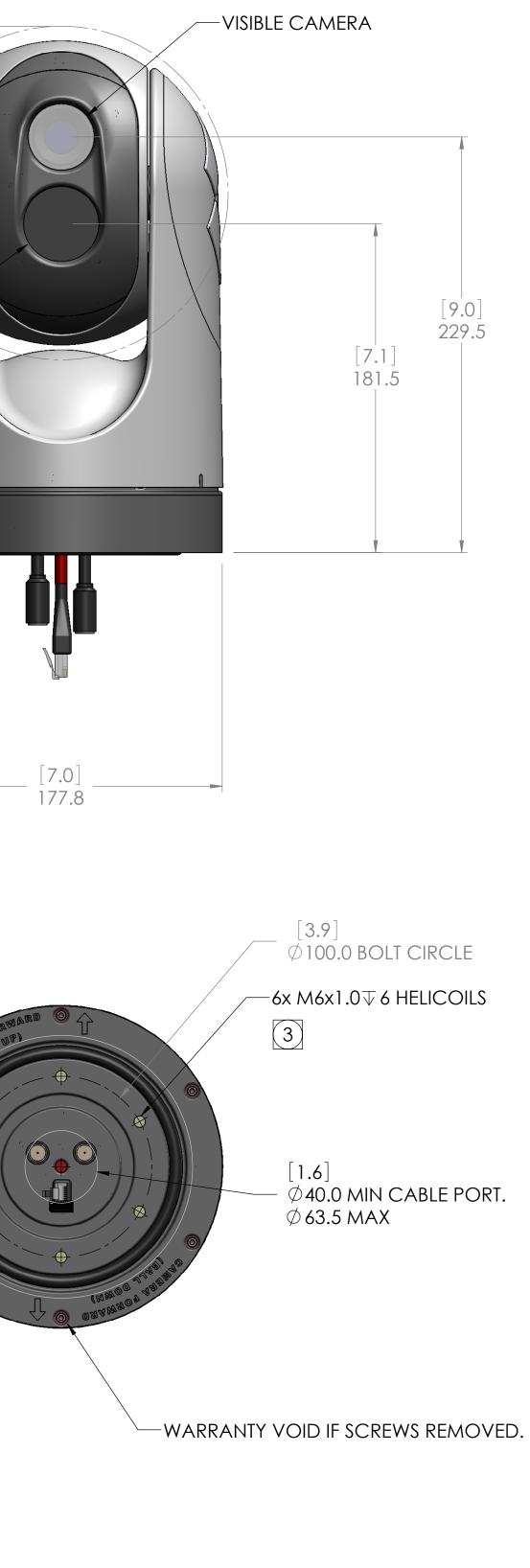
| | 8 | 7 | 6 |
|---|--|--|---|
| | NOTES: UNLESS OTHERWIS | SE SPECIFIED | |
| | | FOR FREE MOTION OF SYSTEM. | |
| D | MOUNTING SURFACE FL DIAMETER REQUIRED FC | NG SYSTEM TO MOUNTING STRUCTURE. TS IPX6 SEALING SPECIFICATION. MINIMUM ATNESS OF 1.5mm [0.60in] OVER SYSTEM OR O-RING USE. WHEN MOUNTING TO JSE OF BEDDING COMPOUND RECOMMENI | |
| | 3 USE WITH FLIR MOUNTING 4115301 HARDWARE KIT 500-0396-00 TOP DOWN | G HARDWARE KITS: - M-SERIES BASIC MOUNT | DUA |
| | 4. USE LOCTITE 242 WITH AI CONNECTIONS. | L METAL TO METAL THREADED | |
| | | [] [] 29 | 1.6] 6.0 I.R. CAMERA |
| С | | - | |
| | | | |
| | | | |
| | | | - |
| | | | |
| В | | | |
| | | [5.7 Ø14 | 7] 45.0 MIN BASE PLATE DIAMETER FOR EFFECTIVE O-RING SEAL. |
| | | | SAMERA FORWA |
| | | | |
| | | | |
| | | | |
| | | TO ONE MOI | DUND SHALL BE TIED JNTING FASTENER ONDUCTIVE PATH ROUND. MAX 0.25Ω |
| Α | | | |
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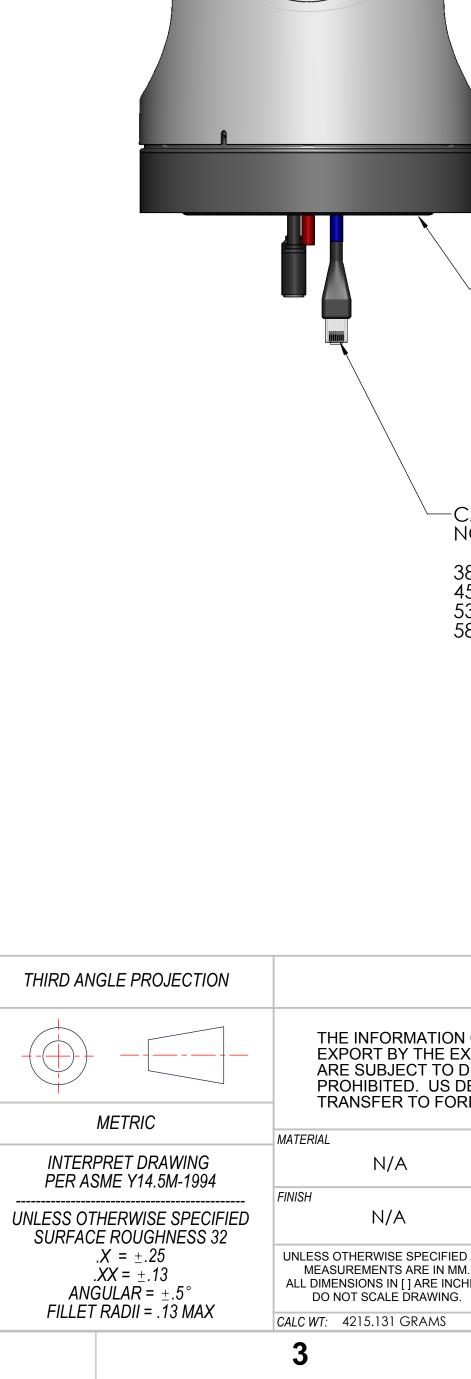
M-SERIES AL PAYLOAD



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| DWG NO. | 432-0003-00 | | 00 | ^{SH} 1 | ^{REV} 110 | | | | 1 | |
|---------|-------------|-----|-----------|-----------------|--------------------|-----------|-----|------------|----------|--|
| | | | | REVISIONS | | | IS | | | |
| | ZONE REV | | | | DESCRI | PTION | | DATE | APPROVED | |
| | | 100 | | RELEASED PER | | | 520 | 06/11/2009 | MK | |
| | | 110 | | REV | ISED PER E | ECN #1090 | 004 | 02/19/2010 | MK | |

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432-0003-00

^{SH} 1

REV

110

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| $\left(1\right)$ |
|------------------|
| [7.3] Ø184.2 |
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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

