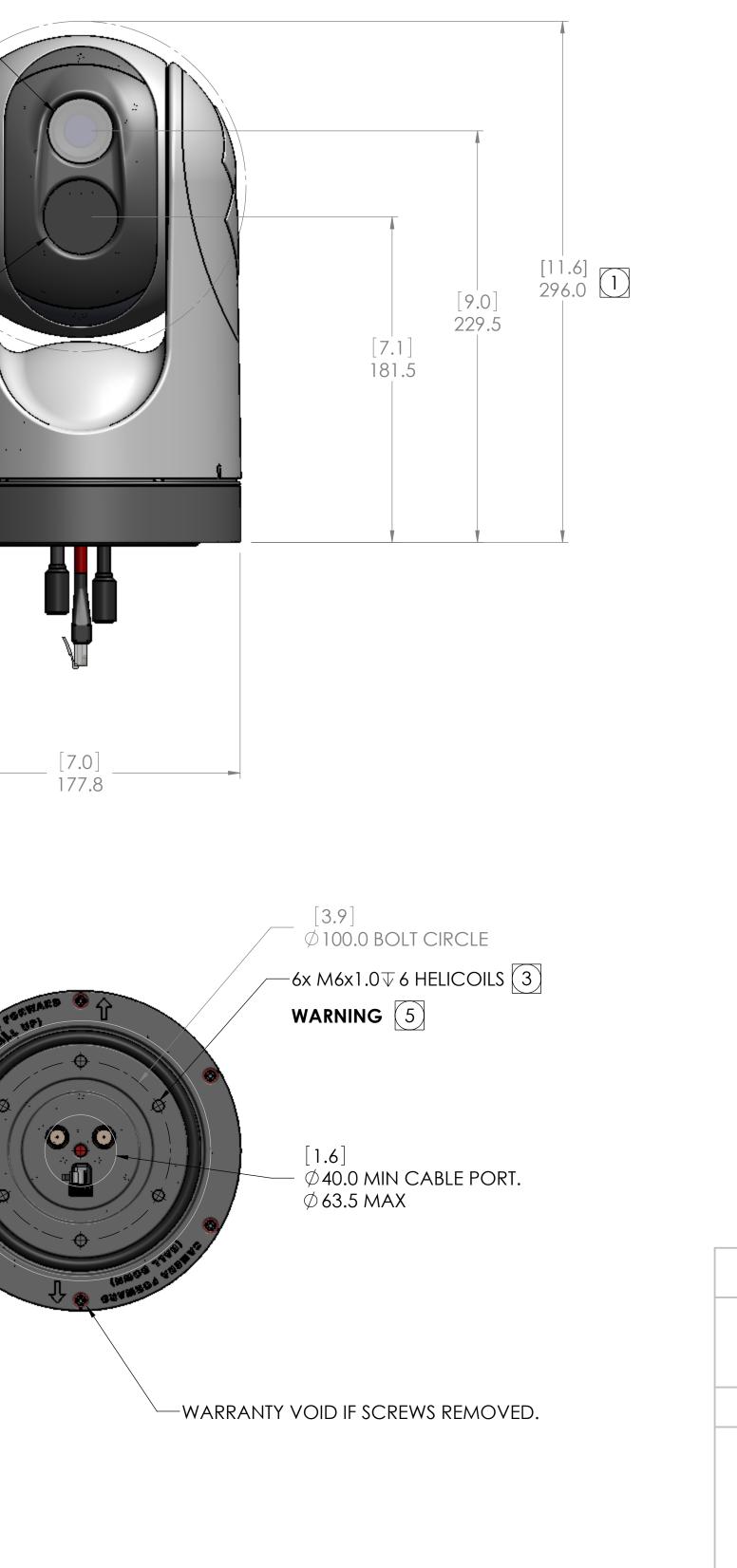
	8	7	6
	NOTES: UNLESS OTHERWIS	E SPECIFIED	
	2 O-RING USED FOR SEALIN STANDALONE UNIT MEET MOUNTING SURFACE FLA DIAMETER REQUIRED FOI	OR FREE MOTION OF SYSTEM. IG SYSTEM TO MOUNTING STRUCTURE. S IPX6 SEALING SPECIFICATION. MINIMUM ATNESS OF 1.5mm [0.60in] OVER SYSTEM R O-RING USE. WHEN MOUNTING TO	
D	3 USE WITH FLIR MOUNTING 4115301 HARDWARE KIT 500-0396-00 TOP DOWN 500-0397-00 TOP DOWN	INSTALLATION KIT INSTALLATION RISER KIT	DED. NDUA
	CONNECTIONS.	_ METAL TO METAL THREADED	
	5 WARNING DO NOT BOTTOM FASTEN BOLT LENGTH NOT TO EX ELECTRONICS WILL BE DA BOLT TORQUE NOT TO EX	CEED 6 mm INTO BASE. AMAGED BY BASE PENETRATION - VOIDING	
C			I.R. CAMERA
Β			
		[5.7 Ø14	15.0 MIN BASE PLATE DIAMETER FOR EFFECTIVE O-RING SEAL.
A		TO ONE MOU FOR HIGH CO	DUND SHALL BE TIED JNTING FASTENER DNDUCTIVE PATH ROUND. MAX 0.25Ω.

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M-SERIES

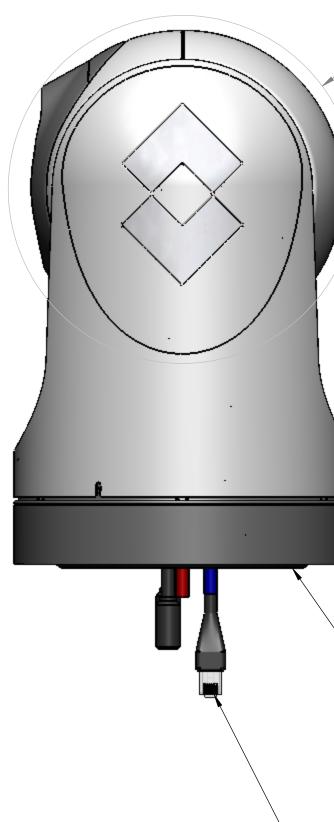
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THIRD ANG	LE PROJECTION	THI	IS DOCUMENT IS CC	ONTROLLE	D TO F	LIR EAR	TECHN	ology Le	EVEL 1.			
M	ETRIC	THE INFORMATION CON EXPORT BY THE EXPOR ARE SUBJECT TO DISCI PROHIBITED. US DEPA TRANSFER TO FOREIGI	RT ADMINISTRATION LOSURE RESTRICTI RTMENT OF COMME	N REGULAT ONS AS A ERCE AUTH	TIONS MATTE HORIZ/	(EAR). F Er of La Ation Is	FLIR TRA AW. DIV 6 NOT RI	ADE SECF ERSION (EQUIRED	RETS CONTRA	ONTAINI ARY TO	ED HERE US LAW I	IN
		MATERIAL	PROJECT NO.						FLIR S	Systems,	Inc.	
	RET DRAWING IE Y14.5M-1994	N/A	APPROVALS	DATE		¥	FLI	IR	70 Ca	stilian Dri a, CA 931	ive	
		FINISH	DWN MKENT	06/10/2009	TITLE							
	THERWISE SPECIFIED CE ROUGHNESS 32 .X = ±.25	N/A	СНК		Μ	-SERI	ES ICE), SING	JE /	DUAL	PAYLC	DAD
.X		UNLESS OTHERWISE SPECIFIED ALL	DSGN		0175	0405		DWONO				
	X = ±.13 JLAR = ±.5°	MEASUREMENTS ARE IN MM. ALL DIMENSIONS IN [] ARE INCHES. DO NOT SCALE DRAWING.	^{eng} MKENT	06/10/2009			64Y2	DWG NO.	432	-000	3-00	REV 120
FILLET R	ADII = .13 MAX	CALC WT: 4188.949 GRAMS	APP		SCAL	E 1:2	PRINTE	D: 1/20/2	2011	SHEET	1 OF	11
		3		2							1	

