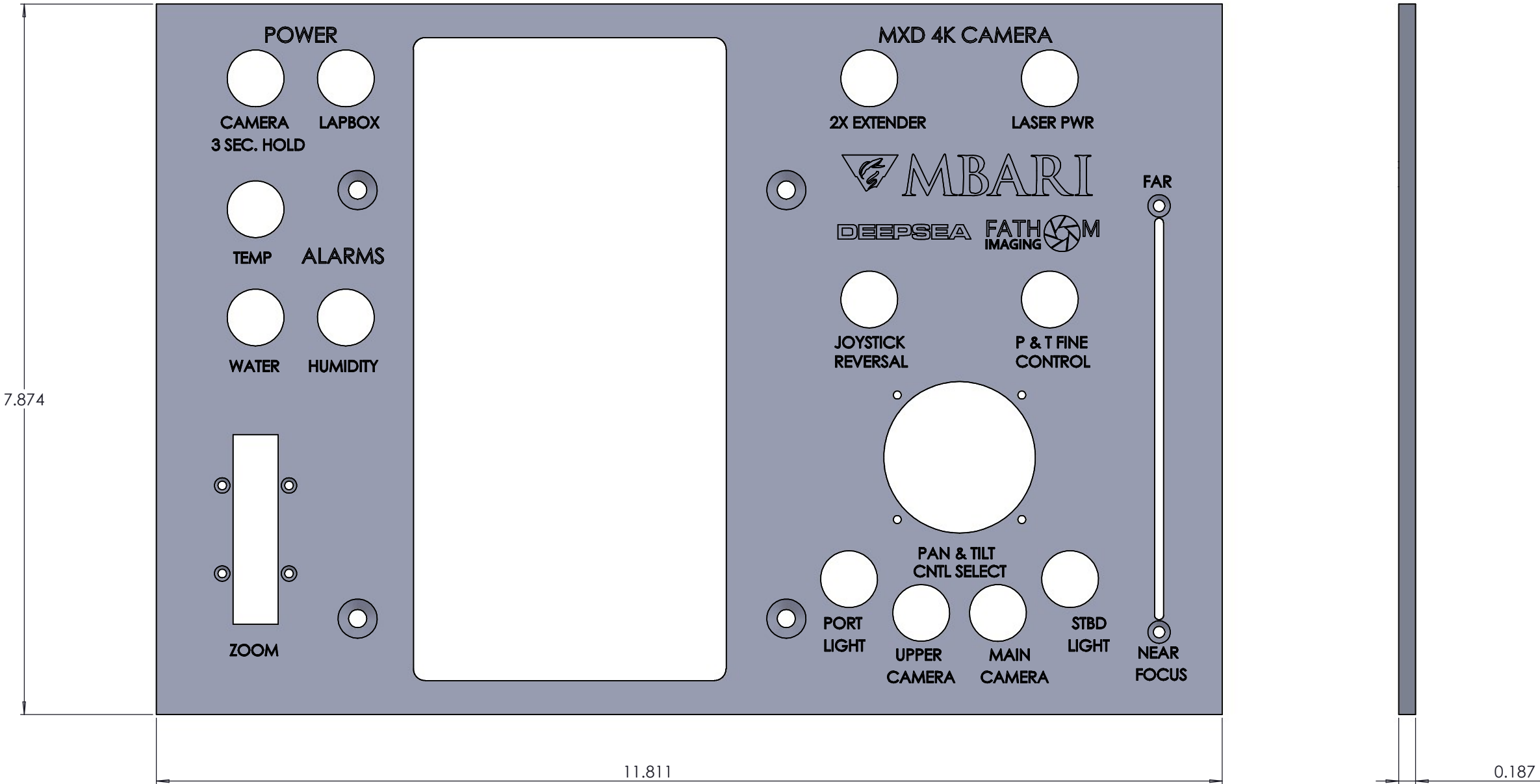


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	Increased joystick cutout, revised lettering	04/21/2021	
C	XX	XX/XX/202X	



NOTE 1. SOLID MODEL LOCATION:
\\atlas\ProjectLibrary\902001_4K_ROVCameraDevelopment\EngineeringDesignDocuments\MechanicalDesign\4K_CameraLapBox\100221414-83-B_4KLapBoxTopPlate.SLDPRT

NOTE 2: ANODIZE PART TO 0.0008 AVERAGE COATING THICKNESS TO MIL-A-8625, Type II, Class 2, color: BLACK. TEFLON FINISH COAT.