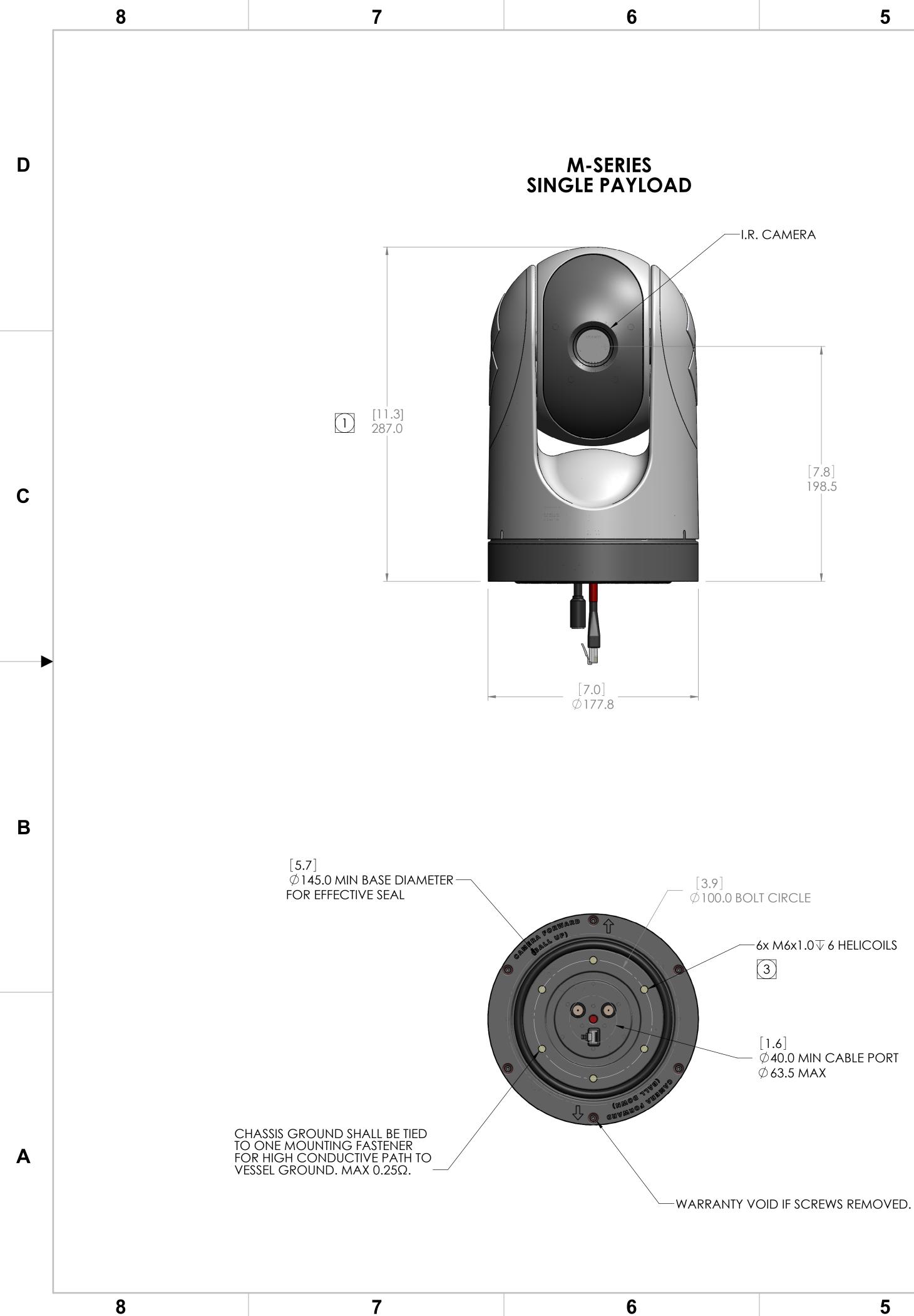
-CABLES SHOWN FOR REFERENCE ONLY. NOT TO SCALE, NOR CORRECT LENGTH.

381 ±25mm [15±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.

THIS DOCUMENT IS CONTROLLED TO FLIR EAR TECHNOLOGY LEVEL 1.

THE INFORMATION CONTAINED IN THIS DOCUMENT PERTAINS TO A DUAL USE PRODUCT CONTROLLED FOR EXPORT BY THE EXPORT ADMINISTRATION REGULATIONS (EAR). FLIR TRADE SECRETS CONTAINED HEREIN ARE SUBJECT TO DISCLOSURE RESTRICTIONS AS A MATTER OF LAW. DIVERSION CONTRARY TO US LAW IS PROHIBITED. US DEPARTMENT OF COMMERCE AUTHORIZATION IS NOT REQUIRED PRIOR TO EXPORT OR TRANSFER TO FOREIGN PERSONS OR PARTIES UNLESS OTHERWISE PROHIBITED.

| PROJECT NO. | | FLIR Systems, Ind 70 Castilian Drive | | | | | Inc. | | |
|----------------------|--|---|---|--|--|---|---|--|--|
| APPROVALS | DATE | | | | | | | | |
| DWN MKENT | 06/10/2009 | TITLE | | | | | | | |
| СНК | | N | 1-SER | IES ICC |), SING | FLE / | DUAL | PAY | LOAD |
| DSGN | | 0175 | 0405 | | DIMO NO | | | | |
| ^{eng} MKENT | 06/10/2009 | | CAGE (| 064Y2 | DWG NO. | 432 | 2-000 | 3-0 | |
| APP | | SCAL | .E 1:2 | PRINTE | D: 2/22/2 | 2010 | SHEET | 1 O |)F 11 |
| | 2 | | | | | | | 1 | |
| | APPROVALS DWN MKENT CHK DSGN ENG MKENT | APPROVALS DATE DWN MKENT 06/10/2009 CHK DSGN ENG MKENT 06/10/2009 APP | APPROVALS DATE DWN MKENT 06/10/2009 TITLE CHK 06/10/2009 SIZE N DSGN 06/10/2009 SIZE D ENG MKENT 06/10/2009 D APP SCAL SCAL | APPROVALS DATE DWN MKENT 06/10/2009 TITLE CHK 06/10/2009 TITLE DSGN SIZE CAGE ENG MKENT 06/10/2009 D APP SCALE 1:2 | APPROVALS DATE DWN MKENT 06/10/2009 TITLE CHK M-SERIES ICE DSGN 5/2E ENG MKENT 06/10/2009 D APP 06/10/2009 D APP SCALE 1:2 | APPROVALS DATE DWN MKENT 06/10/2009 TITLE CHK 06/10/2009 TITLE DSGN SIZE CAGE 06/4Y2 ENG MKENT 06/10/2009 DWG NO. APP SCALE 1:2 PRINTED: 2/22/2 | APPROVALSDATE $70 Carrow GoldDWN MKENT06/10/2009TITLECHK06/10/2009TITLEDSGNSIZECAGEENG MKENT06/10/2009DOG/10/2009DCAGEAPPSCALE1:2PRINTED:2/22/2010$ | APPROVALS DATE 70 Castilian Driv Goleta, CA 931 DWN MKENT 06/10/2009 TITLE M-SERIES ICD, SINGLE / DUAL DSGN SIZE CAGE 064Y2 ENG MKENT 06/10/2009 D APP SCALE 1:2 PRINTED: 2/22/2010 | APPROVALS DATE TO Castilian Drive Goleta, CA 93117 DWN MKENT 06/10/2009 TITLE M-SERIES ICD, SINGLE / DUAL PAYI DSGN SIZE CAGE 064Y2 DWG NO. ENG MKENT 06/10/2009 D SIZE CAGE 064Y2 DWG NO. APP SCALE 1:2 PRINTED: 2/22/2010 SHEET 1<0 |



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-6x M6x1.0 $\overline{\vee}$ 6 HELICOILS

 ϕ 40.0 MIN CABLE PORT

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| ^{DWG NO.} 432-0003-00 ^{SH} 2 ^{REV} 110 | ^{WG NO.} 432-0003-00 |
|---|-------------------------------|

[6.6] Ø168.0

-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

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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.