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DWG NO.	432-0003-00		32-0003-00 ^{SH} 1 ^{REV} 120		1		
				REVISION	S		
	ZONE	REV	DE	SCRIPTION		DATE	APPROVED
		100	RELEASED	D PER ECN 106	520	06/11/2009	MK
		110	REVISED	PER ECN #1090	004	02/19/2010	MK
		120	REVISED	PER ECN 1127	15	01/20/2011	MK

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432-0003-00

R

1 REV **120**

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[7.3] Ø184



2 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

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

381 ±25mm [15 ± 1 in]	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.
	SWITCHED (IR OR VIS) VIDEO CABLE, F-TYPE MALE.

	8	7	6
	NOTES: UNLESS OTHERW	ISE SPECIFIED	
	2 O-RING USED FOR SEAL STANDALONE UNIT MEE MOUNTING SURFACE F DIAMETER REQUIRED FO	FOR FREE MOTION OF SYSTEM. ING SYSTEM TO MOUNTING STRUCTURE. TS IPX6 SEALING SPECIFICATION. MINIMUM LATNESS OF 1.5mm [0.60in] OVER SYSTEM OR O-RING USE. WHEN MOUNTING TO USE OF BEDDING COMPOUND RECOMMEN	IDED
	3 USE WITH FLIR MOUNTIN 4115301 HARDWARE KI 500-0396-00 TOP DOWI	G HARDWARE KITS: I - M-SERIES BASIC MOUNT	IDED.
	4. USE LOCTITE 242 WITH A CONNECTIONS.	LL METAL TO METAL THREADED	
		XCEED 6 mm INTO BASE. DAMAGED BY BASE PENETRATION - VOIDING	G WARRANTY.
			[1] [11.3] 287.0
•			
			[5.7] Ø145.0 MIN BASE DIAMETER — FOR EFFECTIVE SEAL
		CH TC FC	APORTANT: HASSIS GROUND SHALL BE TIED ONE MOUNTING FASTENER OR HIGH CONDUCTIVE PATH TO ESSEL GROUND. MAX 0.25Ω.
-			

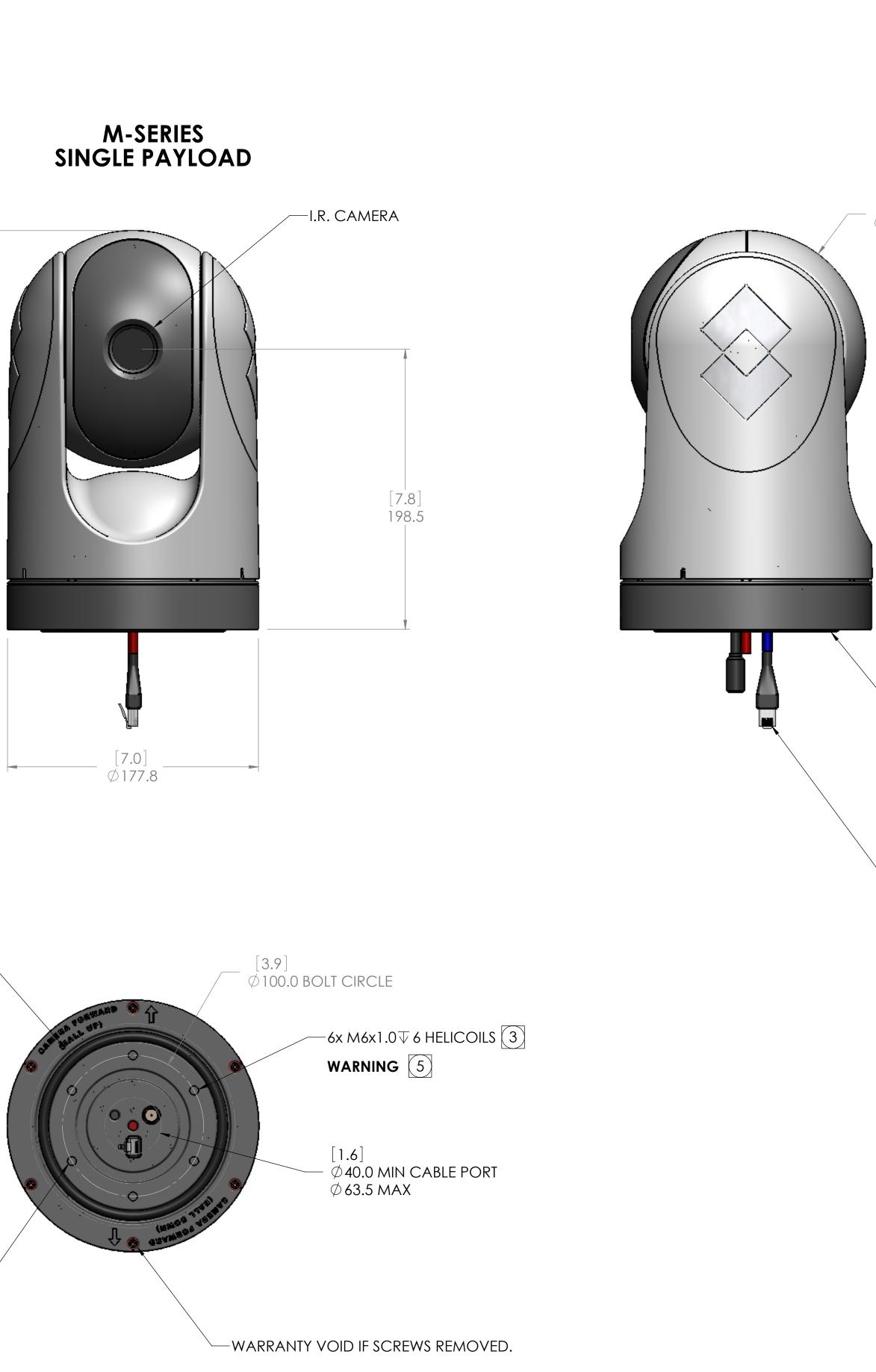
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[6.6] Ø168.0

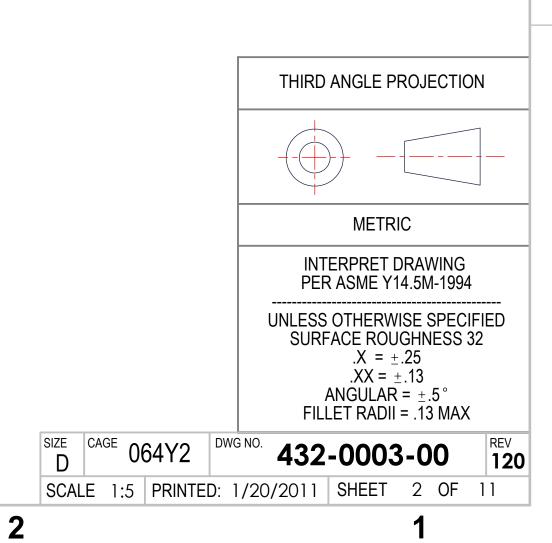
> AS568A-427 EP O-RING [4.75in ID x 0.25in DIA. EP] 120mm ID x 7mm DIA. EP AS568A-334 EP O-RING

-(2)

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.

