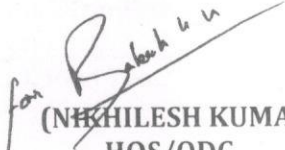


**SIGHT UNIT CASED 102B**  
**AMENDMENTS**

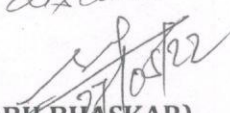
**IN DRG. No.-ODD/M/2921(4-SHTS.)**

	DRG. No.	FOR	READ
1	ODD/M/2921	IN OLD. DRG. SHT. No.-1,2 &3 DELETED	IN NEW DRG. SHT. No.-1,2 &3 ADDED

**AUTHORITY:** - As per verbal instruction by SAURABH BHASKAR( WM/SB).

*for*   
(NILESH KUMAR)  
HOS/ODC

*This is as per direction of  
JGM/etc & his discussion at  
JOL/HQ*

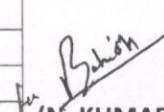
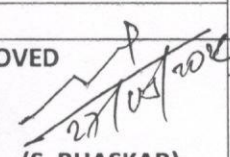
  
(SAURABH BHASKAR)  
WM/SB

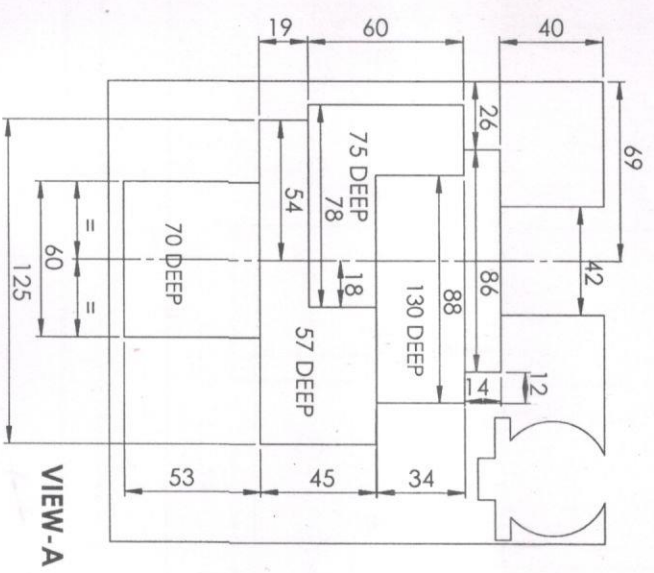
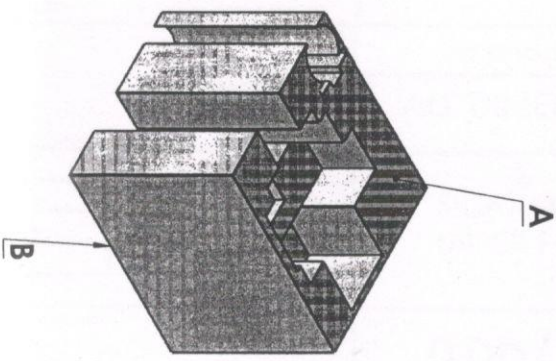
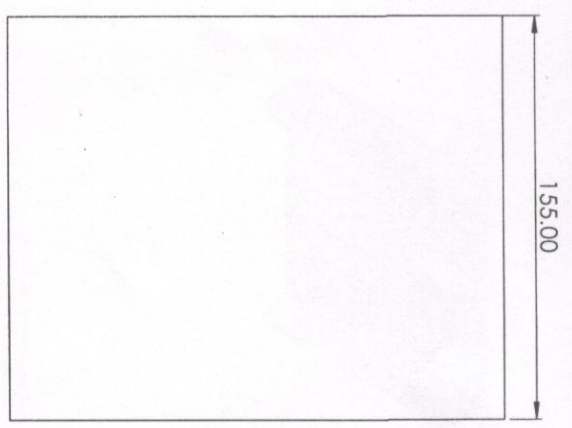
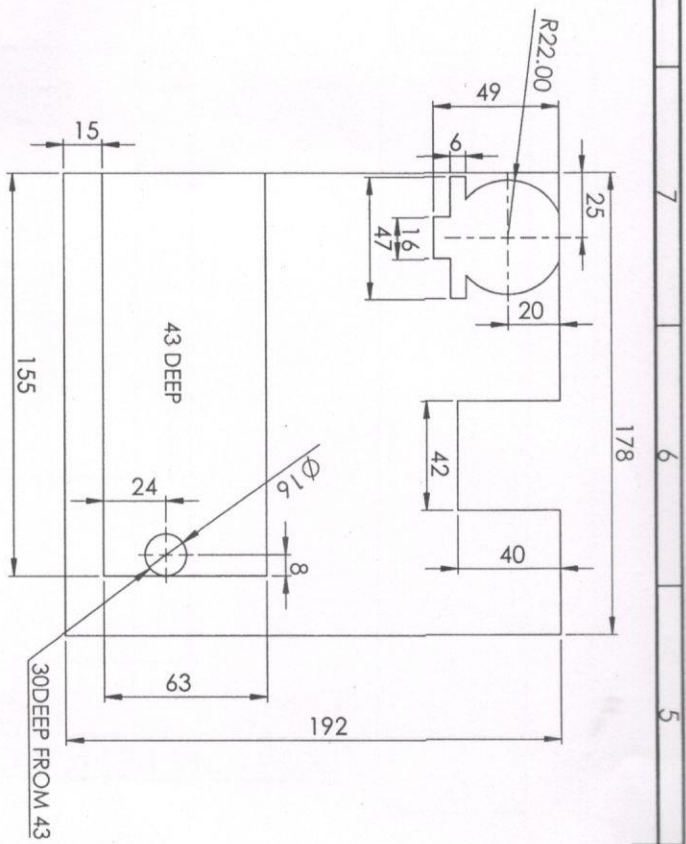
## SPECIFICATION OF HARD CARRYING CASE For Sight Unit Cased 102 B (C2)