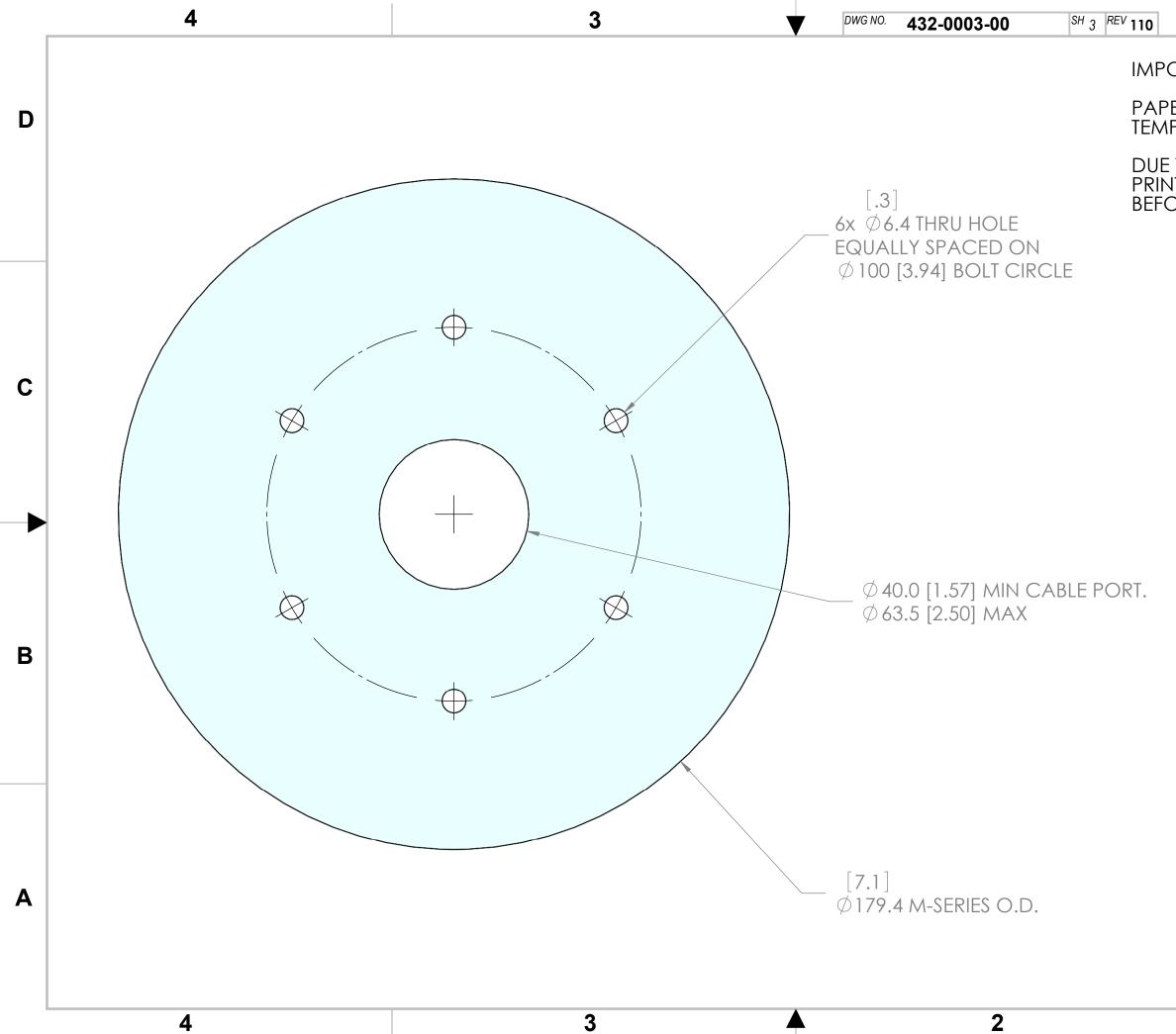
432-0003-00 HS 2 REV 110

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IMPORTANT NOTE:

PAPER SIZE: 11x17in TEMPLATE SHOULD PRINT 1:1

DUE TO VARIATION IN SOFTWARE AND PRINTERS, PLEASE VERIFY SCALE BELOW BEFORE MODIFYING MOUNTING SURFACE.

1

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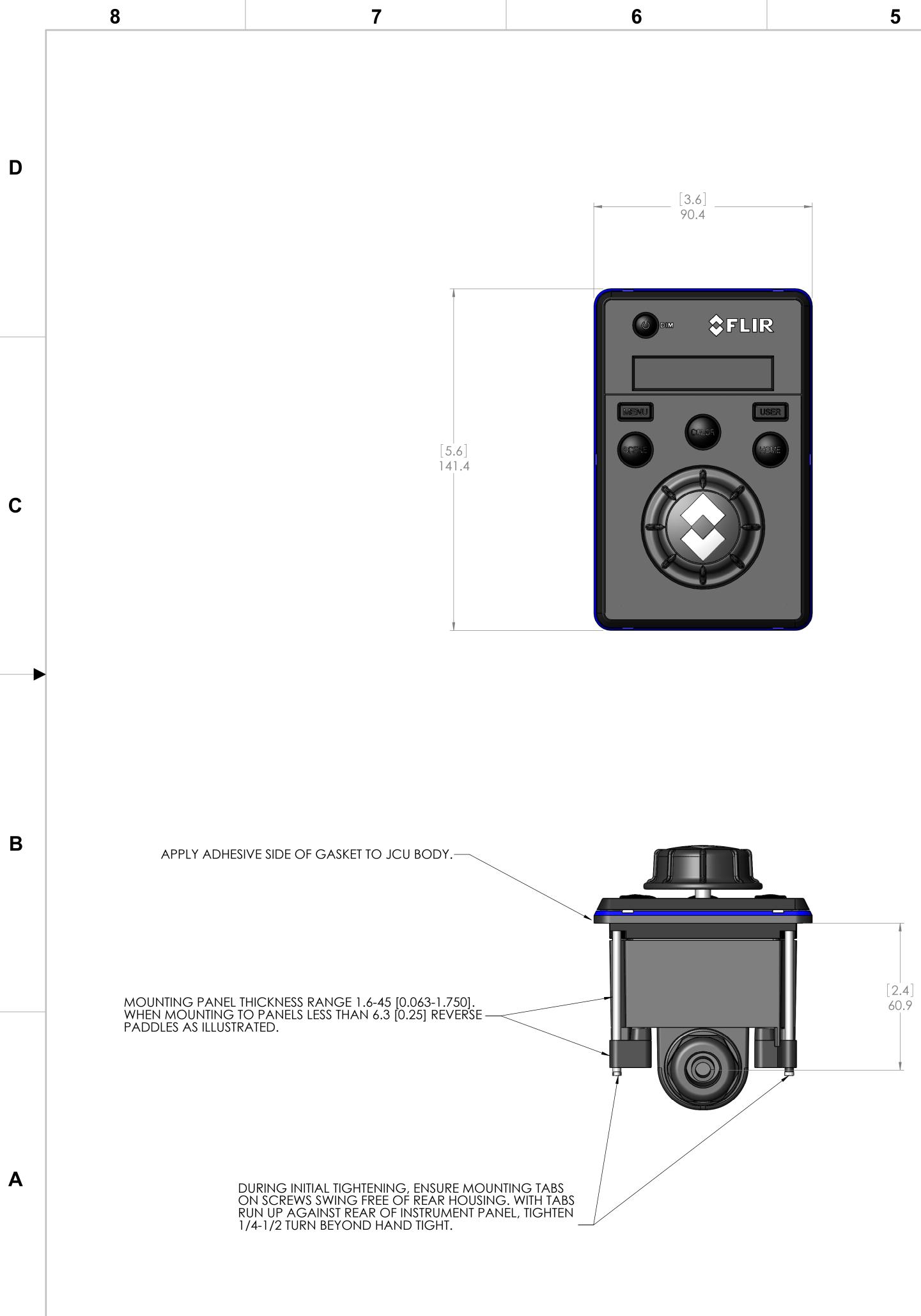
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В