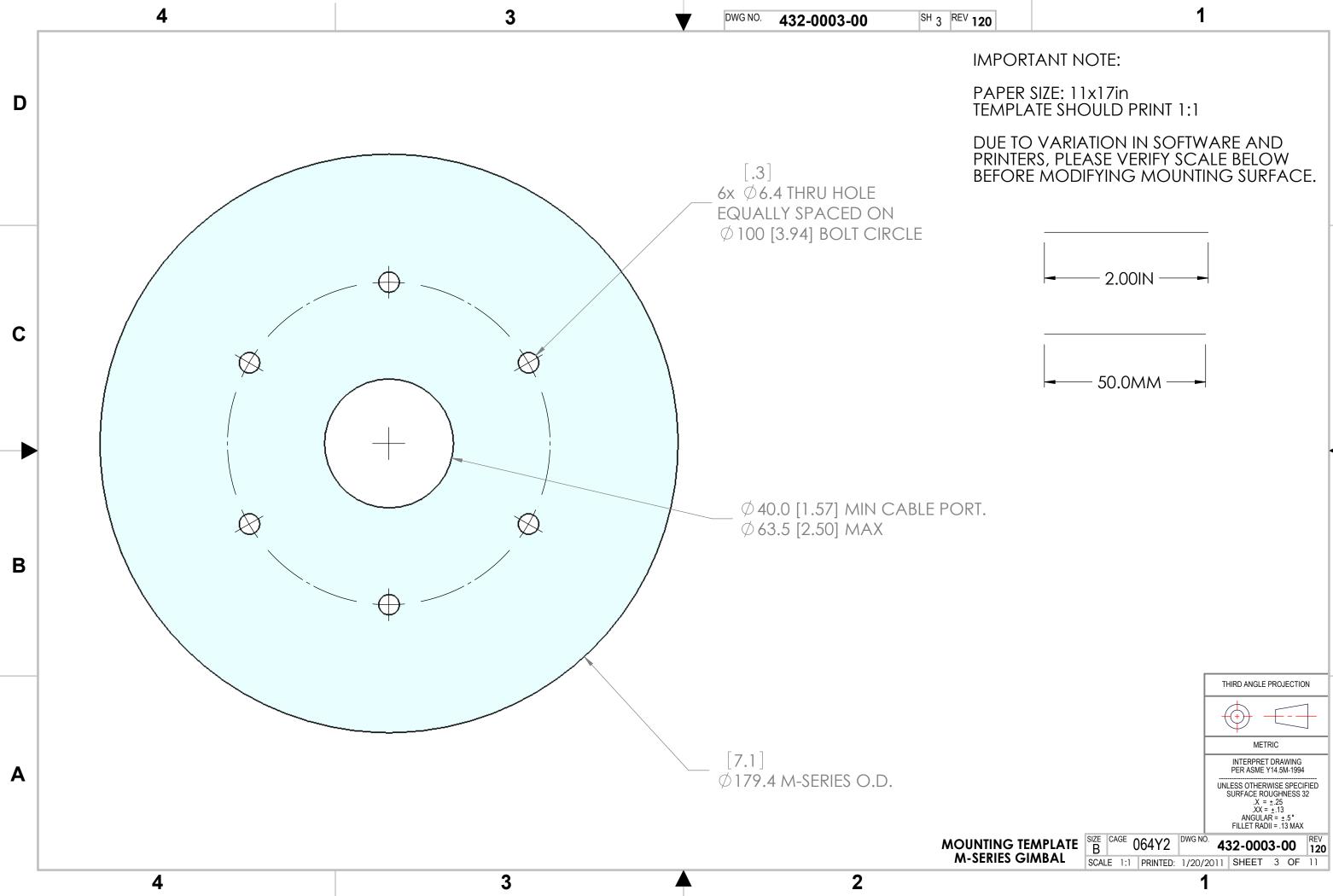


). **432-0003-00** SH 2 REV 120

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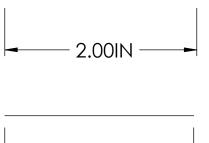