Sl. No.	Parameters	Value
1.	Material	Polymer/ABS /FRP
2.	Colour	Black (Non-reflective)
3.	Foam cavity	Refer Sheet 2 & 3
4.	Box design	The design of Box will be done by OEM in order to meet the requirement and standard as given below.
5.	Weight	Weight of the box with Foam should be around 05 kg. or less.
6.	Internal Dimension	178mm X 192mm X 155 + 10mm (Outer dimension as per OEM Design)
7.	The case should withstand following tests as per the specified value:-	
	a. Heat Test	+70°C ± 3°C for 16 hrs.
	b. Cold Test	-40° C ± 3° C for 16 hrs.
	c. Thermal Shock Test	+55°C ± 3°C for 3 hrs then transfer to -30°C ± 3°C for 3 hrs (quick transfer) of 01 cycle.
	d. Bump Test	1000 ± 10 bumps at the rate of 1-3 bumps/sec. The pulse shape for each bump shall be half sine with peak acceleration 40±4 g and duration 6 ms.
	e. Drop Test	Dropped from the height of 1.5 meters into a box containing layers of sand bed 15 cm deep covered with thin cloth. Once on each face.
	f. Rain Test	Spraying for 01 hrs at room temperature on all external surfaces with water at pressure 200 KPa ± 15 %. No ingress of water is permitted

### General Terms & Conditions

- A reference existing box sample can be seen at OFD before participation in the tender for better understanding of the physical and geometrical shape of complete box.
- Sample must be approved before bulk supply.
- The box should have good cosmetics and free from surface & visual defects.
- The box should have provision for pasting Name plate on it.
- The box must be water proof and have sealing gasket of good quality for longevity.
- Gluing of Foams & Gaskets should be proper and clean.
- The upper portion of the box (lid) should have cushioning foam (Pyramid /Wave / Egg shell shape) of suitable thickness to house the spare bulbs.
- The locking arrangement in the box should be of latch type.
- Foam Density - 90-100 kg/cum

	DR.- KULDEEP SAINI (JWM/SG)	DT- 27/05/2022	
		MATL. AS ABOVE	FINISH AS ABOVE
		SHEETS-4	SHEET-1
		<b>ODD/M/2921</b>	
AMENDMENT -	APPROVED		
D.A. No - 15/2022, Date - 27/05/2022	 (N. KUMAR) HOS/ODC	 (S. BHASKAR) WM/SB	