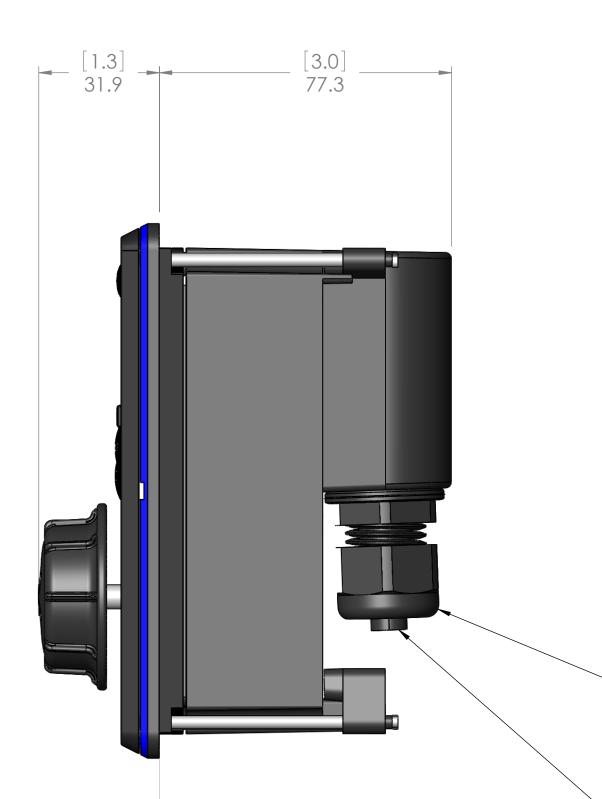
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IP66 RATED ABOVE GASKET.

IP64 RATED BEHIND GASKET.

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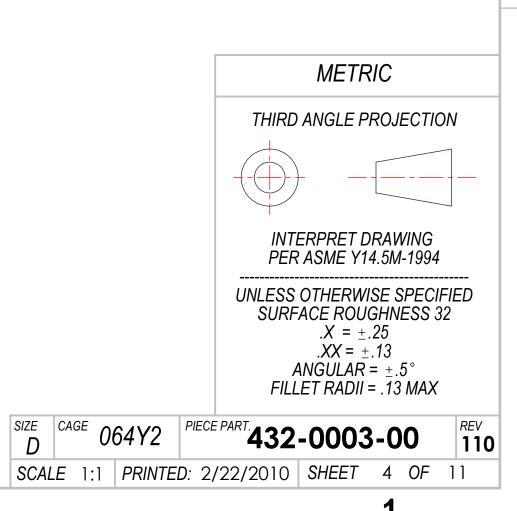
| DWG NO. | 432-0003-00 | ^{SH} 4 ^{REV} 110 | 1 |
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| | | | |
| | | | |

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

2

-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.

