

9

8

7

6

5

4

3

2

1

NOTES:

1

PLACE SHIPPING LABELS (ITEM 10) ON PACKAGED UNIT BEFORE SHRINK WRAPPING, PLACE "LIFT THIS SIDE" STICKER ON WEIGHT STACK END.

2

PLACE ITEMS 1, 2, AND 3 INSIDE ITEM 5.

3

USE ITEMS 6, 7, 8, AND 9 TO SECURE ITEM 12 TO PALLET (ITEM 4), PLACE ITEM 7 AGAINST POWDERCOAT OF ITEM 12.

4

ITEM 12 NOT SHOWN IN PACKAGED CONFIGURATION.

1180

765

1

10

2

5

3

2

1

12

4

1696

2X 8 7 9

1696

2X 7 9 6

REVISION HISTORY

REV	DATE	DESCRIPTION	ECO	BY
A	05-19-10	RELEASE FOR PRODUCTION	13288	AE

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	620-7935	MANUAL, INSTALL, DELTOID RAISE, IP-S4306	1
2	620-7942	MANUAL, OWNERS, IP	1
3	620-7943	CARD,REG,WARRANTY, IP	1
4	731-0178	PALLET,765 x 1180 x 152	1
5	731-0246	BAG,225mm X 332mm	1
6	731-0256	SCREW,M6,25mm,W,HE,ZP	2
7	731-0294	WASHER,M8,NYLON	4
8	731-0354	SCREW,M8 X 1.25,25MM,HHM,HE	2
9	731-0355	WASHER,PLAIN,M8,NARROW	4
10	731-0895	STICKERS,PACKAGE,DELTOID RAISE	1
11	731-1667	PACKING KIT, DELTOID RAISE	1
12	IP-S4306-XXXXS	ASSY, DELTOID RAISE	1

DOCUMENT STATUS:
RELEASE

CLASS OF WORK

UNLESS OTHERWISE SPECIFIED DIMS ARE IN mm.
TOLERANCES FOR MEASURE OF LENGTH ARE:

ANGLES = ±2°

	0.5 to 3	> 3 to 6	> 6 to 30	> 30 to 120	> 120 to 400	> 400 to 1000	> 1000 to 2000	> 2000
FINE	±0.05	±0.05	±0.1	±0.15	±0.2	±0.3	±0.5	-----
MEDIUM	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
COARSE	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	±4
VERY COARSE	-----	±0.5	±1	±1.5	±2.5	±4	±6	±8

