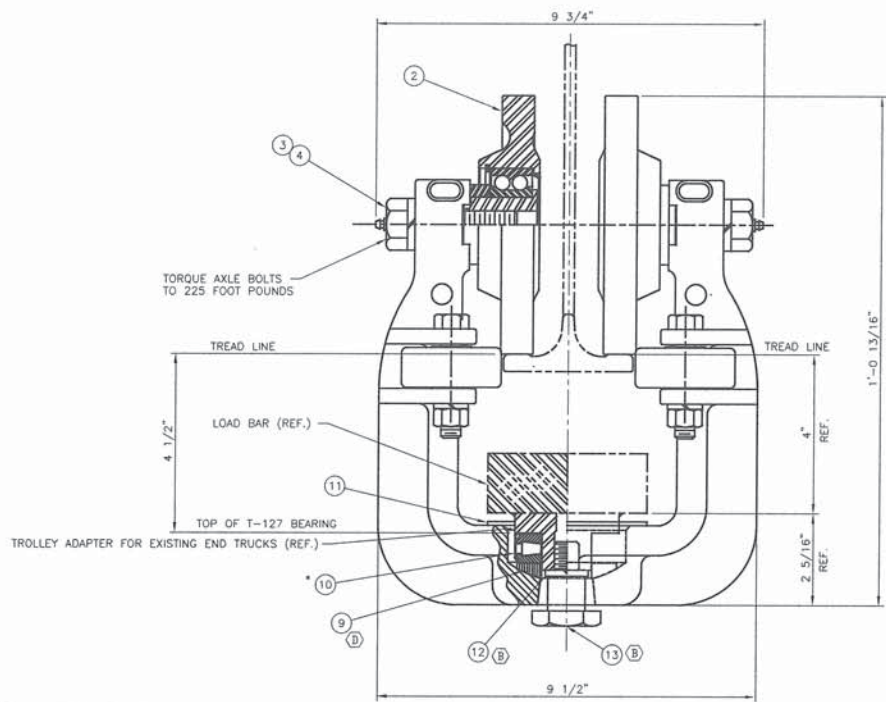
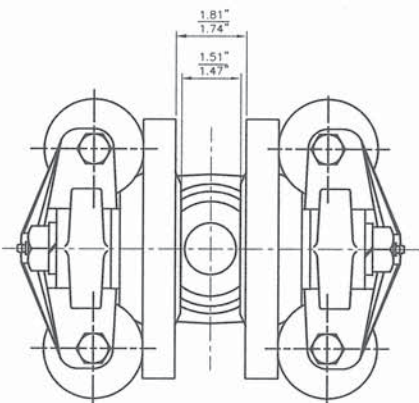
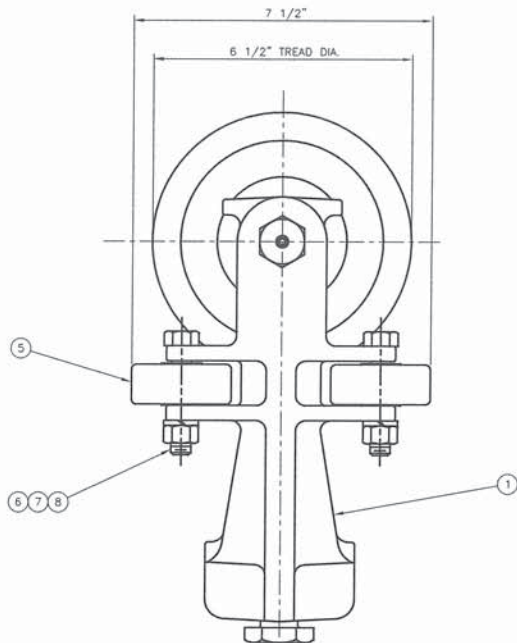




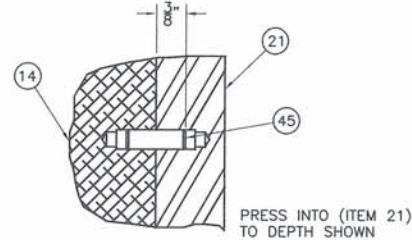
- NOTE:
- * 1. THRUST BEARING MUST BE INSTALLED AS ILLUSTRATED. (SHEET METAL RETAINER OVER TOP.)
 - 2. REFER TO DRAWING 10-2807-00 FOR TROLLEY WITH PREGREASED WHEELS