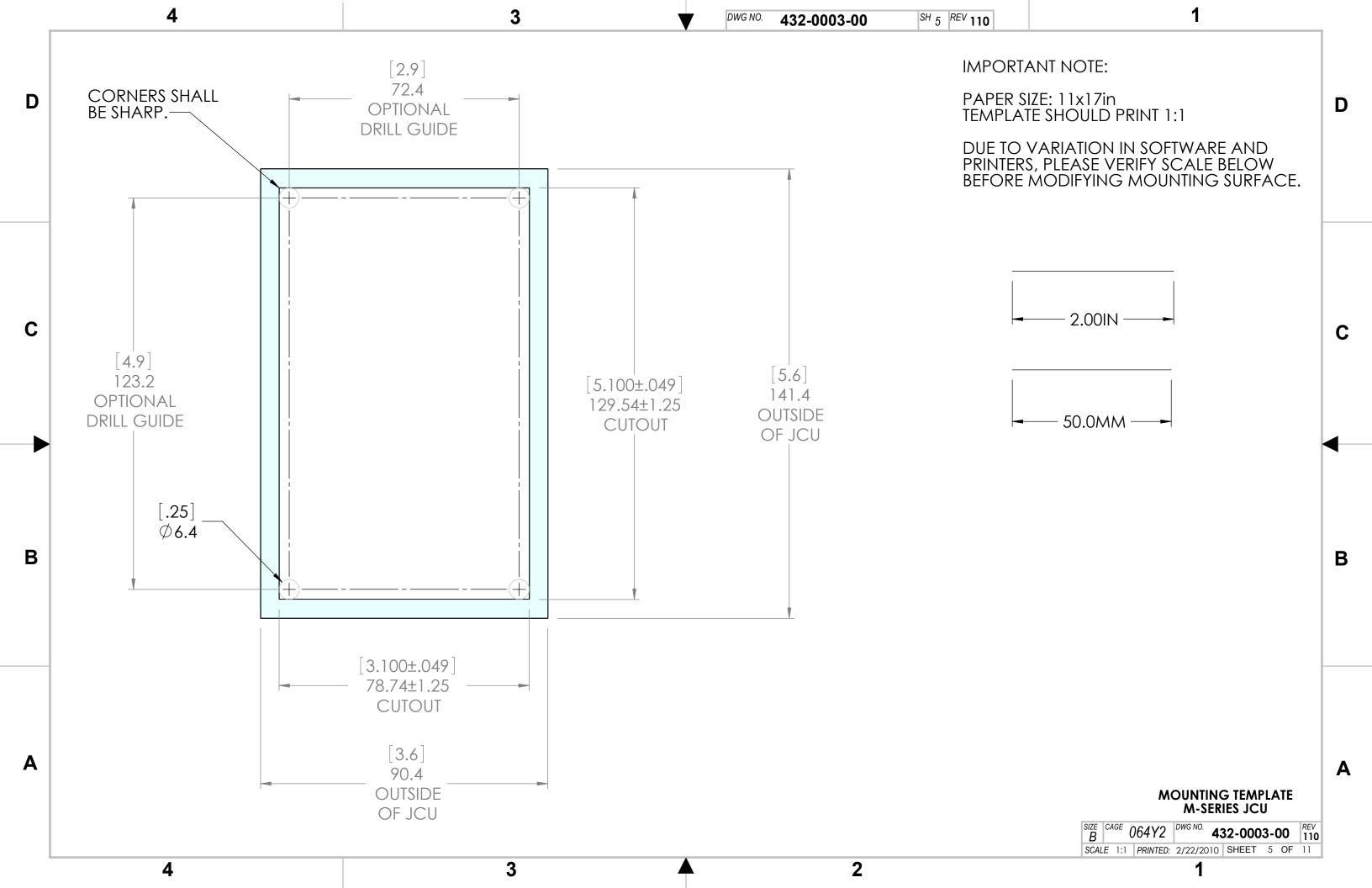


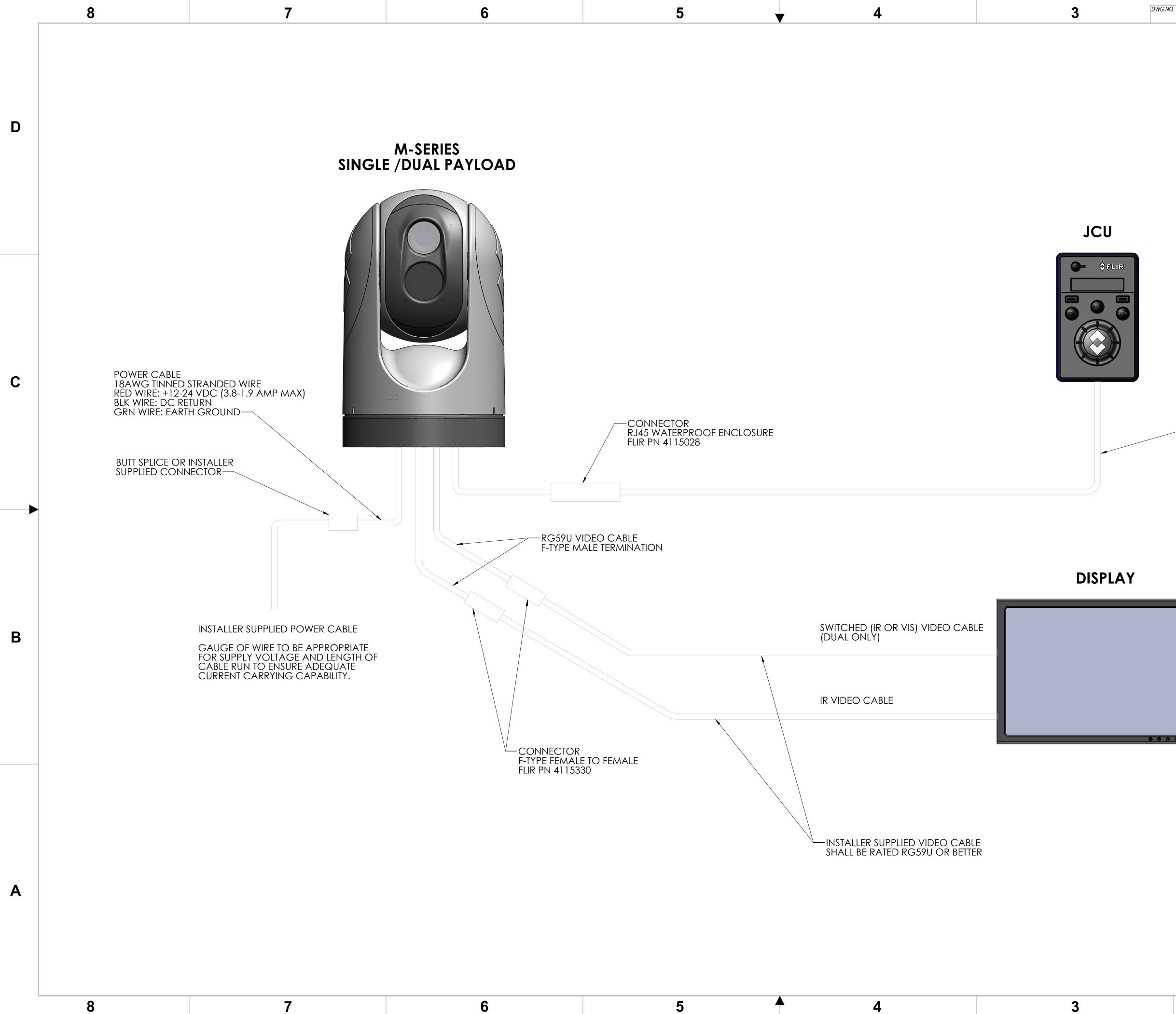
432-0003-8 4 REV 110

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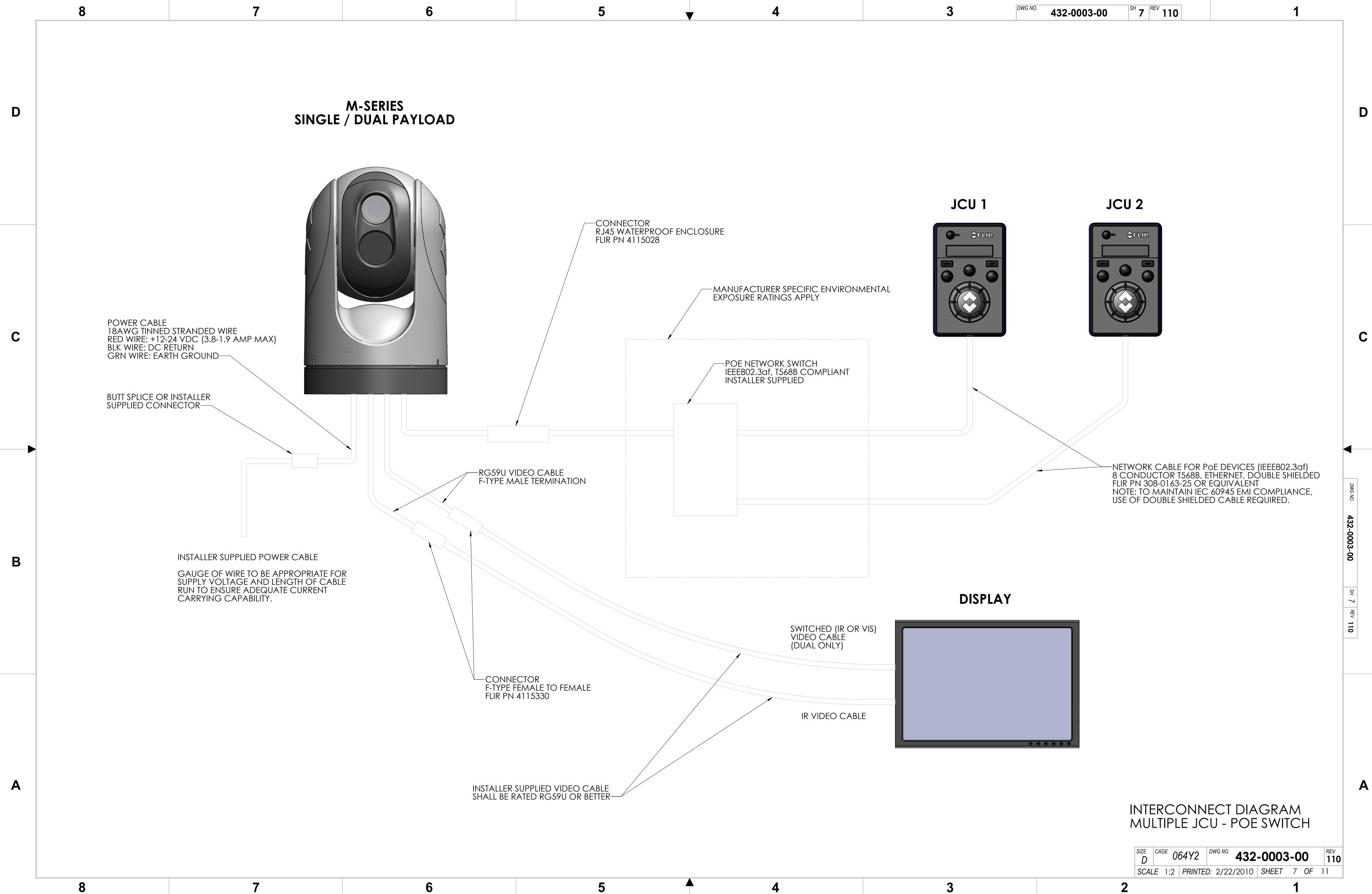