MATERIAL
SEE BOM

FINISH
N/A

VENDOR: N/A

P/N: N/A

THIRD ANGLE PROJECTION

UNISEN, INC. DBA
STAR TRAC

14410 Myford Road
Irvine CA 92606

STARTRAC PART NO
9IP-S4306-XXXXS

REV
A

TITLE
IP,SSS,DELTOID RAISE

SCALE: 1:25

SHEET 1 OF 1

SHEET SIZE: B

9

8

7

6

5

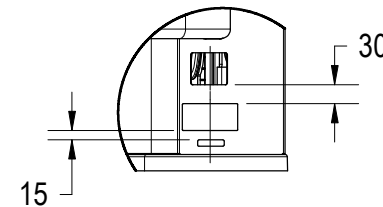
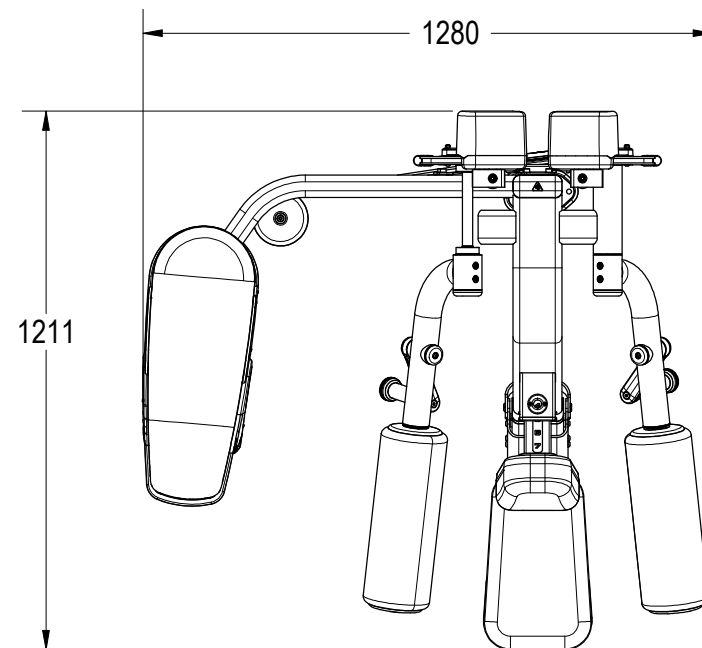
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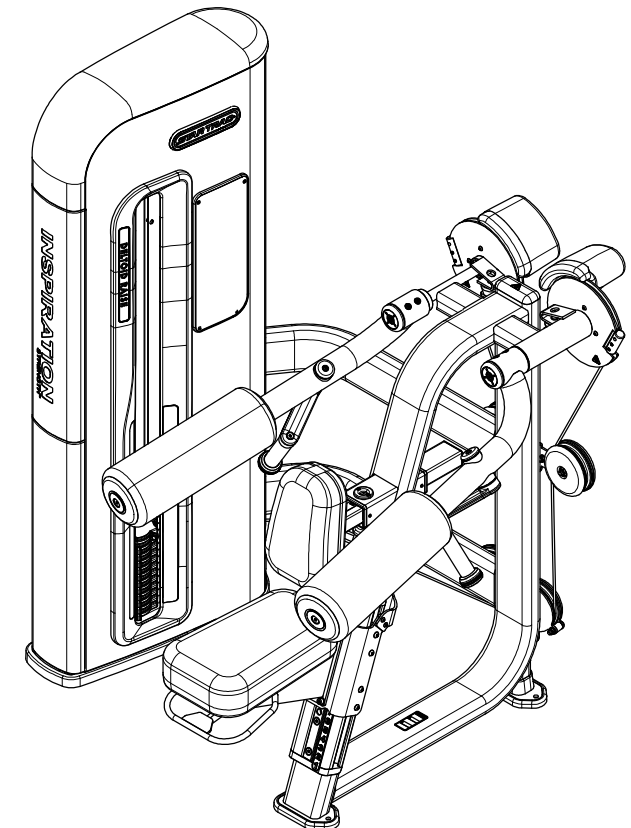
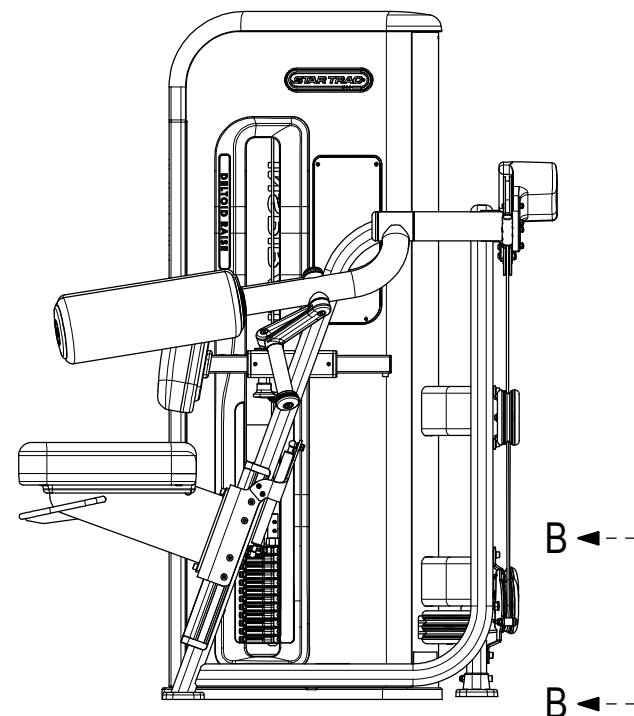
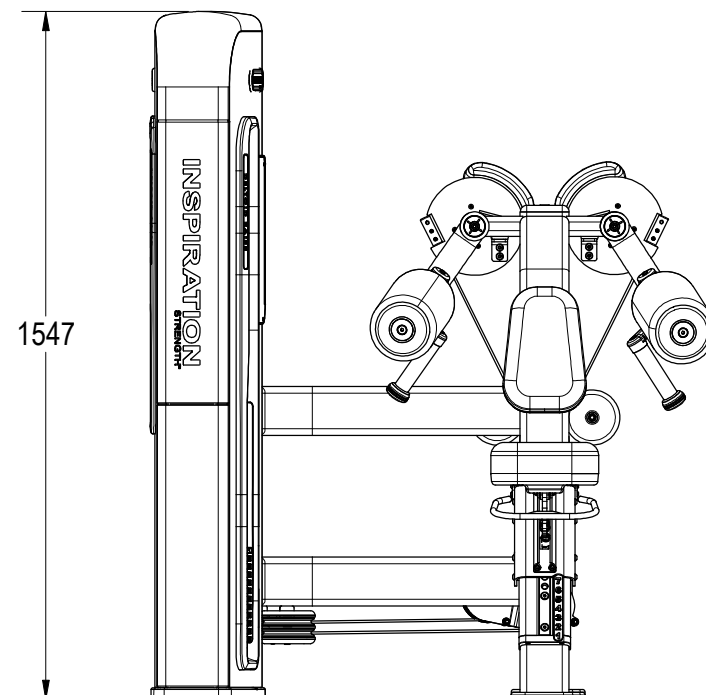
2

1

REVISION HISTORY				
REV	DATE	DESCRIPTION	ECO	BY
A	06-17-09	RELEASE FOR PRODUCTION	12193	DMM
B	10-07-09	UPDATES THRU PILOT BUILD -- SEE ECO DOC FOR DETAILS	12270	DMM
C	12-02-09	ADDED ITEM 731-0660; ADD C'BORE TO 731-1075 AND SWITCHED TO SHCS	12328	DMM
D	05-19-10	ADDED NOTES 1 & 2, ADDED 731-0509	13269	TD



DETAIL B
SCALE 1 : 12



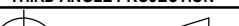
NOTES:

1. ASSEMBLE AND INSPECT TO SOP 620-7918. 
-  2. INSTALL Kg STICKER AND AFFIX Lb STICKER TO INSIDE OF SHROUD WITH TAPE. 

NOTICE OF PROPRIETARY INFORMATION

THIS DOCUMENT SHALL NOT BE REPRODUCED NOR
SHALL THE INFORMATION CONTAINED HEREIN BE USED
BY OR DISCLOSED TO OTHER EXCEPT AS EXPRESSLY
AUTHORIZED BY UNISEN INC. D.B.A. STAR TRAC.

**DOCUMENT STATUS:
RELEASE**

CLASS OF WORK		UNLESS OTHERWISE SPECIFIED DIMS ARE IN mm. TOLERANCES FOR MEASURE OF LENGTH ARE:							ANGLES = ±2°	MATERIAL SEE BOM ON SHEET 2	THIRD ANGLE PROJECTION			UNISEN, INC. DBA  14410 Myford Road Irvine CA 92606			
		0.5 to 3	> 3 to 6	> 6 to 30	> 30 to 120	> 120 to 400	> 400 to 1000	> 1000 to 2000			> 2000						
FINE		±0.05	±0.05	±0.1	±0.15	±0.2	±0.3	±0.5	----			INITIAL	DATE	STARTRAC PART NO	REV		
MEDIUM	X	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2		FINISH N/A	DRAWN	DMM	06/09/09	IP-S4306-XXXXS	D	
COARSE		±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	±4			CHECKED			TITLE		
VERY COARSE		----	±0.5	±1	±1.5	±2.5	±4	±6	±8	VENDOR: N/A	P/N: N/A		U.O.M.	MM	SCALE: 1:17	SHEET 1 OF 10	SHEET SIZE: B
													ASSY, DELTOID RAISE				

