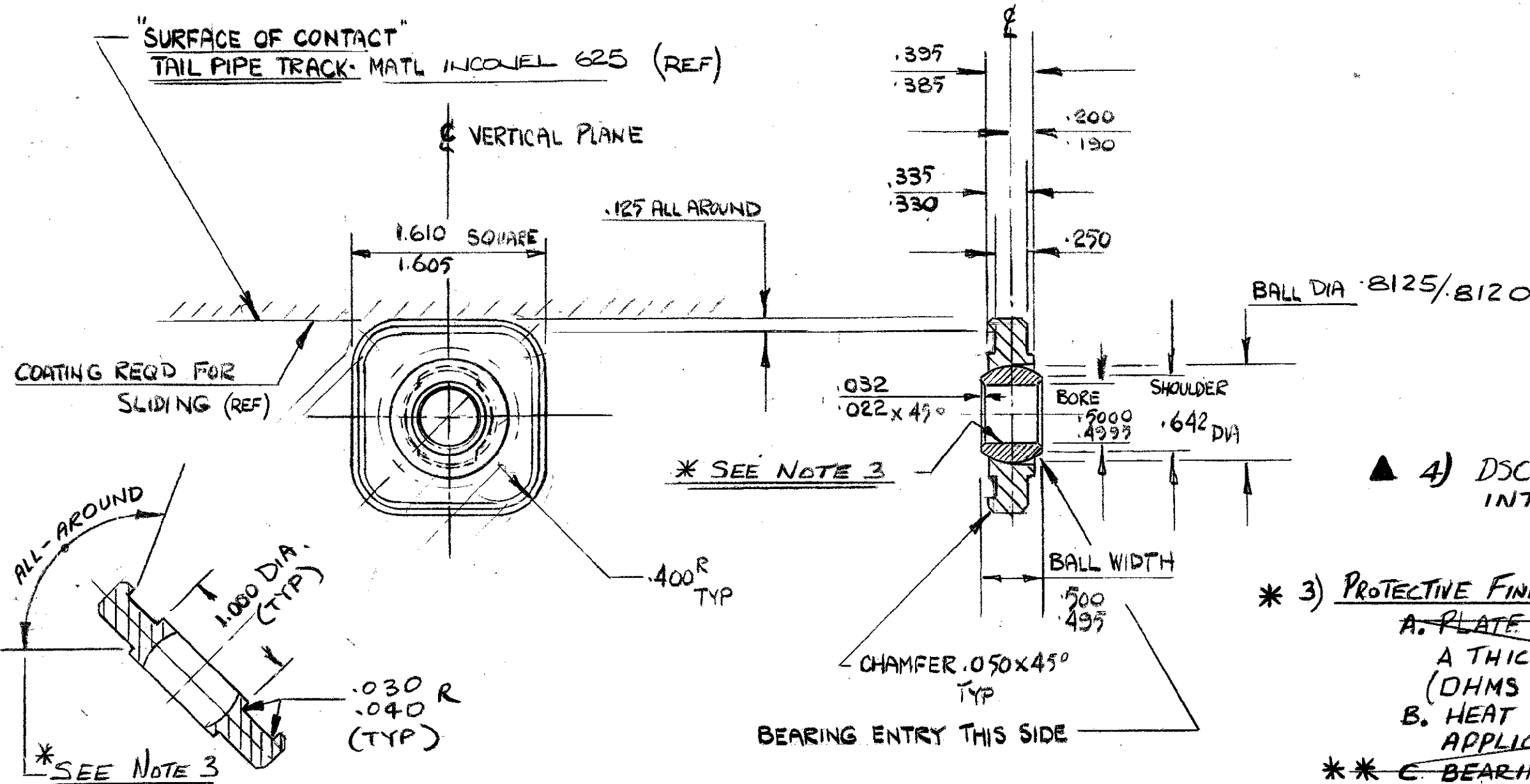


**REPORT ALL DRAWING ERRORS TO
ENGINEERING**

REVISIONS

CHANGE	ITEM NO.	ZONE	DESCRIPTION	MOD. NO.	DATE	DRAWN	CHECKED	STRESS	APPROV.
A			ASTRO'S BALL PART NUMBER ADDED - NMB ADDED		8-23-88	JK	R. Noddy		
B			NOTE 3 PROTECTIVE FINISH & DSC 257-3 ADDED. REF 8/0288		9-10-88	JK	R. Noddy		
C			NIBRON COATING ADDED TO BORE & VALLEY TODECO No. ADDED		11-14-86	JK	R. Noddy		
D			NOTE 4 ADDED		11-17-86	JK	R. Noddy		
E			REQUIREMENTS FOR NIBRON COATING CANCELLED FOR DSC 257-3.		12-17-89	JK	R. Noddy		



▲ 4) DSC 257-2 AND DSC 257-4 BALLS CAN BE USED INTERCHANGEABLY.

* 3) PROTECTIVE FINISH (SEE ZONE C4)

~~A. PLATE INDICATED SURFACES WITH NIBRON (DHMS C4.15 CLASS 1) TO A THICKNESS OF .0009 $\pm$.0001 AND COAT WITH NIBROLUBE #3 (DHMS C4.15 CLASS 4) TO A THICKNESS OF .0001 NOMINAL~~
~~B. HEAT TREAT THE NIBRON TO 675 $\pm$ 25°F FOR 90 MIN. BEFORE APPLICATION OF NIBROLUBE #3~~

~~** C BEARING WITH NIBRON COATING SHALL BE DSC 257-3~~

APPROVED VENDORS						
PART NO	ASTRO	PSI	VALLEY TODECO	NMB	KAHR	
DSC 257-1	ASB8-75	P22220	VTB 08820	AMB8-200		
DSC 257-2	AIR8-47	P22221	VTB 08821	AMB8-201		
DSC 257-3			VTB 07360			KMB8-28
DSC 257-4			VTB 07361			KS48-42

2) THE BEARING BALL IS A REPLACEABLE ELEMENT AND CAN BE ORDERED UNDER PART NUMBER DSC257-2 (FOR -1 ASSY) & DSC257-4 (FOR -3 ASSY)

1) COMPLETE BEARING PART NUMBERS DSC257-1 & DSC257-3 CONSIST OF A SQUARE OUTER RACE AND A REPLACEABLE BALL.

PROCUREMENT SHALL SPECIFY THE DSC AND THE
VENDOR PART NUMBER ON THE PURCHASE ORDER

MATERIAL: BALL - STELLITE #6 AMS 5387 Rc 37 MIN

RACE - CRES AMS 5362 (347)
AMS 5525 or AMS 5737 (A286)

FINISH: BALL - SPHERICAL SURFACE SHALL BE LUBRICATED
WITH A HIGH TEMPERATURE DRY FILM LUBRICANT
RACE - SPHERICAL BORE AND SQUARE OUTER SURFACES
SHALL BE NITRIDED PER AMS2753 OR
MALCOMIZED

PERFORMANCE:

TEMPERATURE	-65°F TO 1200°F
ULTIMATE LOAD - RADIAL	400 LBS
AXIAL	150 LBS
RADIAL CLEARANCE	.0005 TO .0020

DO NOT SCALE DWG

878000002	DHC B	4	POSTN 6/028
DSC 257-3			
878000001	DHC B	4	PREM 6/028
NEXT ASSY	USED ON	NO. RECD PER A/C	EFFY.
PART NO. DSC 257-1			

[illegible]