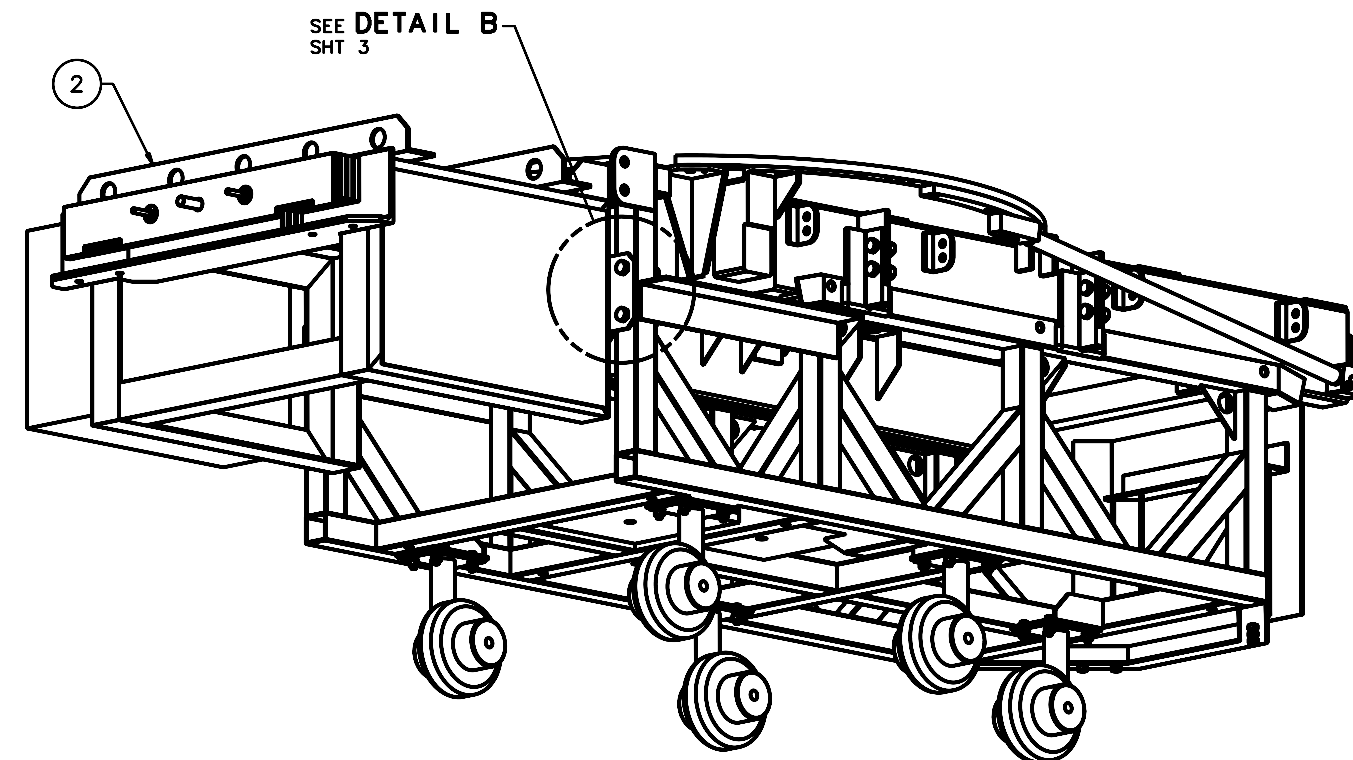
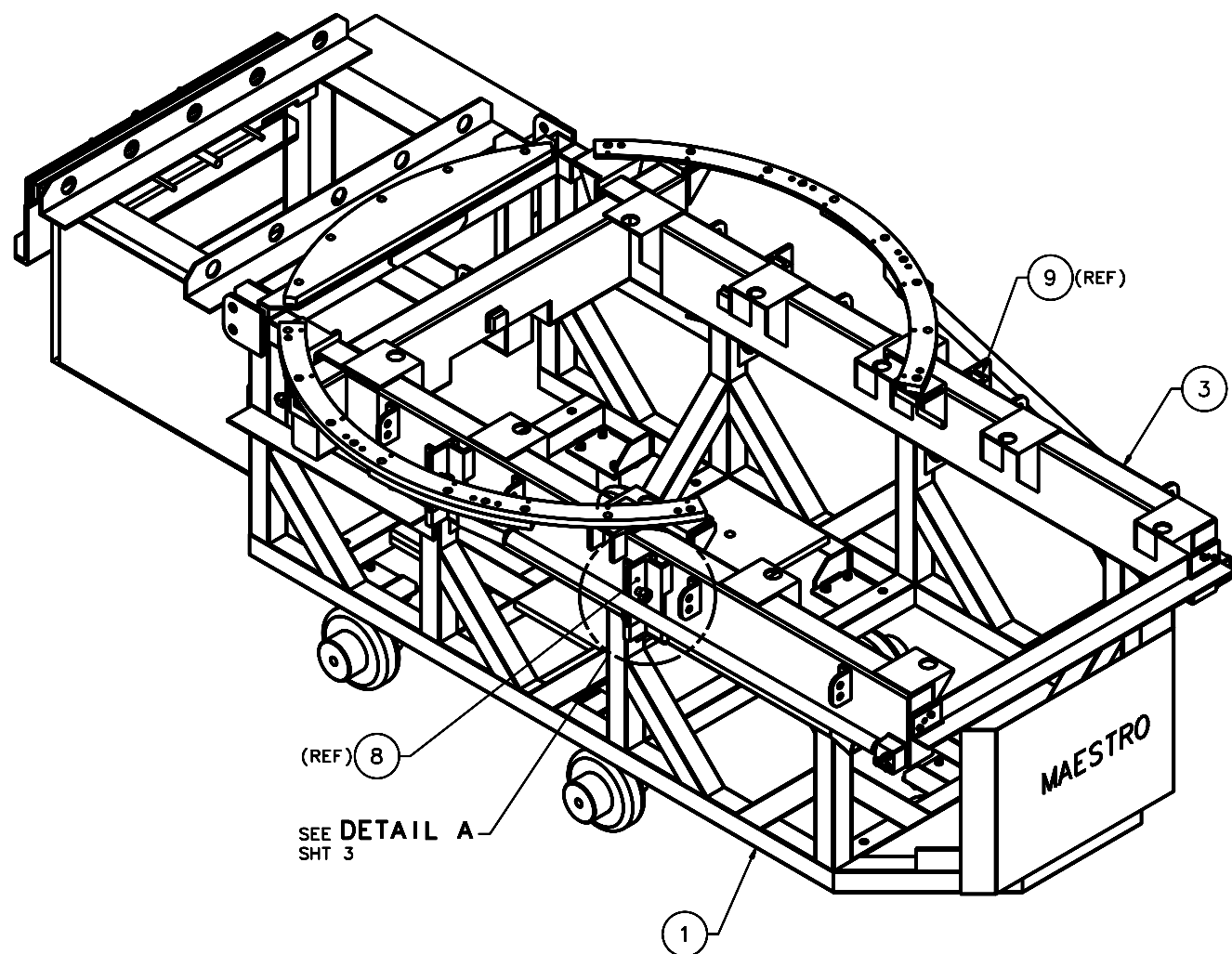