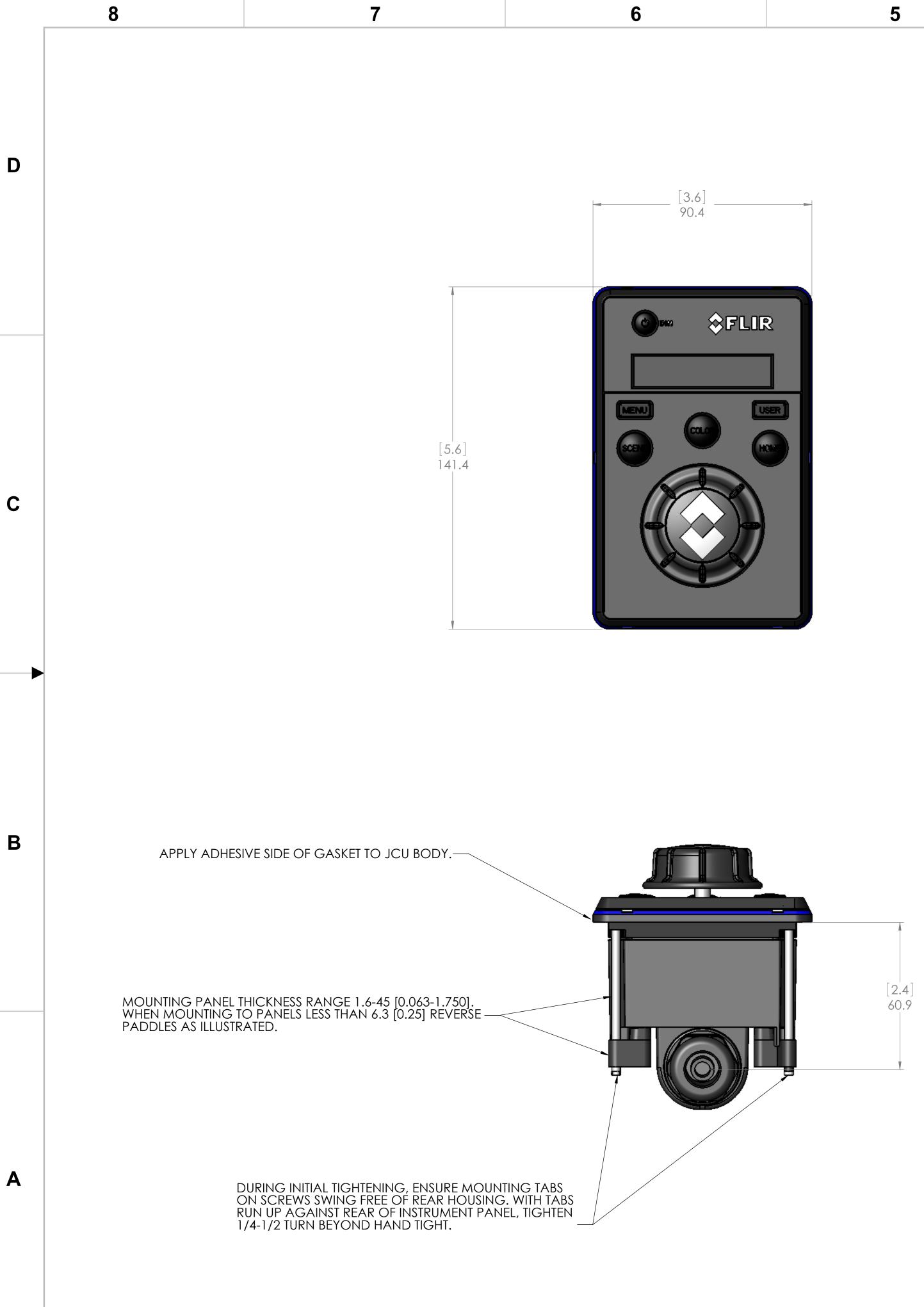
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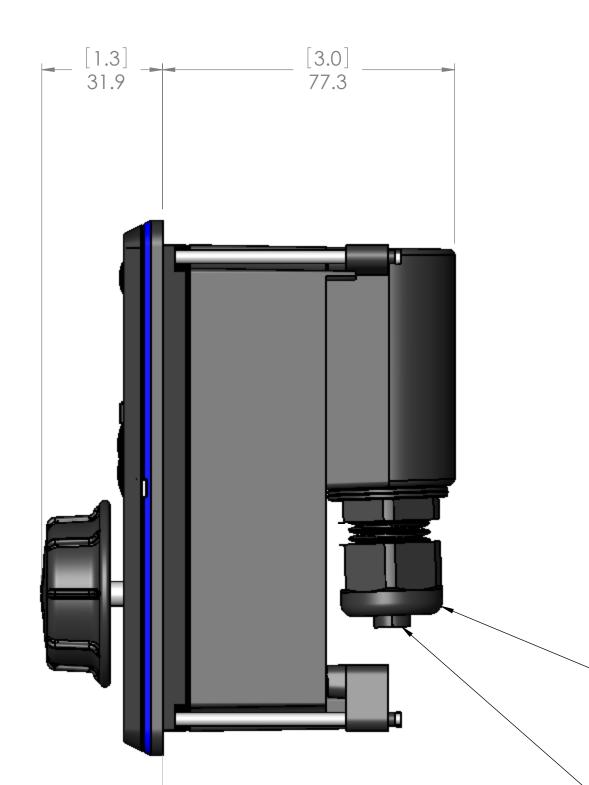
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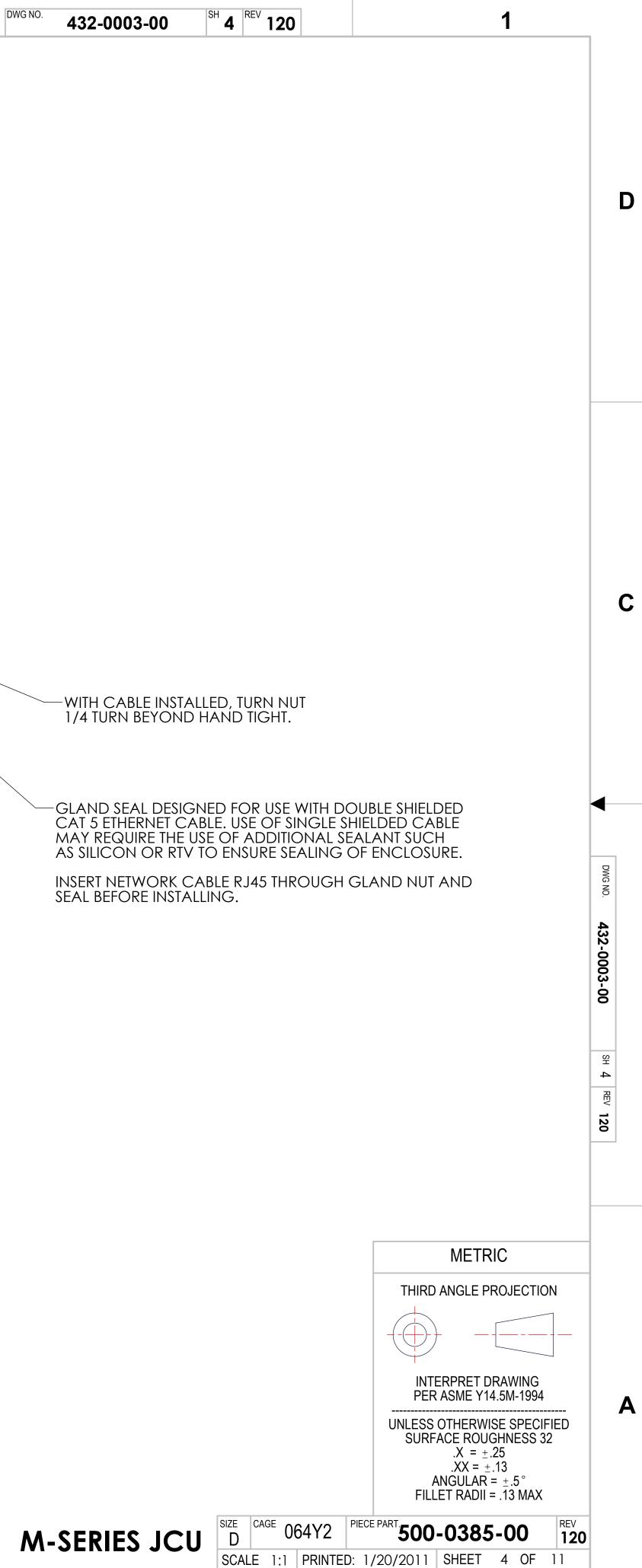