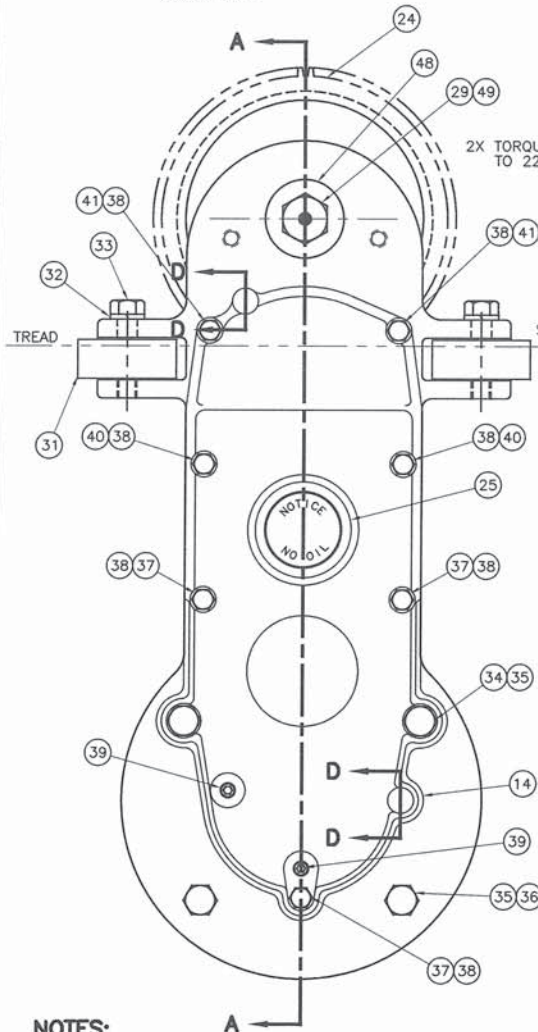
25-3148-00	13	1	RETAINING SCREW
21-1005-00	12	1	5/8" LOCK WASHER
23-1025-00	11	1	DUST SHIELD
23-1026-00	10	1	THRUST BEARING - TIMKIN T-127
25-3142-00	9	1	SPHERICAL WASHER
21-1022-00	8	4	1/2" LOCK WASHER
21-1024-00	7	4	1/2"-13 UNC HEX. NUT
21-1597-00	6	4	1/2"-13 UNC x 2 3/4" LG. HEX. HD. BOLT
23-1021-00	5	4	2 1/2" DIA. SIDE ROLLER
21-1054-00	4	2	3/4" LOCK WASHER
10-2766-00	3	2	AXLE BOLT, 3/4" REGREASABLE
10-2737-00	2	2	6 1/2" DIA. FLANGLESS WHEEL
25-3117-01	1	1	YOKE
PART NUMBER			ITEM QTY DESCRIPTION
TC AMERICAN TC/AMERICAN MONORAIL, INC. ST. MICHAEL, MN 55376			
TITLE: TROLLEY ASSEMBLY - 325 SERIES 2 WHEEL 6 1/2" Ø FLANGLESS - 8000# CAPY. (REGREASEABLE WHEELS) ©			
D 2-20 81 DJH			DRWN BY: DJH
C 8-20 81 DJH			JOB NO: ECO 2272
B 8-20 81 DJH			CHK'D BY:
A 2-20 81 DJH			DATE: 3/20/91
QUALIFIER			SIZE: 6" = 1"
VENDOR			DATE: 3/20/91
DESC.			SIZE: 4
CHANGES			DWG. 10-2730-00
REV	DATE	BY	REV D