MATL:- HIGH DENSITY FOAM, BLACK,  
DINSITY 90-100 KG/M<sup>3</sup>

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN MILLIMETERS  
SURFACE FINISH:  
TOLERANCES:  
LINEAR  
ANGULAR

FINISH:  
DRAWING AND  
STAMP  
EDGES

DO NOT SCALE DRAWING

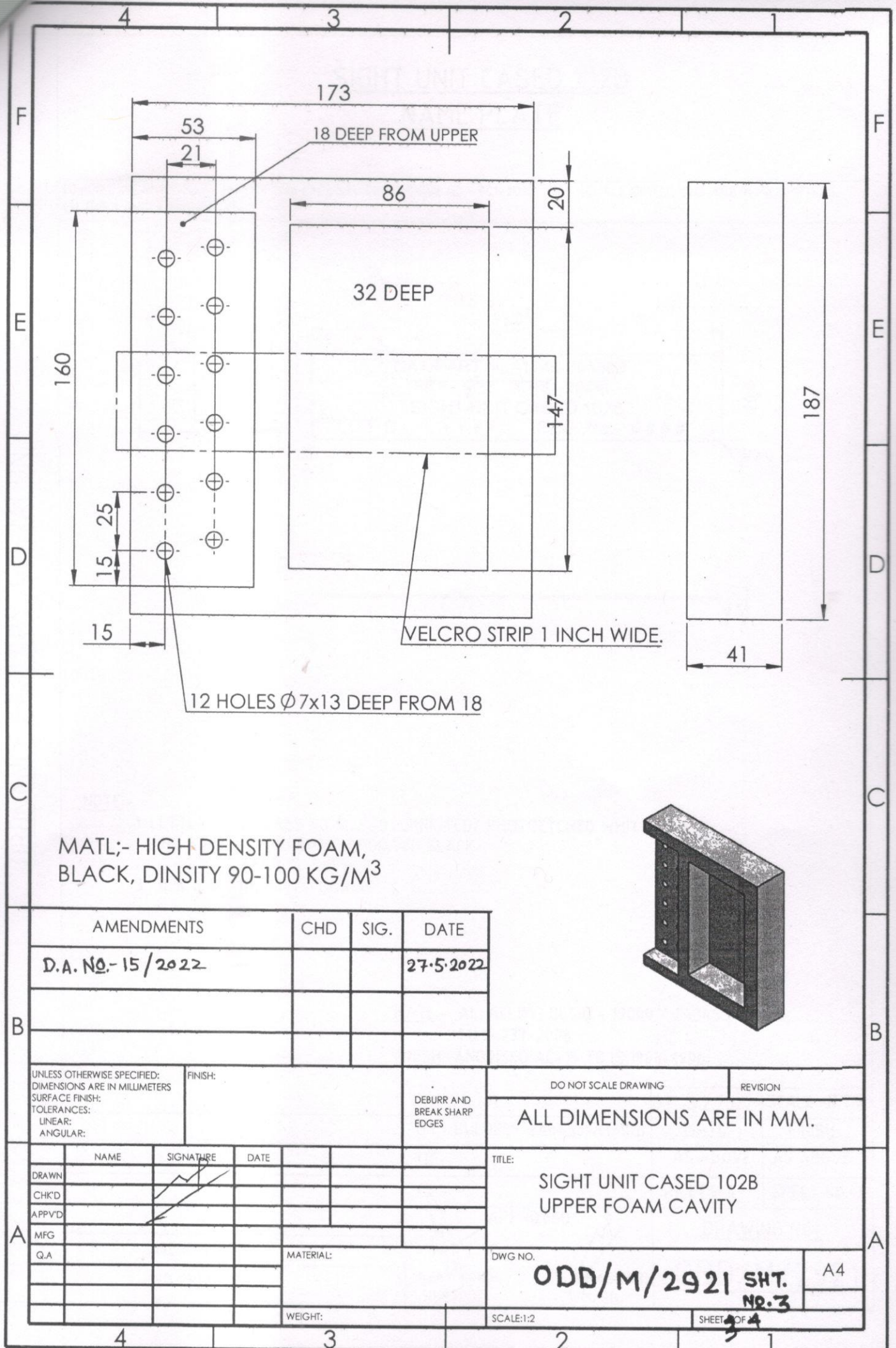
AMENDMENTS	CHD	SIG.	DATE
DA. No. - 15/2022			27.5.2022

TITLE:  
SIGHT UNIT CASED102 B  
LOWER FOAM CAVITY

DWG NO.  
ODD/M/2921 SH.T. No 2

NAME	SIGNATURE	DATE	MATERIAL	WEIGHT
DRWING				
CHKD				
APPVD				
MFG				
QA				

SCALE	SHEET NO
SCALE: 1	4



MATL;- HIGH DENSITY FOAM,  
BLACK, DINSITY 90-100 KG/M<sup>3</sup>

AMENDMENTS	CHD	SIG.	DATE
D.A. No. - 15/2022			27-5-2022

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN MILLIMETERS  
SURFACE FINISH:  
TOLERANCES:  
LINEAR:  
ANGULAR:

FINISH:

DEBURR AND  
BREAK SHARP  
EDGES

DO NOT SCALE DRAWING

REVISION

ALL DIMENSIONS ARE IN MM.