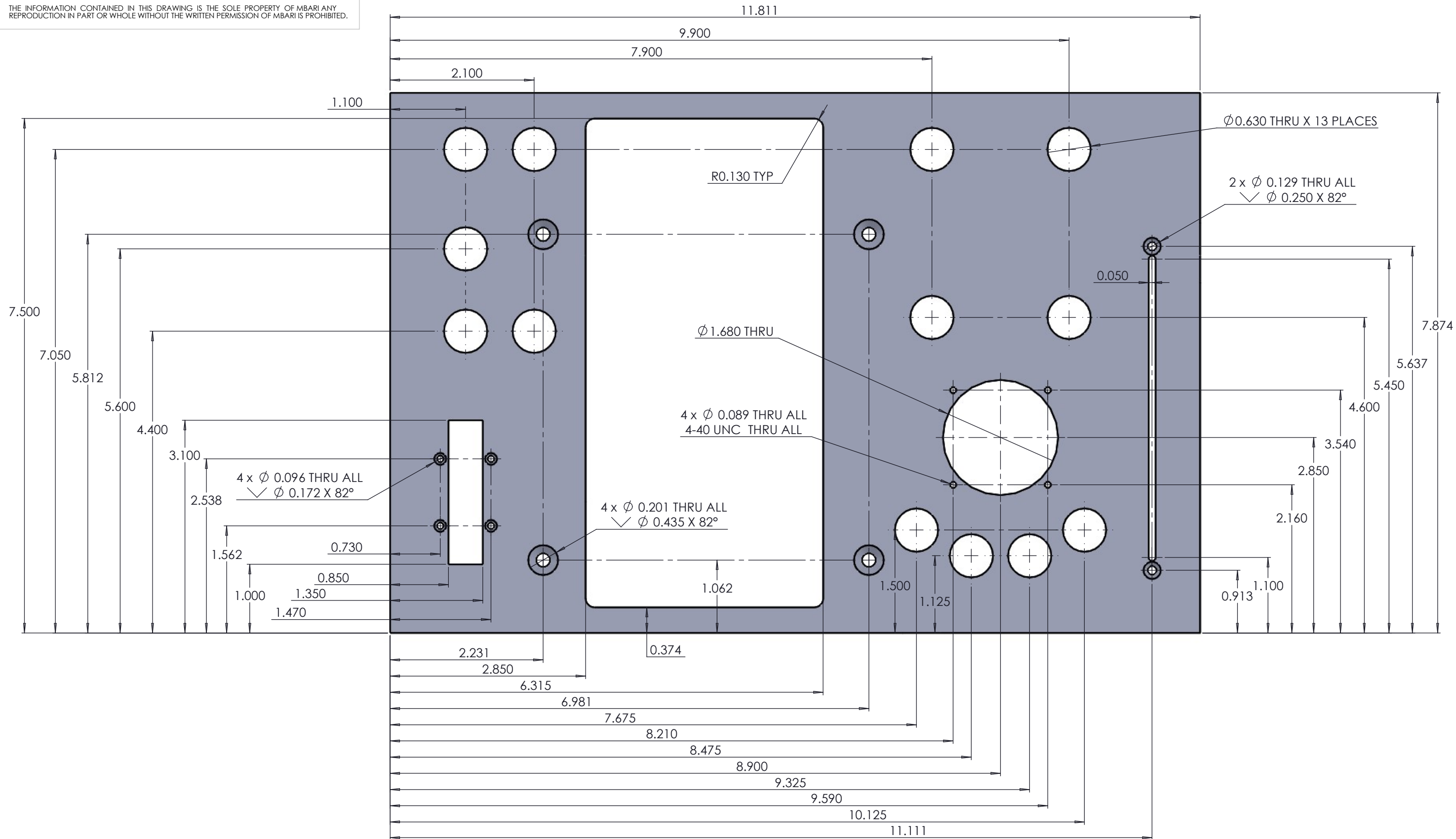
NOTE 3: LETTERING TO BE LASER ETCHED AFTER ANODIZING.

NOTE 4: MATERIAL = 6061 T6 0.187" ALUMINUM PLATE.

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Shop / Q.C.		BILL OF MATERIALS UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE											
Inspector		1 PLACE DIM ±.016	2 PLACE DIM ±.005	3 PLACE DIM ±.005	ANGLE ±°	DRAWN MRC	03/09/2021			MBARI 7700 Sandholdt Rd. Moss Landing, CA 95039 PH: (831) 775-1700				Monterey Bay Aquarium Research Institute					
Shop Foreman		1. DIMENSIONS ARE IN INCHES. 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILET RADIUS .015-.020. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH MAX .012 INCHES FOR SINGLE SURFACE.				ENGINEER	MARK R. CHAFFEY (831) 775-1708 chm@mbari.org												
Engineer						PROJECT NO. 902001			4K CAMERA LAPBOX TOP PLATE										
						PROJECT Name 4K ROV CAMERA			SIZE C DWG. NO. 100221414-83-B-DWG			REV. B							
NEXT ASSY Description	NEXT ASSY Number					PROJECT No. 902001			4K CAMERA LAPBOX TOP PLATE										
APPLICATION		DO NOT SCALE DRAWING				WEIGHT			SCALE CAD FILE:			SHEET 1 OF 2							

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Shop / Q.C.		BILL OF MATERIALS UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS		DATE		 MBARI Monterey Bay Aquarium Research Institute	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.002	3 PLACE DIM ±.003	ANGLE ±1°	DRAWN MRC	03/23/2021		
Shop Foreman		1. DIMENSIONS ARE IN INCHES. 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLER RADII .015-.020. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005. 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				ENGINEER			
Engineer						MARK R. CHAFFEY (831) 775-1708 chm@mbari.org			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	4K CAMERA LAPBOX TOP PLATE		
APPLICATION	DO NOT SCALE DRAWING	WEIGHT	4K ROV CAMERA		SIZE C	DWG. NO.	10022141 4-83-B-DWG	REV.	B
		SCALE	CAD FILE:				SHEET	2	OF 2

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4K CAMERA LAPBOX TOP PLATE

SIZE	DWG. NO.	100221414-83-B-DWG
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v. **D**

SHEET 2 OF 2