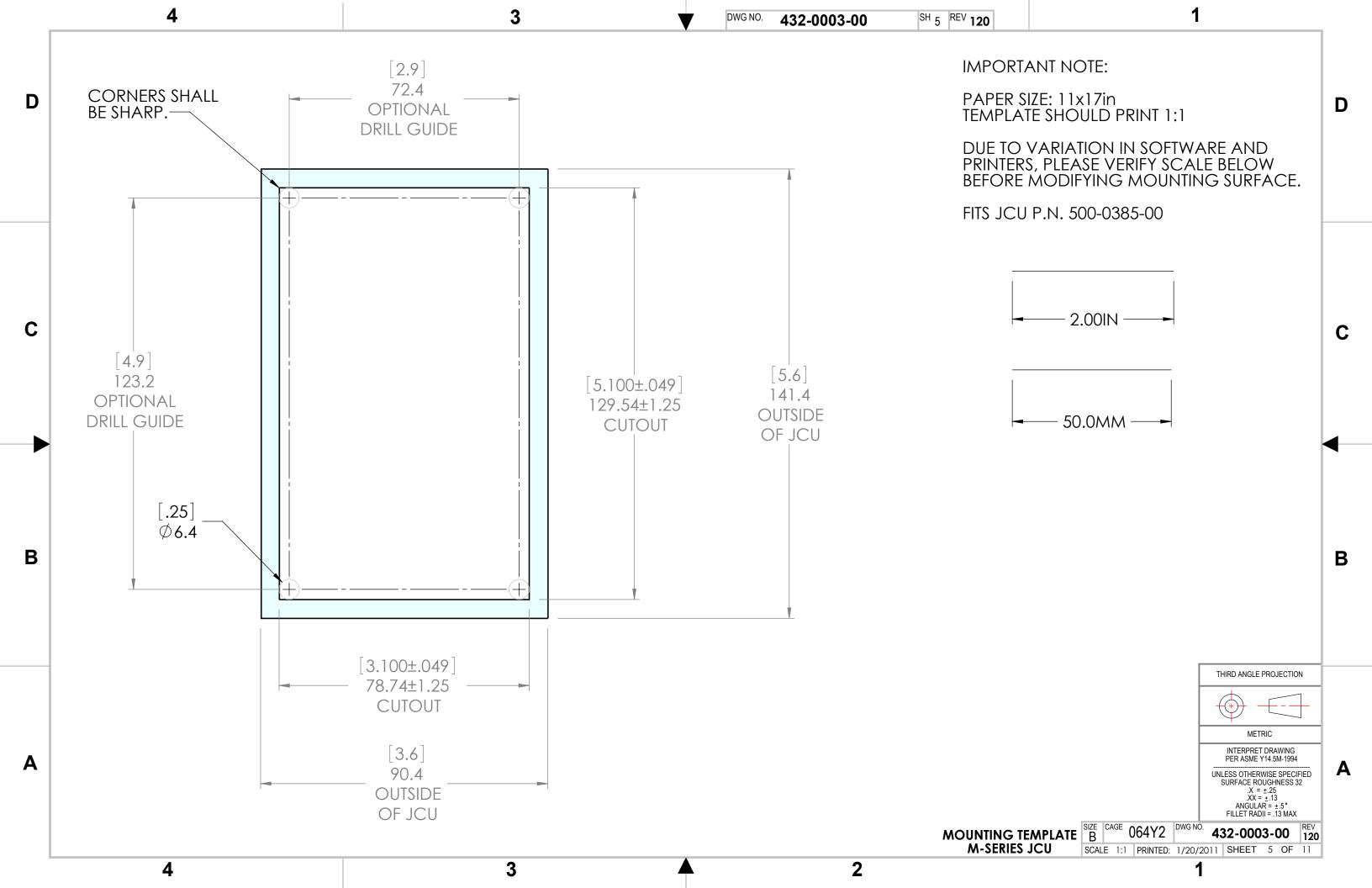


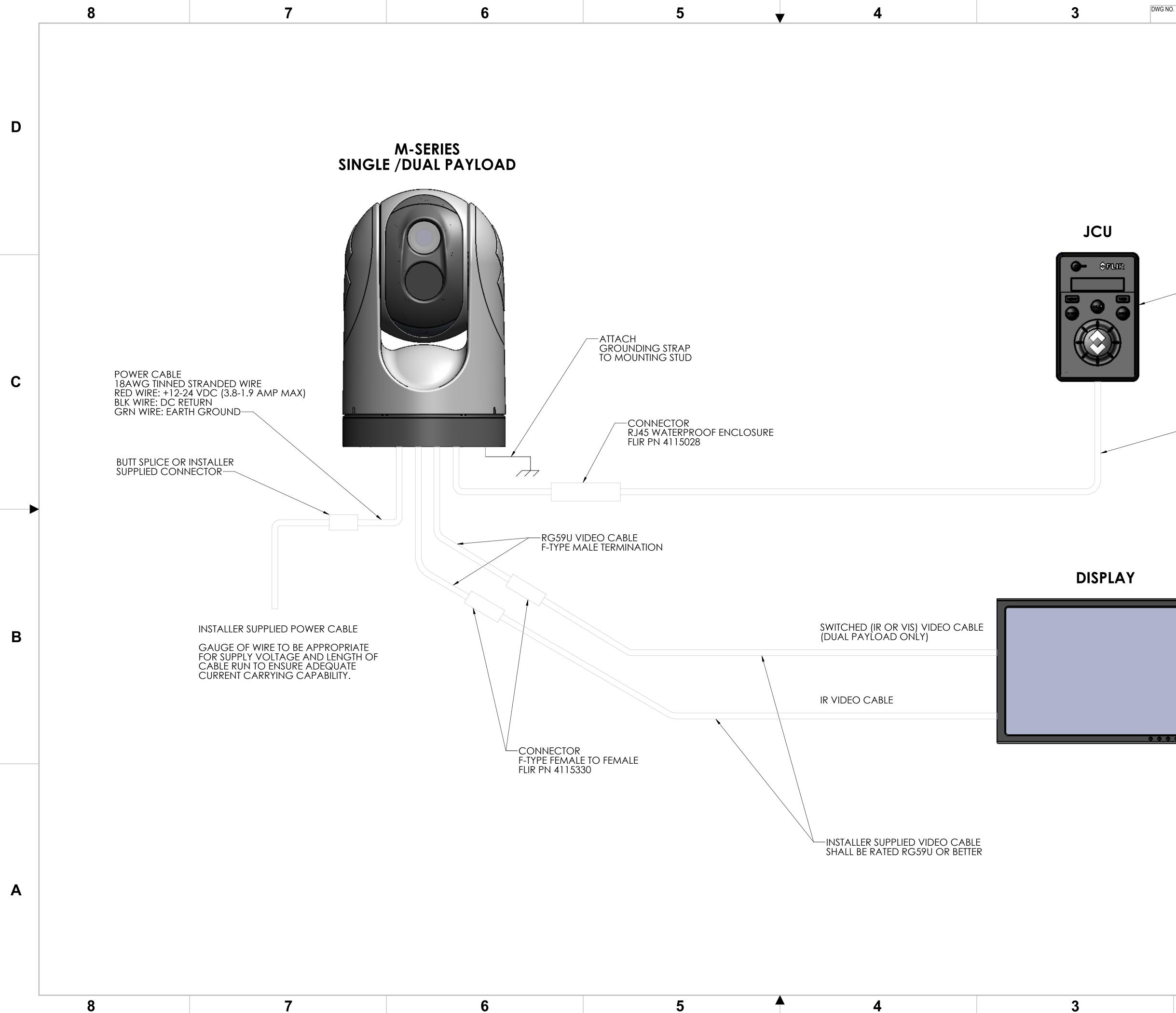


IP66 RATED ABOVE GASKET.

IP64 RATED BEHIND GASKET.