NOTE:
INSTALL (ITEM 43) UNDER
BEARING SNAP RING

DETAIL C
SCALE: FULL

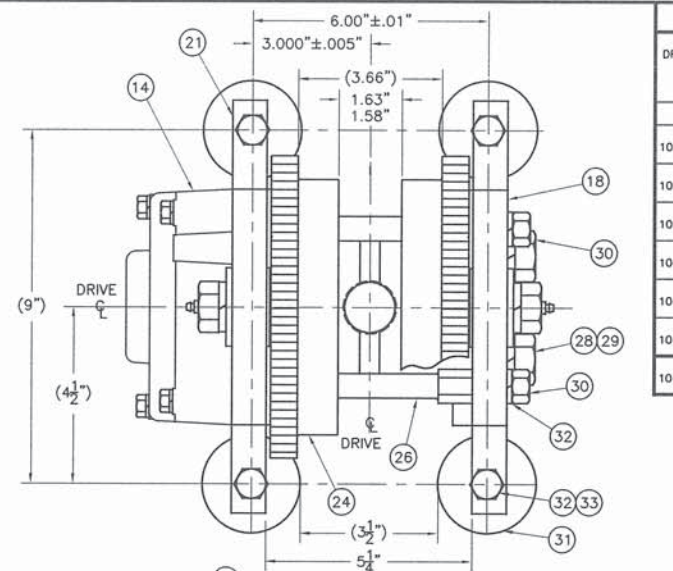


SECTION D-D
(2) PLACES
SCALE: FULL



NOTES:

1. COAT GEARS WITH MOLYKOTE GREASE PRIOR TO ASSEMBLY.
2. TROLLEY SPEEDS (FEET PER MINUTE) ARE BASED ON FULL LOAD MOTOR AT 1750 RPM $\pm 10\%$. 30 FPM IS BASED ON FULL LOAD MOTOR AT 1140 RPM $\pm 10\%$.
3. SEE DWG. 22-1324-00 FOR ASSEMBLY PROCEDURE FOR MOTOR "C"-FACE ADAPTOR AND DRIVE PINION.
4. USE POLY BAG, 10 x 12 FOR LOOSE PARTS AND WIRE TO FRAME
5. APPLY PERMATX 85224 OR EQUAL TO ANY UNGASKETED OR UNSEALED METAL-ON-METAL JOINTS IN GEARBOX. IN PARTICULAR SEAL OUTPUT PINION/BEARING, TIE RODS, DRAIN PLUG AND FILL PLUG. WHEN MOUNTING THE MOTOR PINION REMOVE THE KEY FROM THE MOTOR SHAFT AND APPLY SEALANT TO THE MOTOR SHAFT, PINION BORE, SETSCREWS, KEYWAYS AND KEY TO SEAL ALL JOINTS.

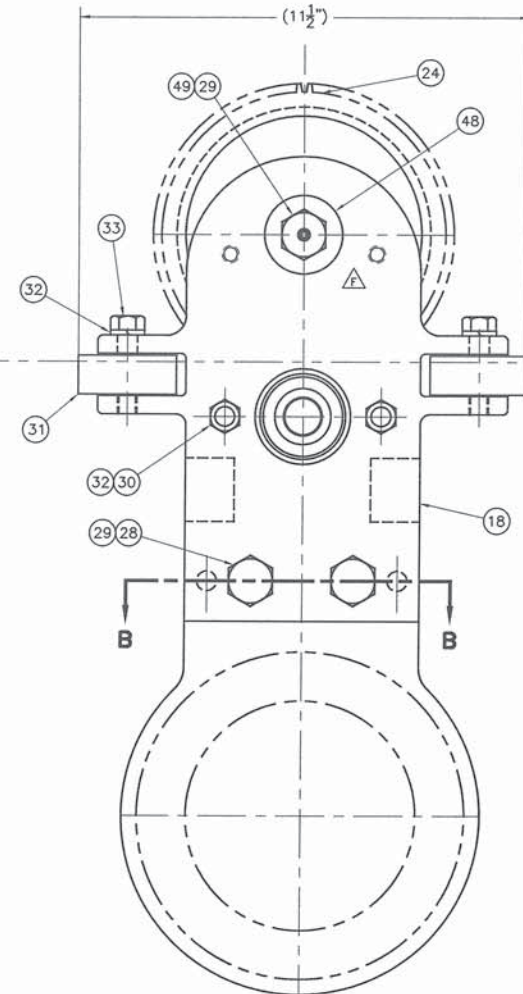


SECTION A-A

07	TC/A	200 FT/MIN
06	TC/A	150 FT/MIN
05	TC/A	125 FT/MIN
04	TC/A	100 FT/MIN
03	TC/A	75 FT/MIN
02	TC/A	50 FT/MIN
01	TC/A	30 FT/MIN
QUALIFIER	VENDOR	DESC.