9					8					7					6					5					4					3					2					1				
J	ITEM NO.				PART NO.				DESCRIPTION				731				D	ITEM NO.				PART NO.				DESCRIPTION				731				J										
I	1				731-0001				WASHER, 20mm X 7mm X 1mm				2				I	45				731-0389				SCREW,M8 X 1.25,35mm,BHC,HK				4				I										
	2				731-0003				PIN, DOWEL, 5 X 20				2					46				731-0390				SCREW,M8 X 1.25,25mm,SHC,HK				12					I									
H	3				731-0021				SHOE,75X147.7				2				H	47				731-0397				SCREW,M8 X 1.25,25mm,FHM,HK				3				H										
	4				731-0033				NUT, RIVET,M8 X 1.25				18					48				731-0398				SCREW,M8 X 1.25,70mm,BHC,HK				1					H									
G	5				731-0040				STOP,Ø50X26,RUBBER				2				G	49				731-0421				SCREW, M8 X 1.25, 30MM, SHC, HK, CS				8				G										
	6				731-0079				SHROUD, INSIDE, SHORT				1					50				731-0432				ASSY, WGT STK, 60kG				1					G									
F	7				731-0080				SHROUD, OUTSIDE, SHORT				1				F	51				731-0462				PLACARD, DELT RAISE				1				F										
	8				731-0113				ASSY,2.5Kg,ADD ON				1					52				731-0480				STICKER,LENTICULAR,DELT RAISE				1					F									
E	9				731-0118				GUIDE RODE,Ø22MM X 1240MM				2				E	53				731-0498				STICKER, NAME, DELTOID RAISE				2				E										
	10				731-0121				ASSY,STOP,ADD ON				1					54				731-0504				STICKER, WGT, 5, 60Kg				1					E									
D	11				731-0124				CAP,GUIDE ROD,RUBBER				2				D	55				731-0509				STICKER,SWITCH,INC ADJ				1				D										
	12				731-0127				RACE,WEAR SLEEVE,CABLE				8					56				731-0510				STICKER,SEAT ADJ,1-9				1					D									
C	13				731-0131				BLOCK,PULLEY,Ø120mm				1				C	57				731-0512				STICKER,WARNING,PINCH				5				C										
	14				731-0137				BEARING,52 OD,25 ID,X 15MM				4					58				731-0513				STICKER,STAR TRAC,DECO,45MMX191MM				2					C									
B	15				731-0138				CABLE,WGT STK,1800mm				1				B	59				731-0517				STICKER, WARNING, BOLT DOWN				1				B										
	16				731-0144				WELD,ADD ON,SHORT				2					60				731-0530				SPRING,SEAT ADJ,SEAT 1				1					B									
A	17				731-0146-XX				PLATE,COVER,PULLEY,Ø120mm				7				A	61				731-0532				SCREW,M8 X 1.25,12MM,HHM,HE				2				A										
	18				731-0147				SHOE,WGT STK,SHORT				1					62				731-0542				ASSY,BUMPER,TOP				1					A									
J	19				731-0165				CAP,PLASTIC,PULLEY,Ø120mm				8				J	63				731-0545				ASSY,BUMPER,MIDDLE				1				J										
	20				731-0209				CAP, END, 110 X 50				1					64				731-0547				ASSY,BUMPER,BOTTOM				1					J									
I	21				731-0225				SCREW,M3.5 X 9.5,SELF TAPPING				6				I	65				731-0555-XX				WELD,MOUNT,TROLLEY,SEAT				1				I										
	22				731-0274				ASSY,WGT STK,PULLEY				1					66				731-0557				SPACER,WHEEL,TROLLEY				8					I									
H	23				731-0275				CABLE, WGT STK, 5600mm				1				H	67				731-0560				ASSY,WHEEL,41M DIA,TROLLEY				8				H										
	24				731-0287				NUT,M8x1.25,NYLOCK				1					68				731-0561				WASHER,M8,1MM THK				8					H									
G	25				731-0312				CAP, END, 65MM				2				G	69				731-0562				NUT,M8 X 1.25,NYLOC				10				G										
	26				731-0323				STICKER, PARTS, DELTOID RAISE				1					70				731-0564				EXTRUSION,TROLLEY,SEAT				1					G									
F	27				731-0335				STICKER, MADE IN CHINA, IP				1				F	71				731-0565				SCREW,M4X22,FHT,PH,AS,ZP				8				F										
	28				731-0351				SCREW,M10 X 1.5,25mm,FHM,HK				2					72				731-0566				CAP,EXTRUSION,SEAT,TOP				2					F									
E	29				731-0352				SCREW,M6X0.8,10MM,BHC,HK				4				E	73				731-0567				BAR,ADJ,SEAT				1				E										
	30				731-0354				SCREW,M8 X 1.25,25MM,HHM,HE				4					74				731-0570				SCREW,M8 X1.25,16mm,SHC,HK				9					E									
D	31				731-0355				WASHER,PLAIN,M8,NARROW				52				D	75				731-0574-XX				MOUNT,SHOCK,SEAT				1				D										
	32				731-0362				SCREW,M10 X 1.5,45MM,BHC,HK				2					76				731-0576				WELD,FOOT,ADJUSTABLE				1					D									
C	33				731-0363				NUT,M10X1.5,NYLOC				6				C	77				731-0577				ASSY,SHOCK,SEAT SLED,30LBS				1				C										
	34				731-0364				SCREW,M8 X 1.25,45MM,BHC,HK				6					78				731-0578				COVER,FOOT,ADJ.				1					C									
B	35				731-0365				NUT,M8 X 1.25,NYLOC JAM				17				B	79				731-0579				SCREW,M8 X1.25,60mm,SHC,HK				2				B										
	36				731-0366				SCREW,M10 X 1.5,50MM,BHC,HK				4					80				731-0580				WASHER, HAT, M8				4					B									
A	37				731-0367				WASHER,PLAIN,M10				10				A	81				731-0582				SETSCREW, M8 X 1.25, 10mm, CUP				8				A										
	38				731-0368				SCREW,M8 X 1.25,40mm,BHC,HK				10					82				731-0583				STICKER, SERIAL NUMBER, IP				1					A									
J	39				731-0370				SCREW,M8 X 1.25,65mm,BHC,HK				1				J	83				731-0584				SCREW,#8-18,3/8",PHT,PH				18				J										
	40				731-0373				WASHER,PLAIN,M6				2					84				731-0585				WASHER,M4				22					J									
I	41				731-0379				SCREW,M8 X1.25,20mm,SHC,HK				2				I	85				731-0586				SCREW,M4 X 0.7,14MM,BHC,HK				4				I										
	42				731-0381				HOUSING,LOGO,STARTRAC				2					86				731-0587				NUT,M4 X 0.7,LOCKING				4					I									
H	43				731-0386				PLACARD, HOUSING, INNER				1				H	87				731-0588				RETAINING RING,EXT.,1/4" SHAFT				4				H										
	44				731-0387				PLACARD, HOUSING, OUTER				1					88				731-0635-00XX				ASSY, SEAT BOTTOM, ROW				1					H									
9					8					7					6					5					4					3						2					1			