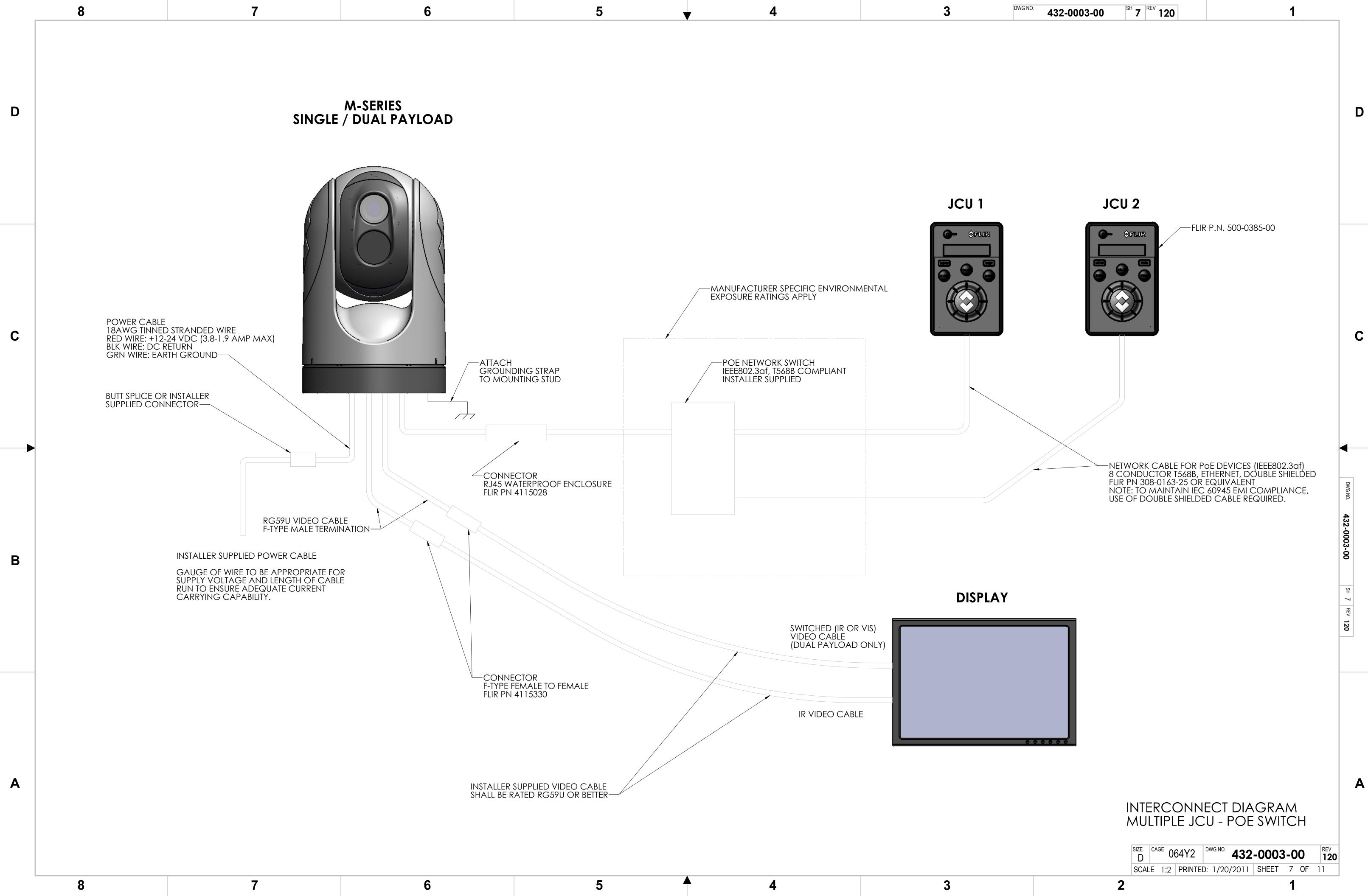


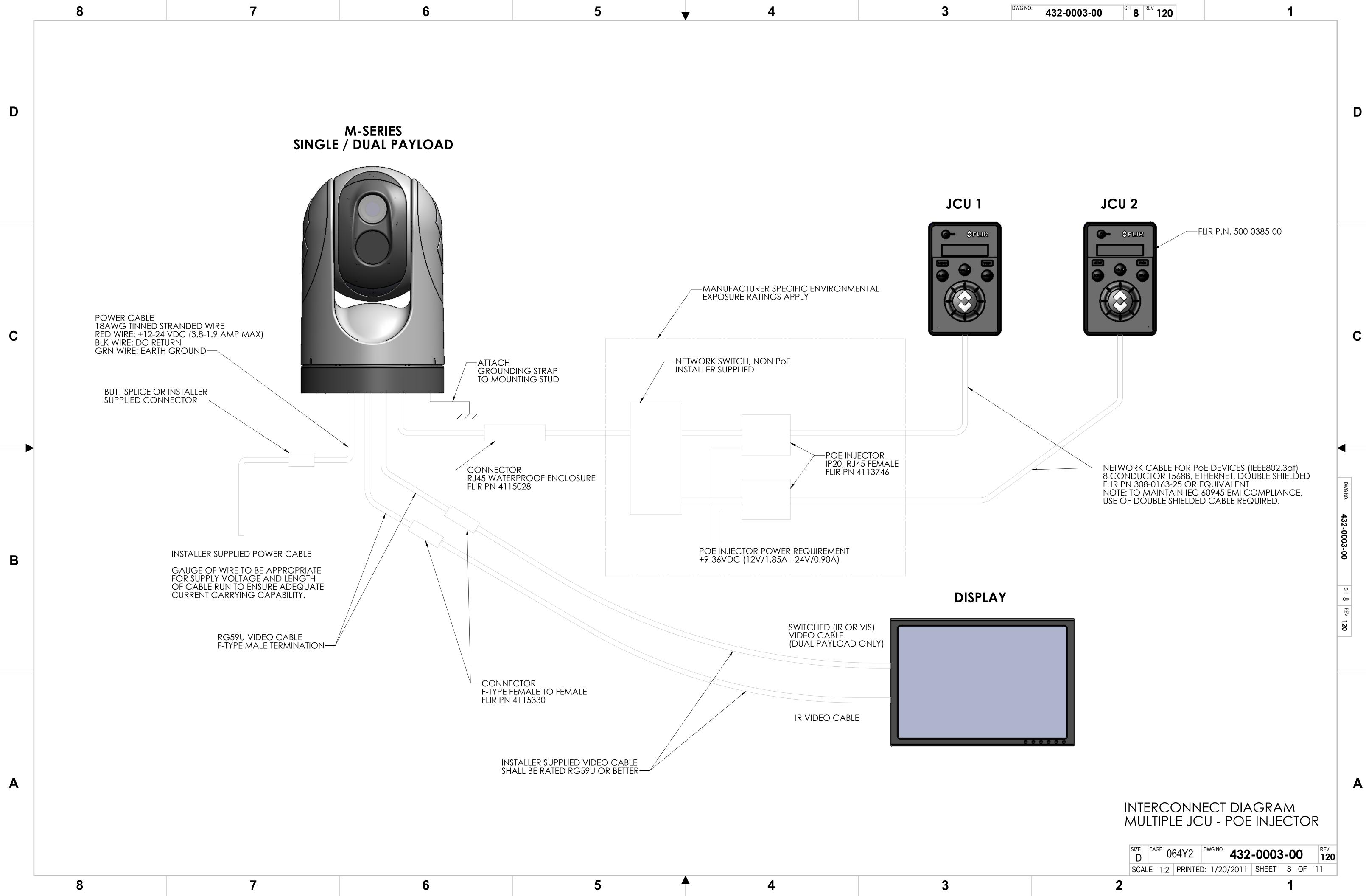


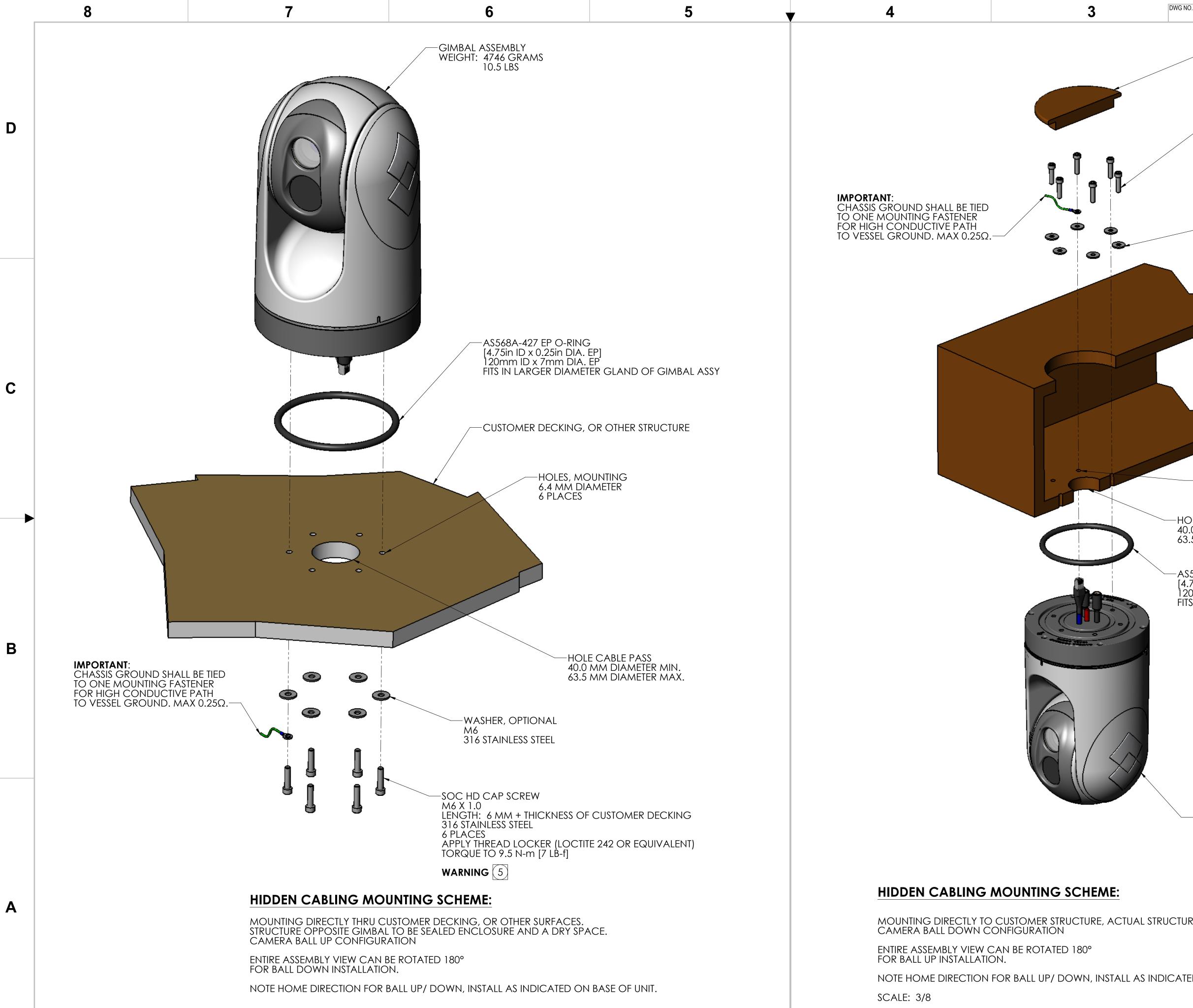
	D
NETWORK CABLE FOR POE DEVICES (IEEE802.3af) 8 CONDUCTOR T568B, ETHERNET, DOUBLE SHIELDED FLIR PN 308-0163-25 OR EQUIVALENT NOTE: TO MAINTAIN IEC 60945 EMI COMPLIANCE, USE OF DOUBLE SHIELDED CABLE REQUIRED.	C
	DWG NO. 432-0003-00 SH 6 REV 120
INTERCONNECT DIAGRAM SINGLE JCU SCALE 1:2 PRINTED: 1/20/2011 SHEET 6 OF 11 2 1	A