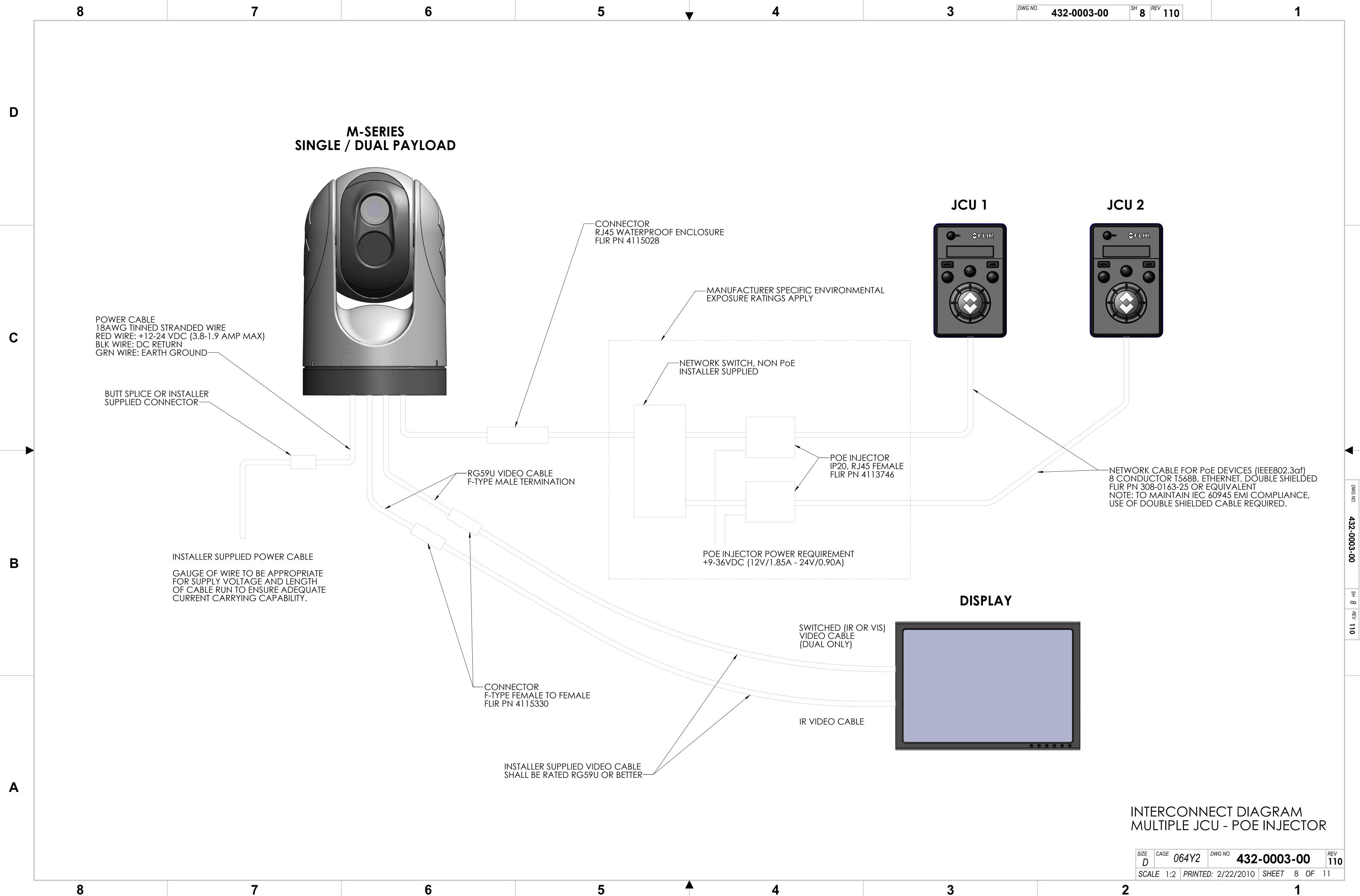


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|---|----------------------------------|---|
| | | |
| NETWORK CABLE FOR POE DEVICES (IEEE802.3af) 8 CONDUCTOR T568B, ETHERNET, DOUBLE SHIELDED FLIR PN 308-0163-25 OR EQUIVALENT NOTE: TO MAINTAIN IEC 60945 EMI COMPLIANCE, USE OF DOUBLE SHIELDED CABLE REQUIRED. | | С |
| | DWG NO. 432-0003-00 SH 6 REV 110 | |
| INTERCONNECT DIAGRAM SINGLE JCU SIZE CAGE 064Y2 DWG NO. 432-0003-00 REV 110 | | Α |
| SCALE 1:2 PRINTED: 2/22/2010 SHEET 6 OF 11 2 1 1 1 1 | | |