UNISEN, INC. DBA

STAR TRAC

14410 Myford Road
Irvine CA 92606

STARTRAC PART NO

IP-S4306-XXXXXS

REV

D

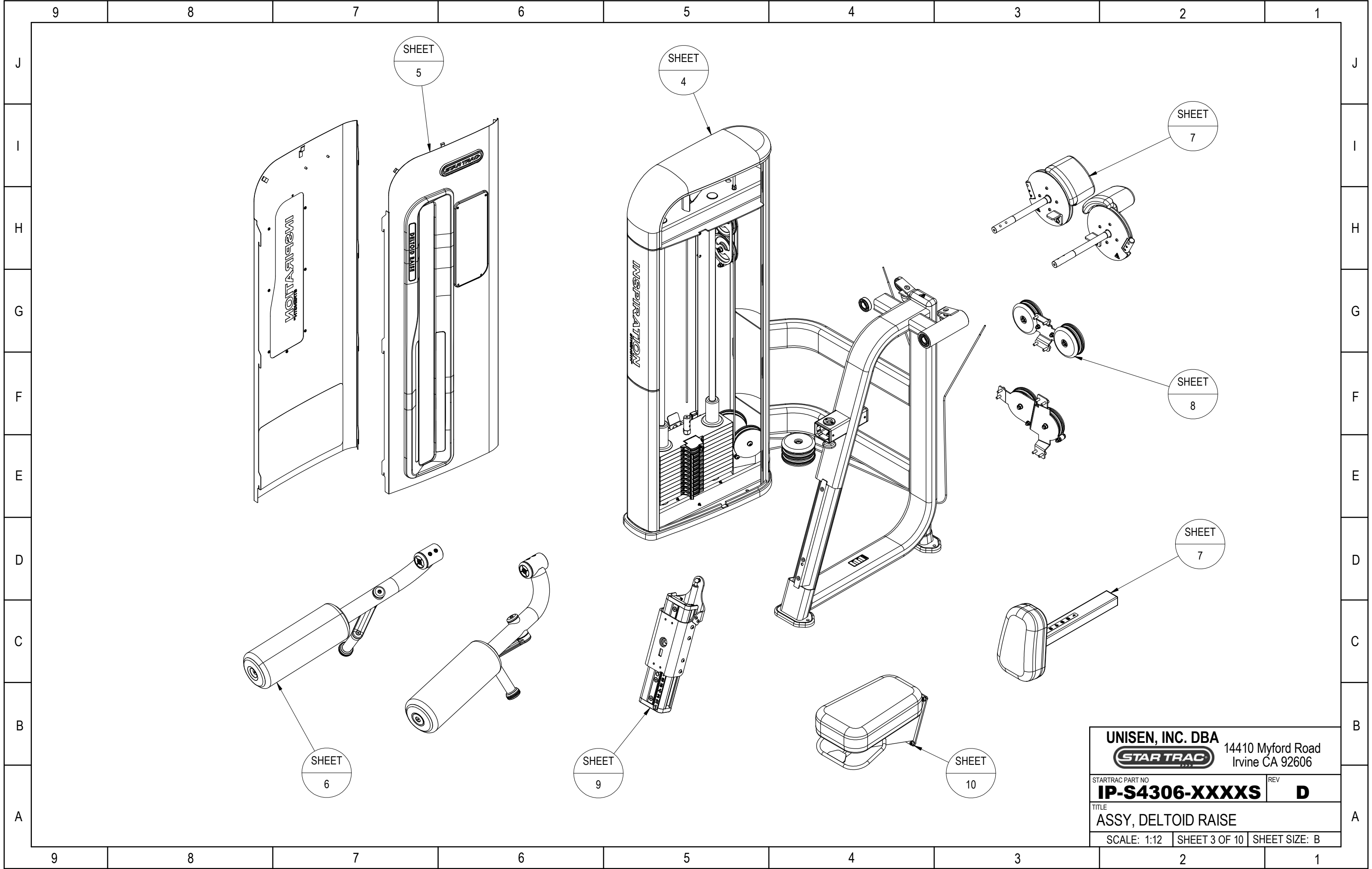
TITLE

ASSY, DELTOID RAISE

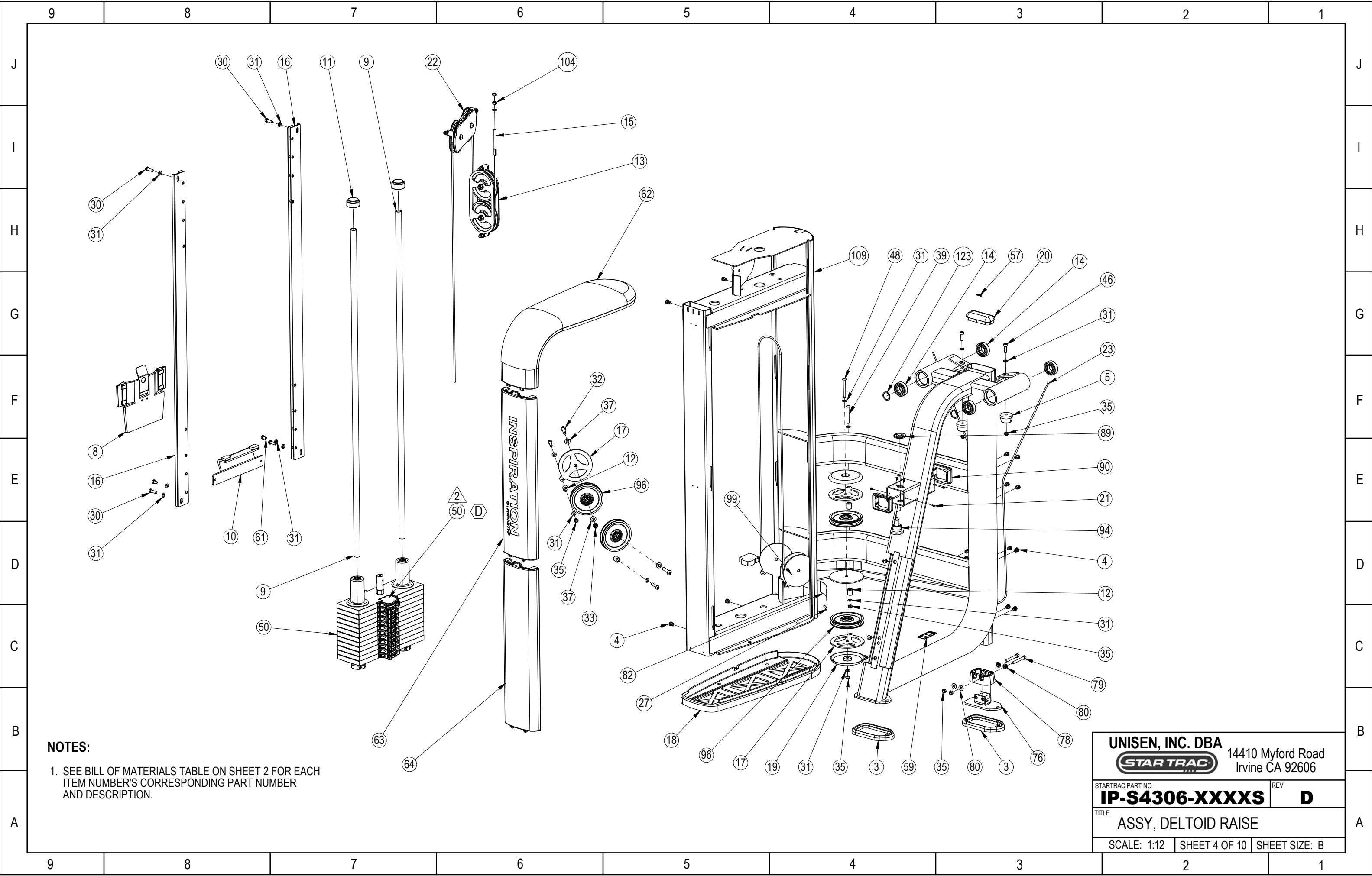
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SHEET 2 OF 10