	NAME	SIGNATURE	DATE		
DRAWN					
CHK'D					
APP'V'D					
MFG					
Q.A					

TITLE:

SIGHT UNIT CASED 102B  
UPPER FOAM CAVITY

MATERIAL:

DWG NO.

ODD/M/2921 SHT.  
NO. 3

A4

WEIGHT:

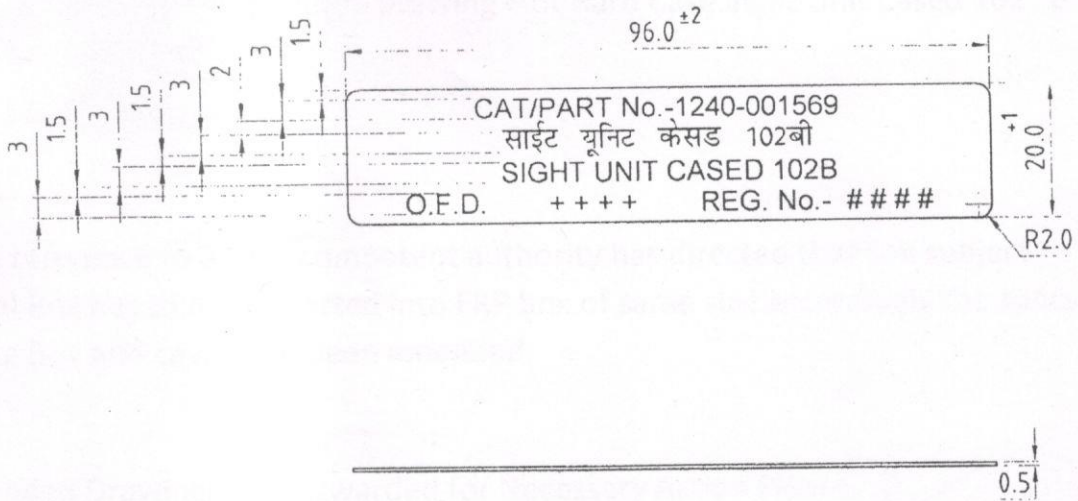
SCALE:1:2

SHEET 3 OF 4

# SIGHT UNIT CASED 102B NAME PLATE

(1) FOR EXPLANATION OF DIMENSIONS ETC., SEE COA(I) GUIDE NO.- 001-2016  
(3) THIRD ANGLE PROJECTION

(2) ALL DIMENSIONS ARE IN MILLIMETERS.



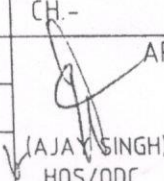
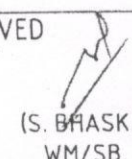
ORDNANCE FACTORY, DEHRADUN.

**NOTE:-**

1. LETTERS & FIGURES TO BE PHOTOPRINTED/ PHOTOETCHED WHITE AND BACKGROUND TO BE ANODISED BLACK.
2. + + + + - YEAR OF SUPPLY
3. # # # # - REGISTRATION NO.

**MATL:-** AL. ALLOY, DESIG.- 19000 / 24345 / 64430,  
TO IS:737-2008

**FINISH:-** ANODISED AC-15 TO IS:1868-1996

		DT.-5.2.2022	SCALE:-N.T.S
	DR.- KULDEEP SAINI (JWM/SG)	<u>MATL.</u>	<u>FINISH</u>
	TR.-	AS ABOVE	AS ABOVE
	CH.-	SHEETS-4	SHEET NO.-4
AMENDMENTS.	APPROVED	<u>DRAWING NO-</u>	
OFD/DO/002	 (AJAY SINGH) HOS/ODC	 (S. BHASKAR) WM/SB.	<u>ODD/M/2921</u>