^{SH} 6 ^{REV} 110

432-0003-00

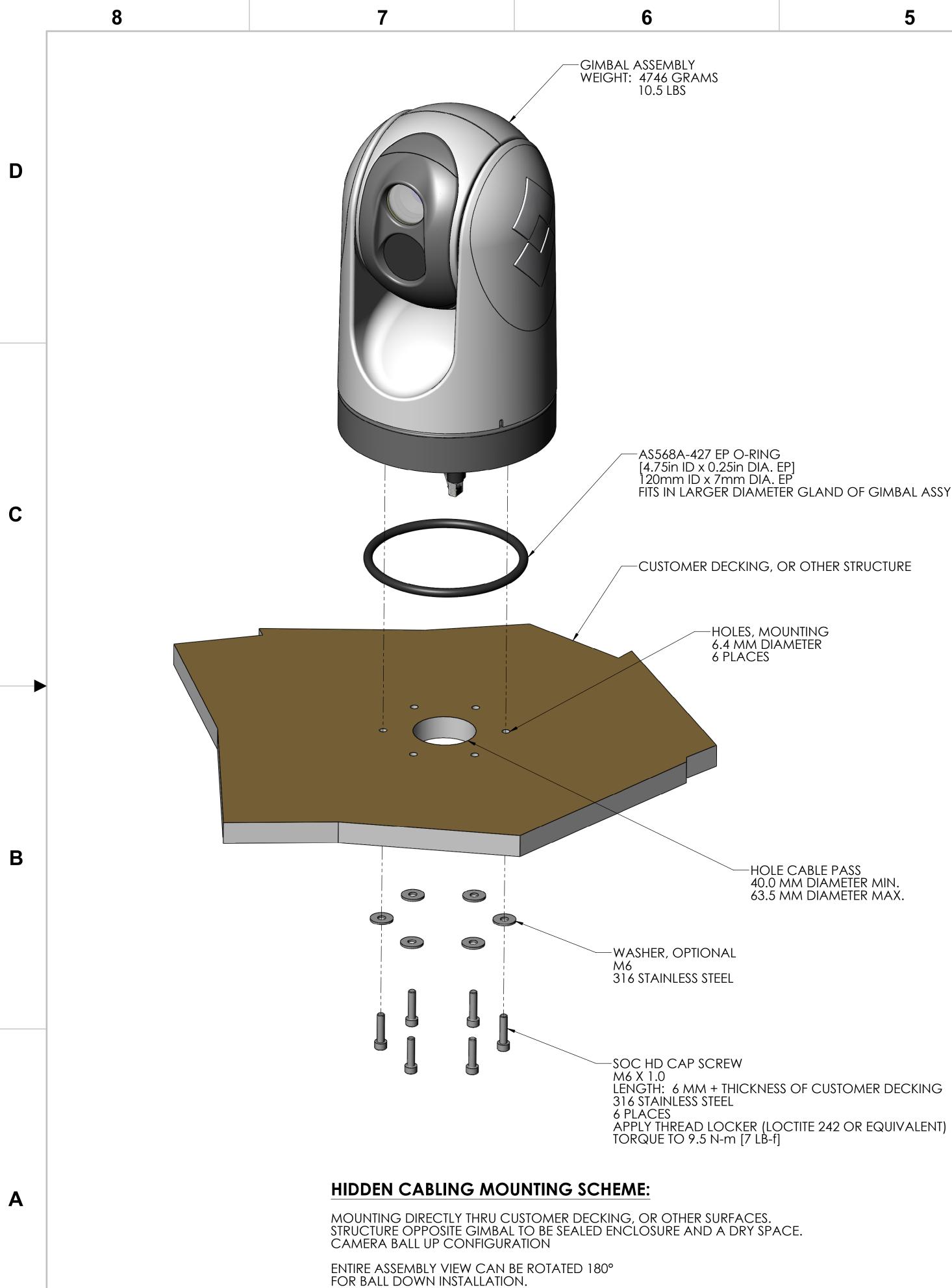




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NOTE HOME DIRECTION FOR BALL UP/ DOWN, INSTALL AS INDICATED ON BASE OF UNIT.

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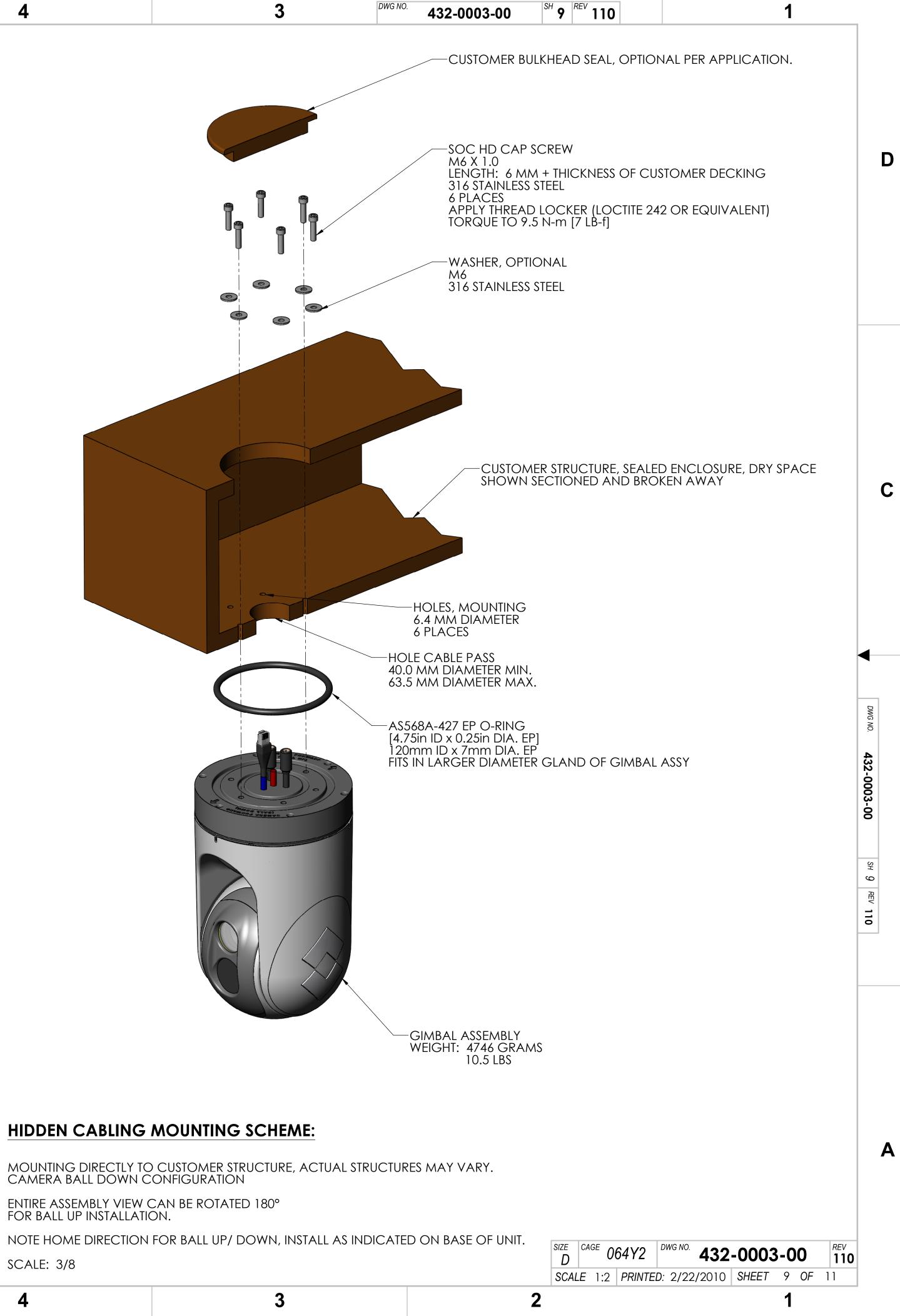
—AS568A-427 EP O-RING [4.75in ID x 0.25in DIA. EP] 120mm ID x 7mm DIA. EP FITS IN LARGER DIAMETER GLAND OF GIMBAL ASSY

-CUSTOMER DECKING, OR OTHER STRUCTURE

-HOLE CABLE PASS 40.0 MM DIAMETER MIN. 63.5 MM DIAMETER MAX.