SHEET SIZE: B

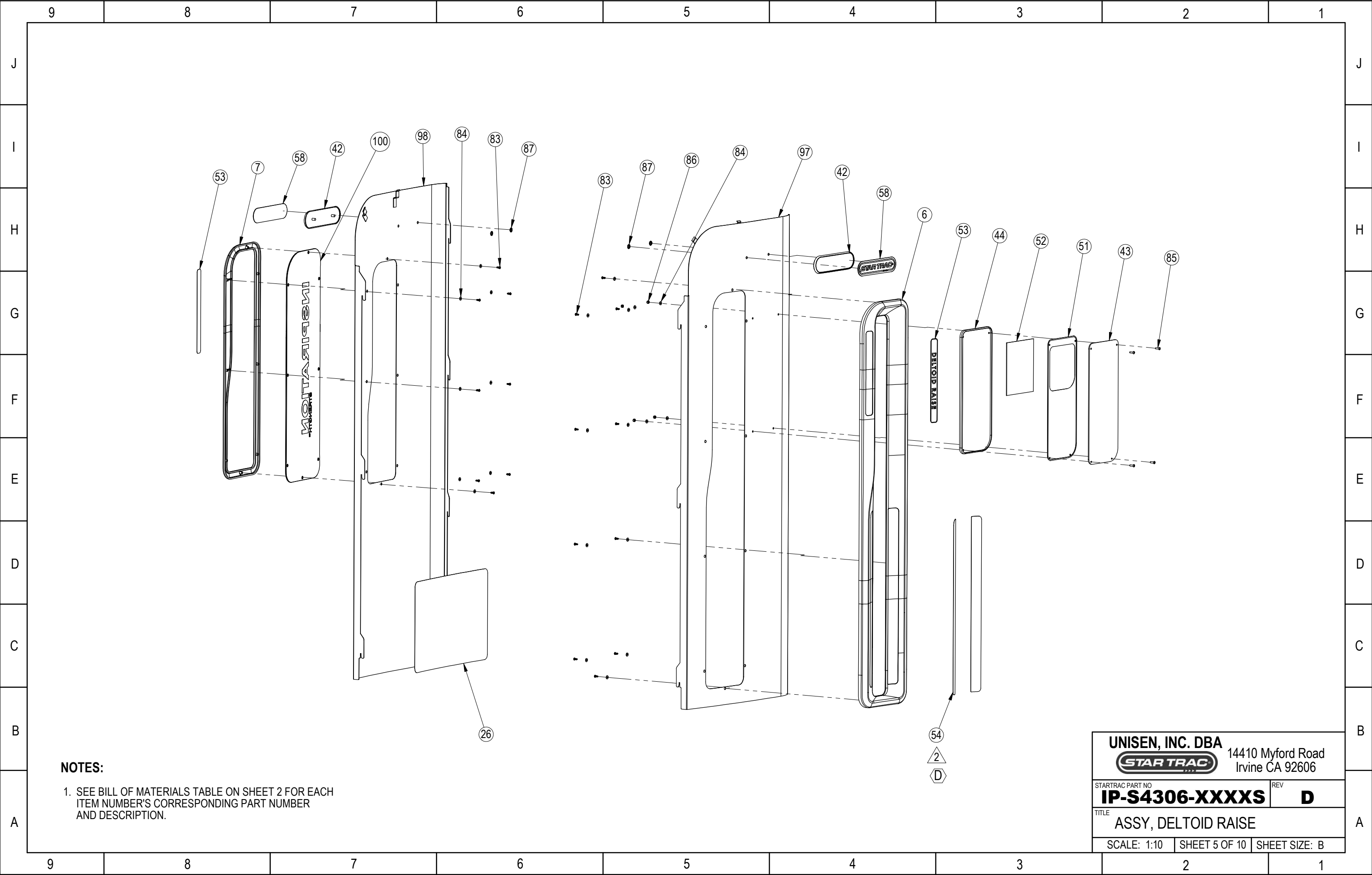


UNISEN, INC. DBA		14410 Myford Road Irvine CA 92606	
STAR TRAC			
STARTRAC PART NO		REV	
IP-S4306-XXXXS		D	
TITLE			
ASSY, DELTOID RAISE			
SCALE: 1:12		SHEET 3 OF 10	
		SHEET SIZE: B	