^{SH} 6 ^{REV} 120

432-0003-00



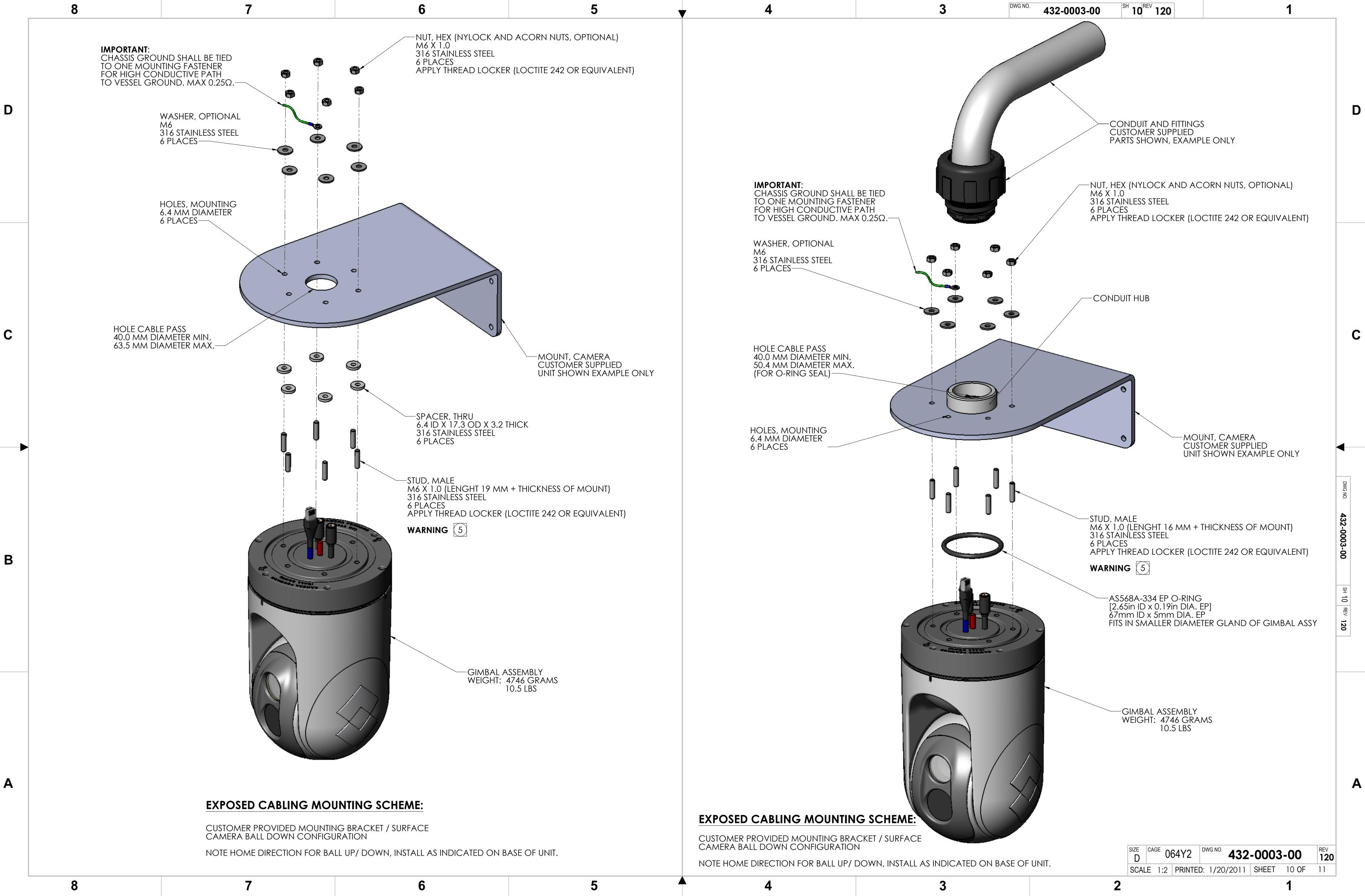


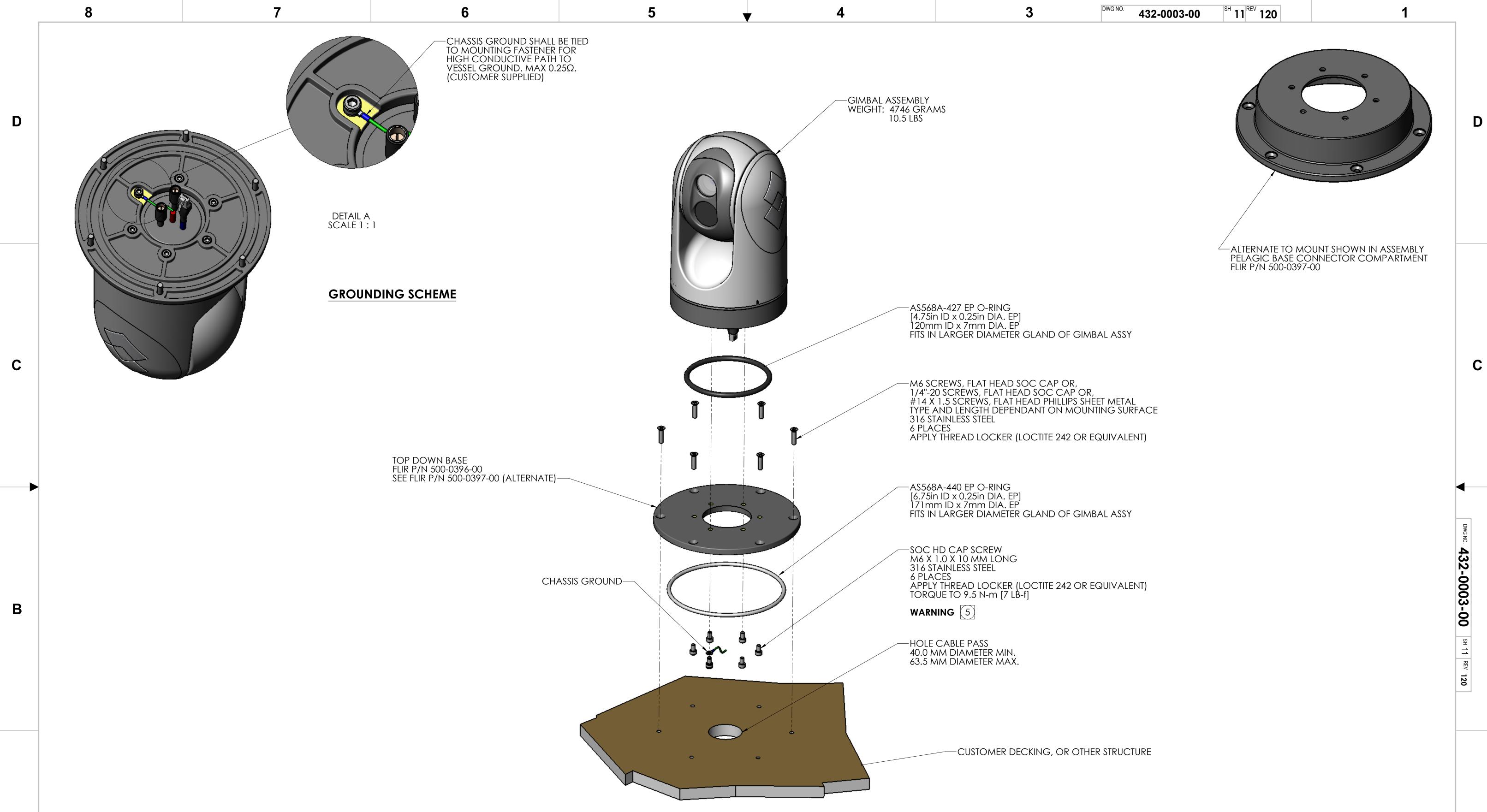


CUSTOMER BULKHEAD SEAL, OPTIONAL PER APPLICATION.	
SOC HD CAP SCREW M6 X 1.0 LENGTH: 6 MM + THICKNESS OF CUSTOMER DECKING 316 STAINLESS STEEL 6 PLACES APPLY THREAD LOCKER (LOCTITE 242 OR EQUIVALENT) TORQUE TO 9.5 N-m [7 LB-f] WARNING 5	C
WASHER, OPTIONAL M6 316 STAINLESS STEEL	
CUSTOMER STRUCTURE, SEALED ENCLOSURE, DRY SPACE SHOWN SECTIONED AND BROKEN AWAY	C
HOLES, MOUNTING 6.4 MM DIAMETER 6 PLACES	
HOLE CABLE PASS 40.0 MM DIAMETER MIN. 63.5 MM DIAMETER MAX.	•
AS568A-427 EP O-RING [4.75in ID x 0.25in DIA. EP] 120mm ID x 7mm DIA. EP FITS IN LARGER DIAMETER GLAND OF GIMBAL ASSY	DWG NO. 432-0003-00
	SH 9 REV 120
GIMBAL ASSEMBLY WEIGHT: 4746 GRAMS 10.5 LBS	
RUCTURES MAY VARY.	4
DICATED ON BASE OF UNIT. SIZE CAGE 064Y2 DWG NO. 432-0003-00 120 SCALE 1:2 PRINTED: 1/20/2011 SHEET 9 OF 11	
2 1	

^{SH} 9 ^{REV} 120

432-0003-00





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HIDDEN CABLING MOUNTING SCHEME

FLIR PROVIDED MOUNTING BRACKET(S) CAMERA BALL UP CONFIGURATION

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ENTIRE ASSEMBLY VIEW CAN BE ROTATED 180° FOR BALL DOWN INSTALLATION

NOTE HOME DIRECTION FOR BALL UP/ DOWN, INSTALL AS INDICATED ON BASE OF UNIT. SCALE: 3/8

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size D	CAGE 064Y2			DWG NO. 432-0003-00				REV 120
SCAL	E 1:	:5	PRINTE	D: 1/20	/2011	SHEET	11 OF	11
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