LENGTH: 6 MM + THICKNESS OF CUSTOMER DECKING

5



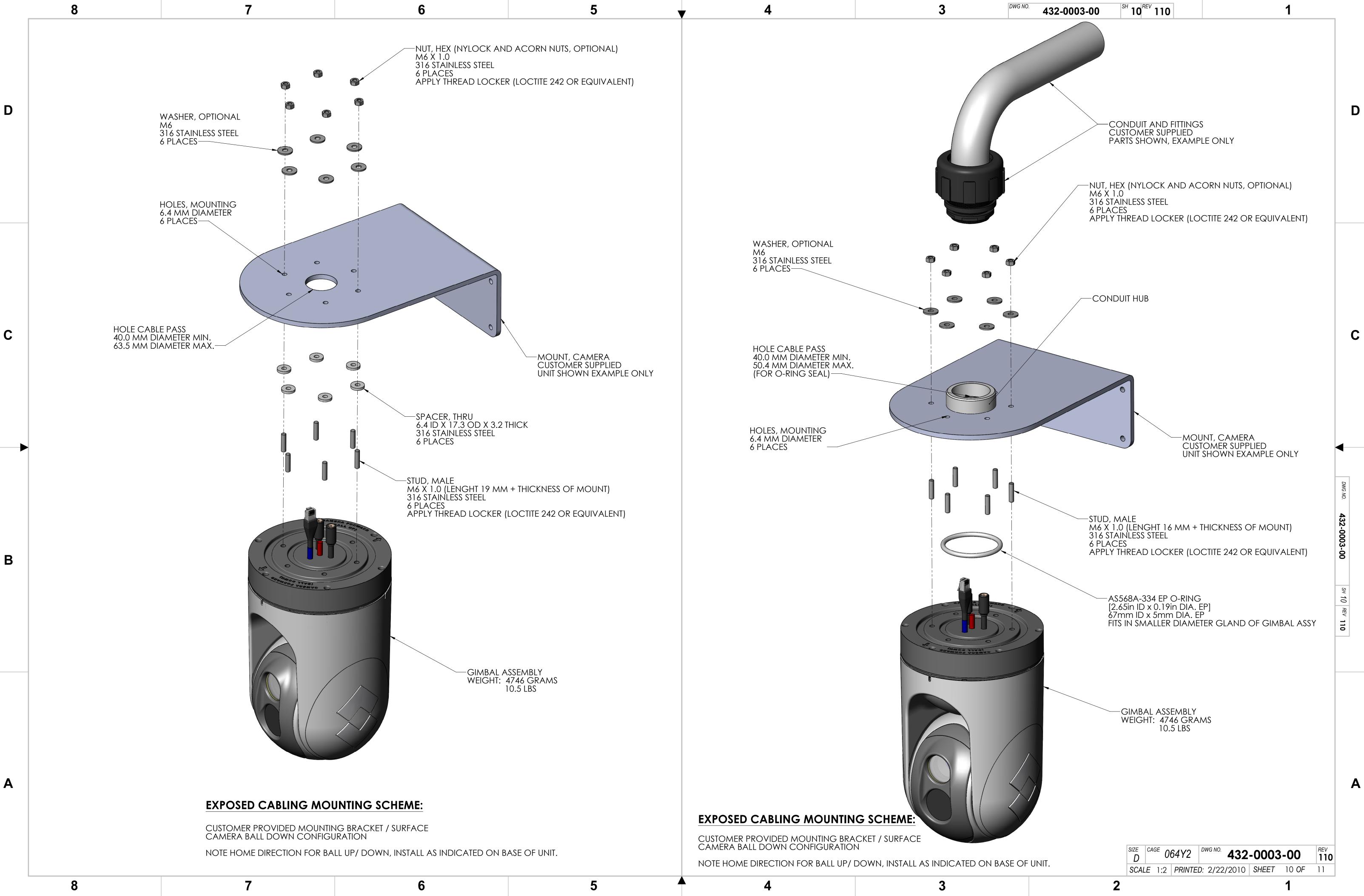
DWG NO.

HIDDEN CABLING MOUNTING SCHEME:

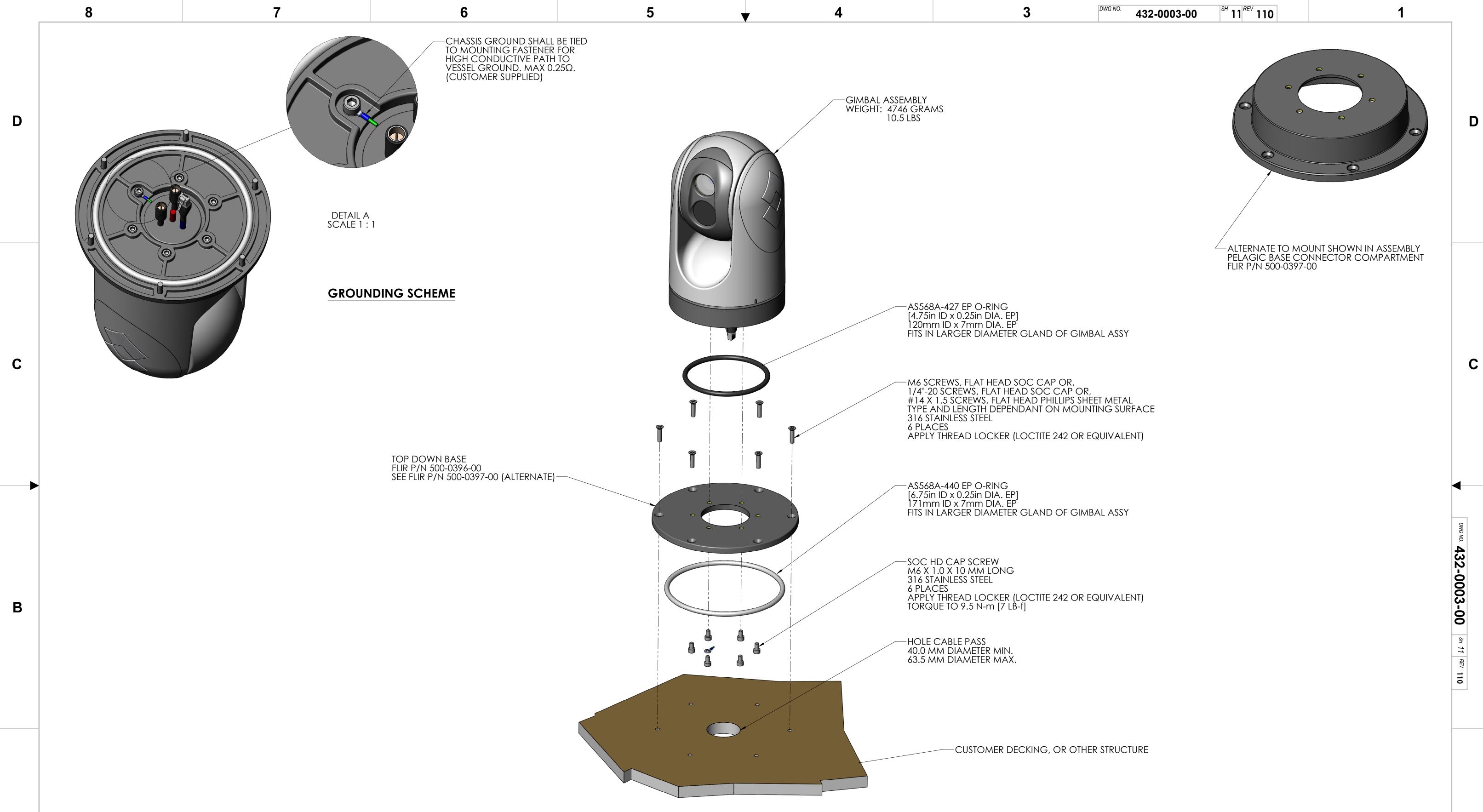
ENTIRE ASSEMBLY VIEW CAN BE ROTATED 180° FOR BALL UP INSTALLATION.

4

SCALE: 3/8



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HIDDEN CABLING MOUNTING SCHEME

FLIR PROVIDED MOUNTING BRACKET(S) CAMERA BALL UP CONFIGURATION

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 | 06 | 64Y2 | DWG NO. | 432 | -0003 | -00 | REV 110 |
|-----------|------|----|--------|---------|-------|-------|-------|------------|
| SCAL | E 1: | 5 | PRINTE | D: 2/22 | /2010 | SHEET | 11 OF | 11 |
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