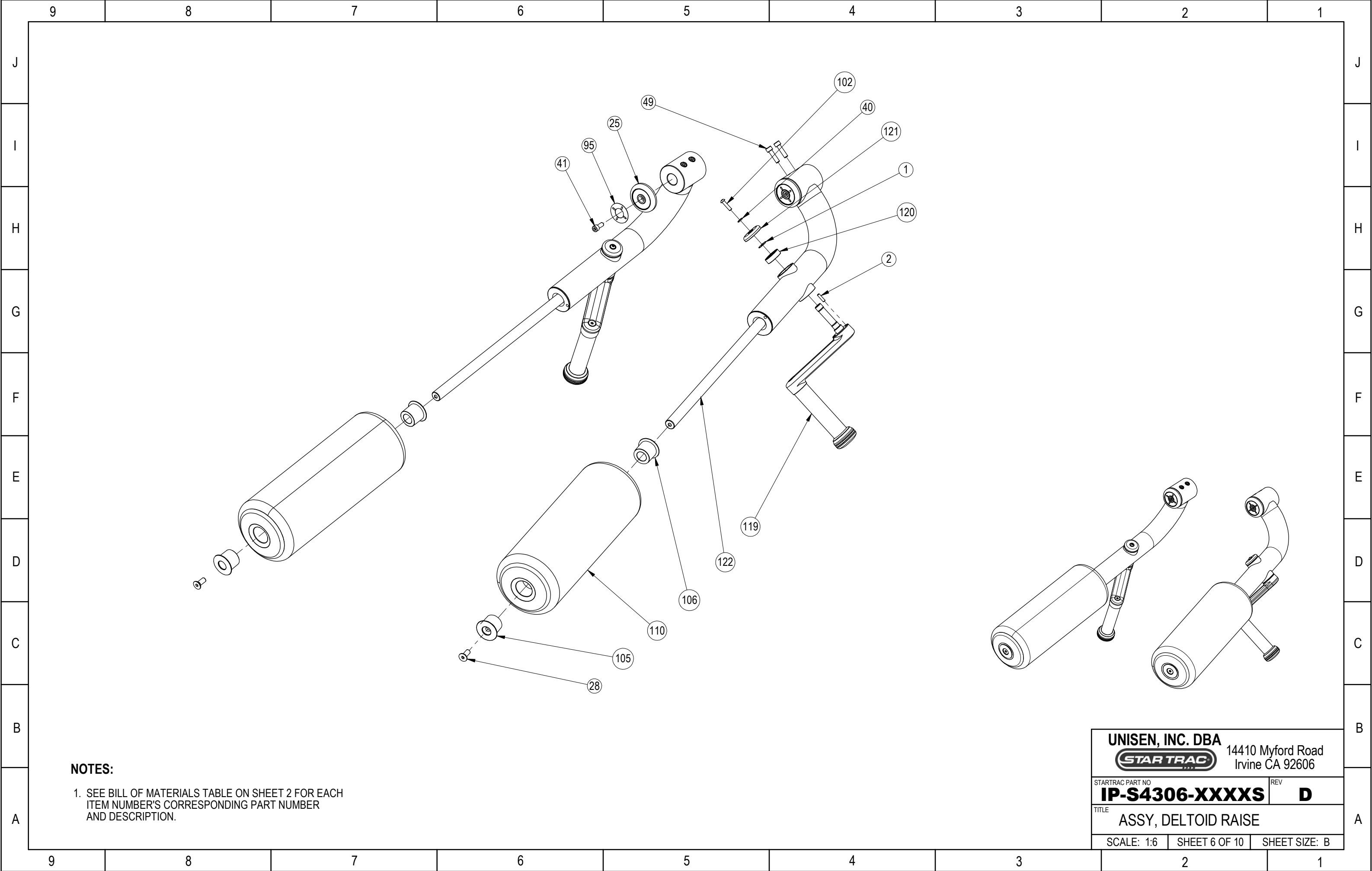
NOTES:
1. SEE BILL OF MATERIALS TABLE ON SHEET 2 FOR EACH ITEM NUMBER'S CORRESPONDING PART NUMBER AND DESCRIPTION.