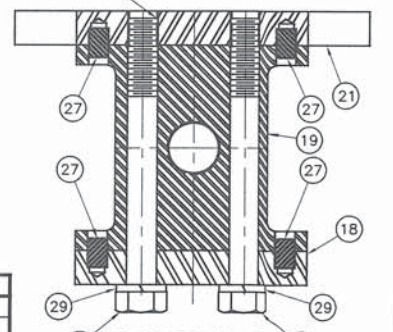
STANDARD SPEED GEAR CHART 6 1/2" Ø "A" DRIVE

DRIVE ASS'Y NO.	TROLLEY SPEED FT/MIN (NOTE 2)	NUMBER OF TEETH ON GEARS (REF.) GEAR PART NO.					
		GEAR #1 BORE SIZE	GEAR #2	GEAR #3	GEAR #4	GEAR #5	GEAR #6
		0.625" I.D.	0.875" I.D.				
10-2890-01	30	18T 10-2643-01	18T 10-2643-02	24T 201F1158D1	24T 201F1152D1	48T 201F1158D1	48T 201F1150D1
10-2890-02	50	18T 10-2643-01	18T 10-2643-02	48T 201F1158D1	24T 201F1152D1	48T 201F1158D1	48T 201F1150D1
10-2890-03	75	21T 10-2643-03	21T 10-2643-04	45T 201F1157D1	24T 201F1152D1	48T 201F1158D1	45T 201F1157D1
10-2890-04	100	24T 10-2643-05	24T 10-2643-06	42T 201F1156D1	30T 201F1153D1	42T 201F1156D1	48T 201F1150D1
10-2890-05	125	24T 10-2643-05	24T 10-2643-06	42T 201F1156D1	30T 201F1153D1	42T 201F1156D1	45T 201F1157D1
10-2890-06	150	36T 10-2643-07	36T 10-2643-08	30T 201F1153D1	24T 201F1152D1	48T 201F1158D1	48T 201F1150D1
10-2890-07	200	21T 10-2643-03	21T 10-2643-04	45T 201F1157D1	42T 201F1156D1	30T 201F1153D1	45T 201F1157D1



NOTE:

USE PERMATX NO.2 (ITEM 42)
ON THREADS OF ITEM 28 AND 26
ON GEAR BOX SIDE

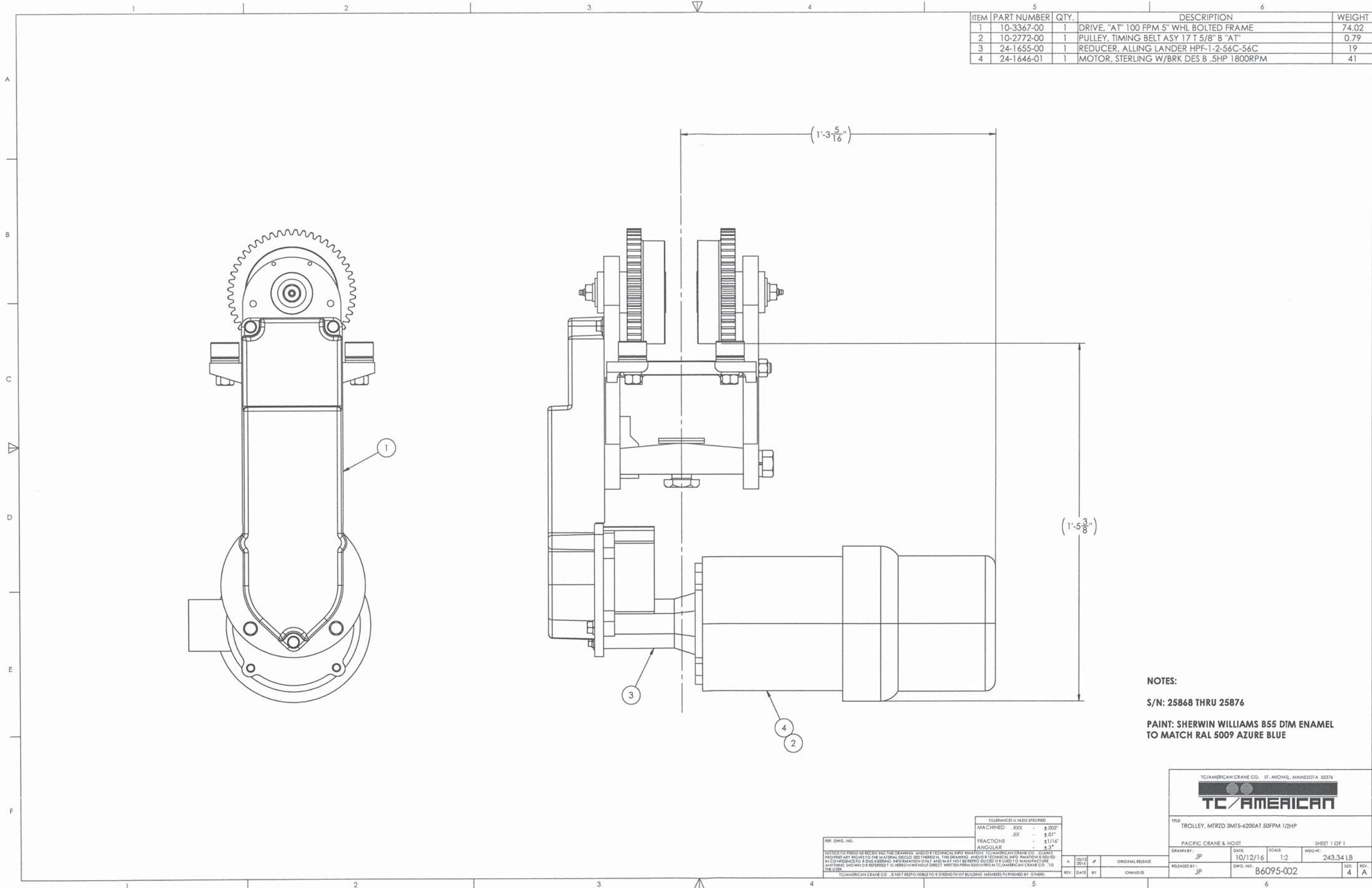


SECTION B-B

ECO 2471

REV	DATE	BY	CHKD	APP'D	DESCRIPTION
1	11/4/83	DP			10-2890-00

TC/AMERICAN MONORAIL, INC. ST. MICHAEL, MINNESOTA 55378	
TC/AMERICAN	
TITLE: TROLLEY, MTRDZ 3MT6-8000-A2 ASSEMBLY 325 SERIES A-DRIVE 6-1/2" NON SEALED WHEELS; BOLTED FRAME DESIGN	
DATE: 11/4/83	SCALE: 8"=12"
DESIGN: DH	REVISION: 190 LBS.
RELEASED BY: DP	DATE: 10-2890-00
REV: 4	REV: N



ITEM	PART NUMBER	QTY.	DESCRIPTION	WEIGHT
1	10-3367-00	1	DRIVE, "AT" 100 FPM 5" WHL BOLTED FRAME	74.02
2	10-2772-00	1	PULLEY, TIMING BELT ASY 17 T 5/8" B "AT"	0.79
3	24-1655-00	1	REDUCER, ALLING LANDER HPF-1-2-56C-56C	19
4	24-1646-01	1	MOTOR, STERLING W/BRK DES B .5HP 1800RPM	41

TC/AMERICAN CRANE CO. ST. MICHAEL, MINNESOTA 55376			
TC/AMERICAN			
TITLE: TROLLEY, MTRZD 3MTS-6200AT 50FPM 1/2HP			
PACIFIC CRANE & HOIST		SHEET 1 OF 1	
DRAWN BY: JP	DATE: 10/12/16	SCALE: 1:2	WEIGHT: 243.34 LB
RELEASED BY: JP	DWG. NO: B6095-002	REV. 4	A