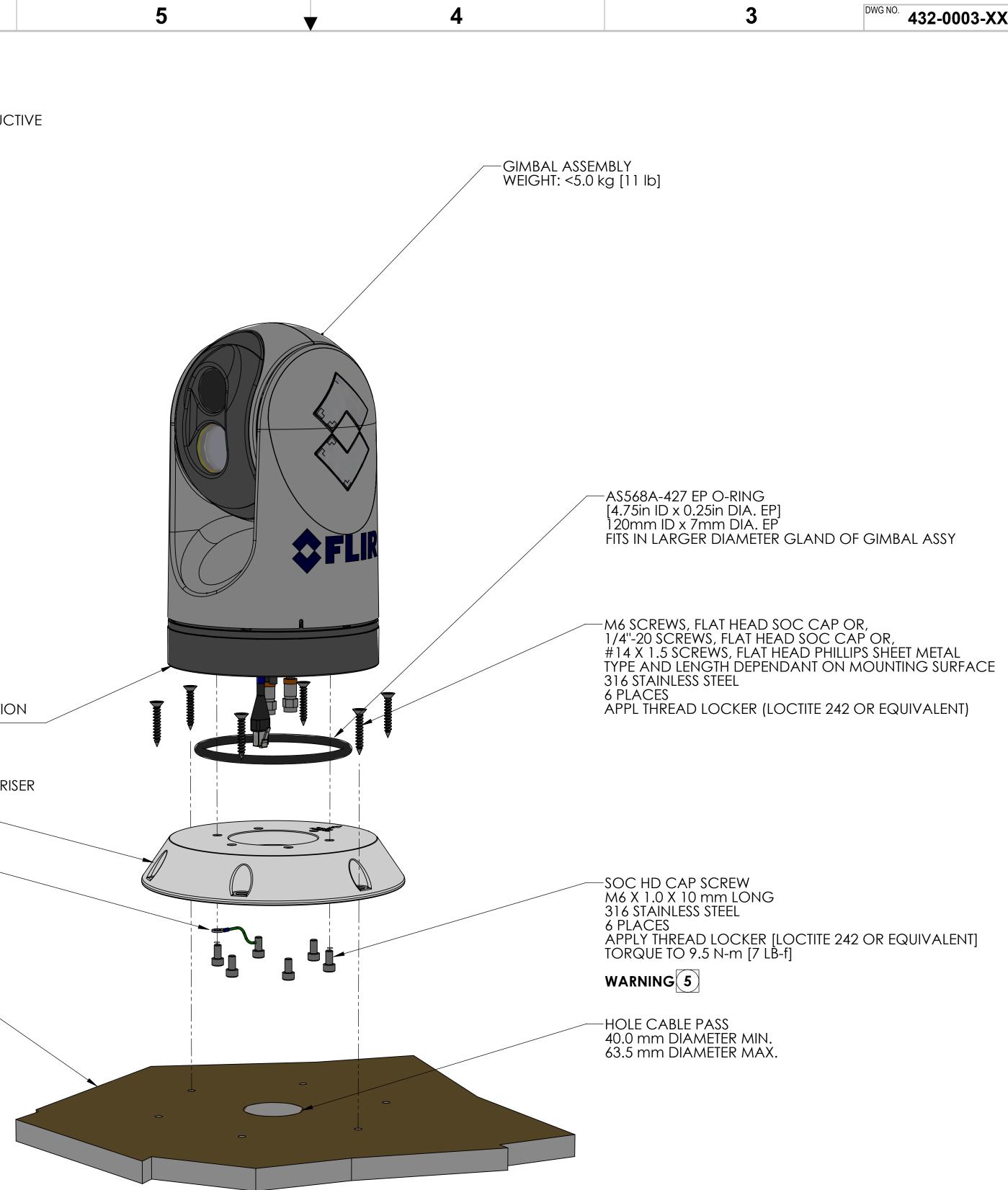
**GROUNDING SCHEME** 

NOTE HOME POSITION ORIENTATION ON BOTTOM OF SYSTEM BASE

TOP DOWN BASE FLIR PN 500-0399-00 TOP DOWN RISER INSTALLATION KIT

CHASSIS GROUND

CUSTOMER DECKING, OR OTHER STRUCTURE



## HIDDEN CABLING MOUNTING SCHEME

FLIR PROVIDED MOUNTING BRACKET(S) CAMERA BALL UP CONFIGURATION ENTIRE ASSEMBLY VIEW CAN BE ROTATED 180° FOR BALL DOWN INSTALLATION HOME DIRECTION ZERO CAN BE SET FROM MENU. SCALE 1/2

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DWG NO.	432-0003-XX-19	<sup>SH</sup> 11 <sup>REV</sup>	В

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**PROPRIETARY - FLIR SYSTEMS, INC.** FLIR Systems, Inc. 6769 Hollister Ave. Goleta, CA 93117 FLIR Systems, Inc. SCALE 1.2 PRINTED: 5/25/2017 SHEET 11 OF 11 SCALE 1:2 PRINTED: 5/25/2017 SHEET 11 OF 11 2 SOLIDWORKS MODEL: 432-0003-XX-YY Pelagic M-Series ICD, Single and Jual Payload MODEL REVISON: B

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