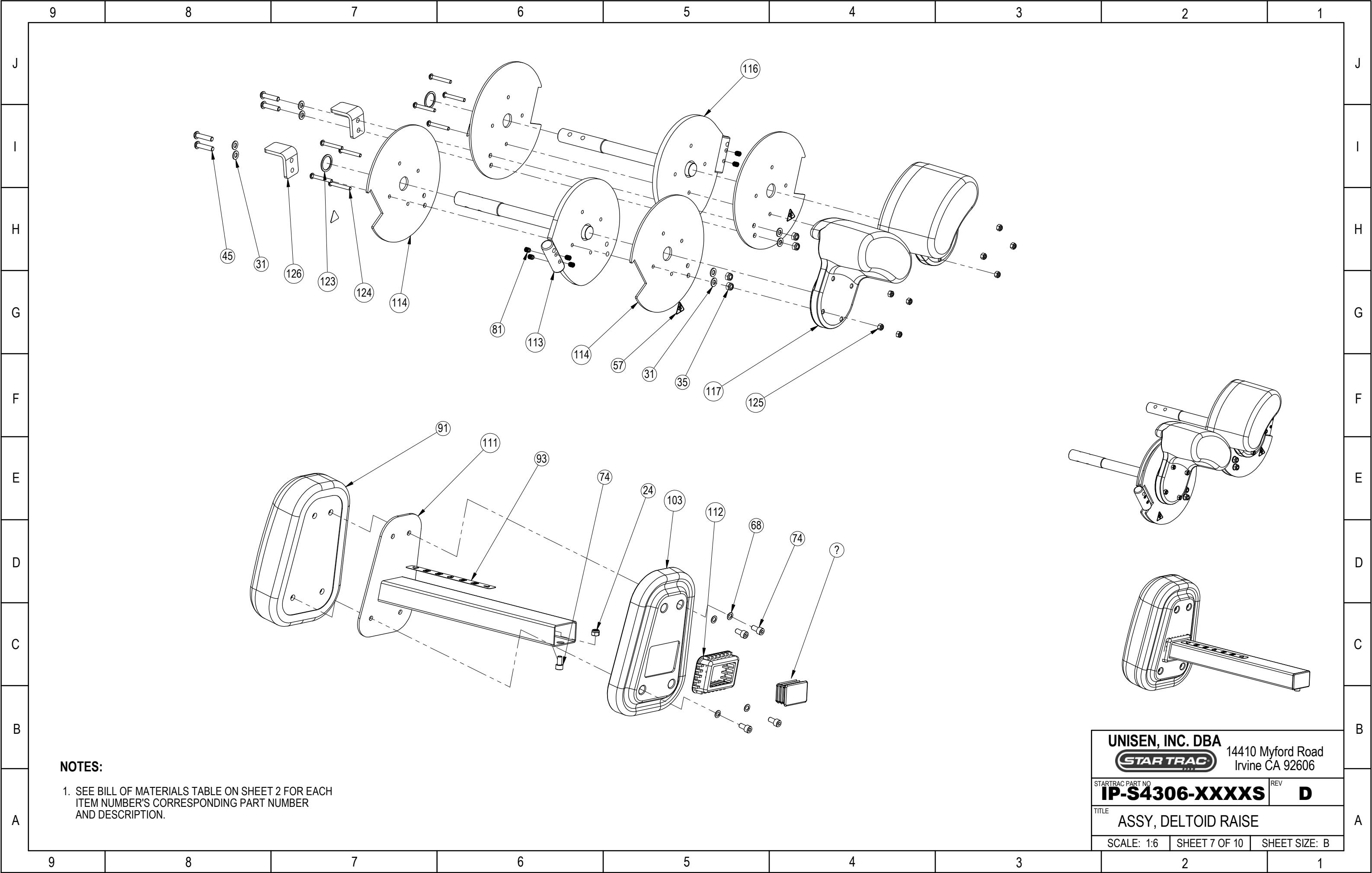
UNISEN, INC. DBA STAR TRAC		14410 Myford Road Irvine CA 92606	
STARTRAC PART NO IP-S4306-XXXXS		REV D	
TITLE ASSY, DELTOID RAISE			
SCALE: 1:12		SHEET 4 OF 10	SHEET SIZE: B



NOTES:
1. SEE BILL OF MATERIALS TABLE ON SHEET 2 FOR EACH ITEM NUMBER'S CORRESPONDING PART NUMBER AND DESCRIPTION.

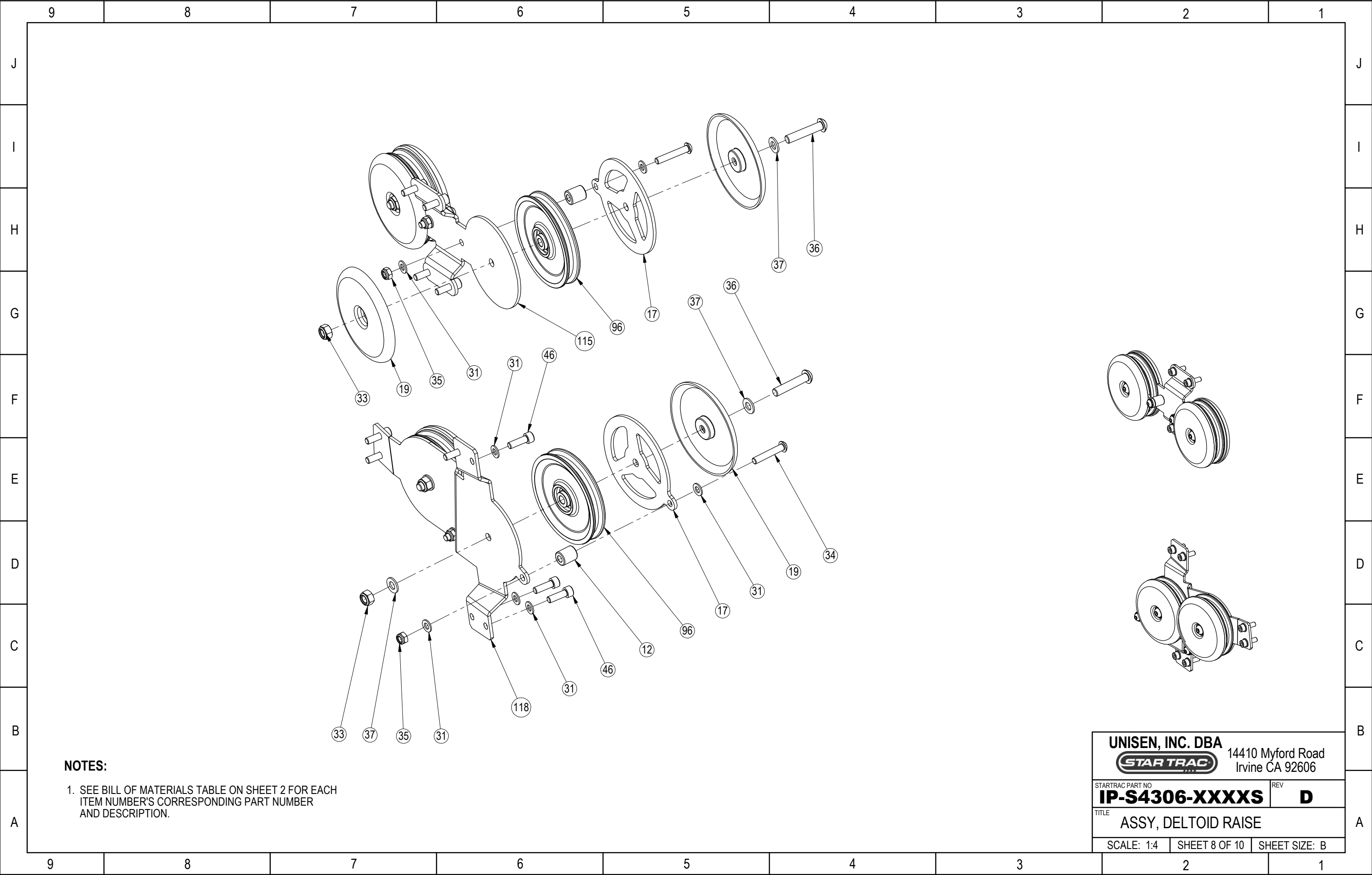
UNISEN, INC. DBA		14410 Myford Road Irvine CA 92606	
			
STARTRAC PART NO		REV	
IP-S4306-XXXXS		D	
TITLE			
ASSY, DELTOID RAISE			
SCALE: 1:10		SHEET 5 OF 10	
		SHEET SIZE: B	





NOTES:
1. SEE BILL OF MATERIALS TABLE ON SHEET 2 FOR EACH ITEM NUMBER'S CORRESPONDING PART NUMBER AND DESCRIPTION.

UNISEN, INC. DBA		
STAR TRAC		
14410 Myford Road Irvine CA 92606		
STARTRAC PART NO	IP-S4306-XXXXS	REV D
TITLE ASSY, DELTOID RAISE		
SCALE: 1:6	SHEET 7 OF 10	SHEET SIZE: B



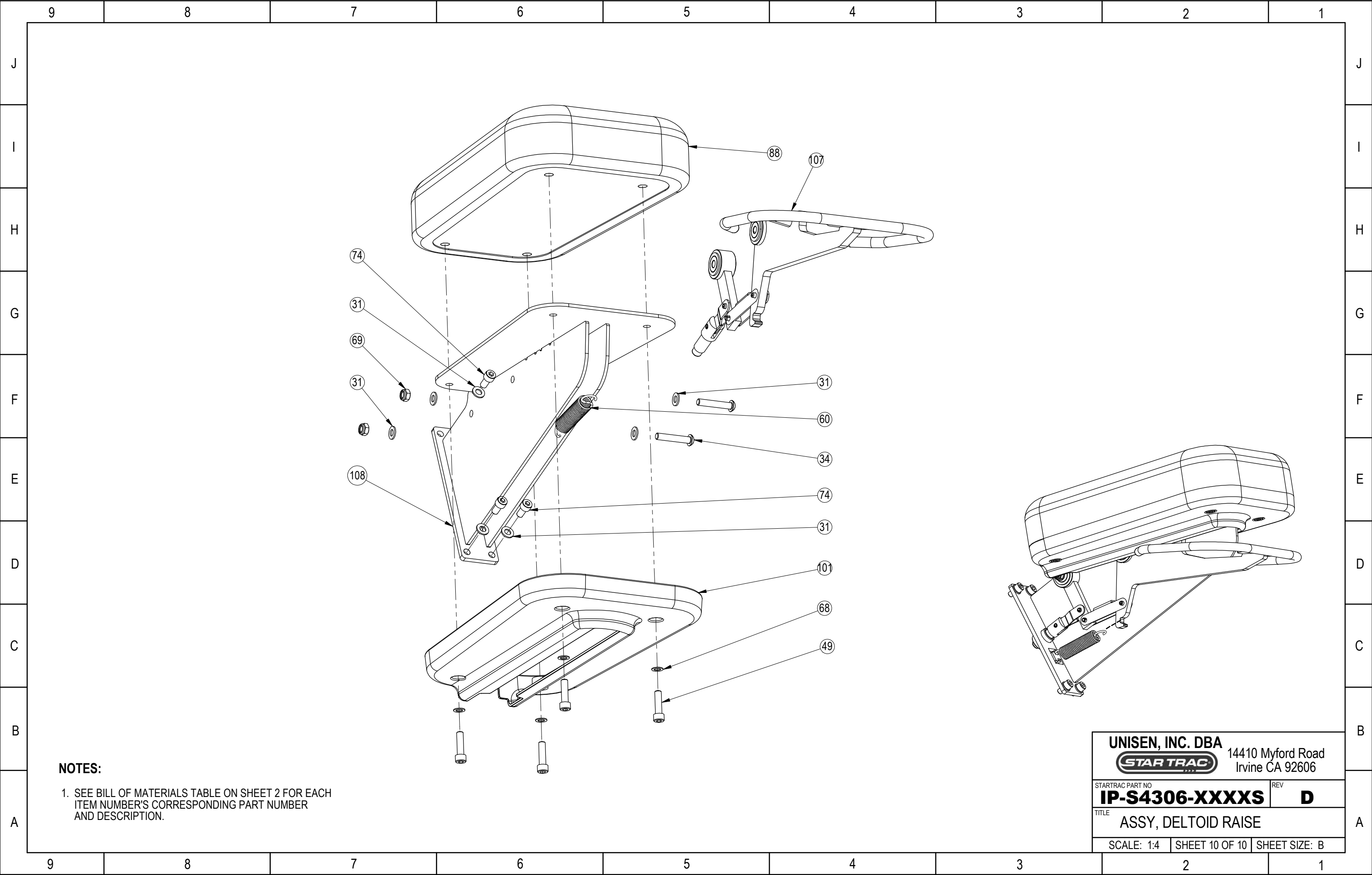
NOTES:

1. SEE BILL OF MATERIALS TABLE ON SHEET 2 FOR EACH ITEM NUMBER'S CORRESPONDING PART NUMBER AND DESCRIPTION.

UNISEN, INC. DBA		
STAR TRAC		
STARTRAC PART NO		14410 Myford Road Irvine CA 92606
IP-S4306-XXXXS		REV D
TITLE ASSY, DELTOID RAISE		
SCALE: 1:4	SHEET 8 OF 10	SHEET SIZE: B

1. SEE BILL OF MATERIALS TABLE ON SHEET 2 FOR EACH ITEM NUMBER'S CORRESPONDING PART NUMBER AND DESCRIPTION.





NOTES:
1. SEE BILL OF MATERIALS TABLE ON SHEET 2 FOR EACH ITEM NUMBER'S CORRESPONDING PART NUMBER AND DESCRIPTION.

UNISEN, INC. DBA		
STAR TRAC		
STARTRAC PART NO		14410 Myford Road Irvine CA 92606
IP-S4306-XXXXXS		REV D
TITLE ASSY, DELTOID RAISE		
SCALE: 1:4	SHEET 10 OF 10	SHEET SIZE: B