REVISIONS				
LTR	DESCRIPTION	DATE	REVISED BY	APPROVED
A	INITIAL RELEASE	4/20/05	R. NAGY	W. DAVISON



ISO VIEWS

SCALE NTS
ADDITIONAL ASSEMBLY VIEWS ON SHTs 2 THRU 4

NOTES:

- STEWART OBSERVATORY PERSONNEL TO OVERSEE THE PLACEMENT OF ITEMS FOR THE FOLLOWING OPERATIONS:
 - LOCATE & WELD IN PLACE ITEMS 8 & 9 SHEAR ANGLE BLOCKS TO ITEM 3 MAIN SUPPORT FRAME.
AFTER WELDING, MATCH DRILL (8) 15/16" DIA HOLES THRU ITEM 1 INSTRUMENT CART BRACKETS & ITEMS 8 & 9 USING ITEM 1 PILOT HOLES (SIDE VIEW & DETAIL A, SHT 3).
THIS COMPLETES THE 14775 WELDMENT (PART OF ITEM 3); PAINT PER 14775, NOTE 8.
 - MATCH DRILL (4) 15/16" DIA HOLES THRU ITEM 2 COUNTERWEIGHT ASSEMBLY & WALLS OF ITEM 1 SQUARE TUBE USING ITEM 2 PILOT HOLES (DETAIL B, SHT 3).
- SAFETY NOTE!!!**
WITHOUT THE PROPER COUNTERWEIGHT SETUP, THIS ASSEMBLY MAY TIP OVER.
CARE MUST BE TAKEN WHEN LOADING & UNLOADING PARTS OR SUBASSEMBLIES WHEN PERFORMING THE VARIOUS OPERATIONS IN NOTE 1.
STABILIZE AS REQUIRED.
- SEE SHEET 4 FOR RIGGING ON THIS ASSEMBLY.

QTY PER ASSY	-3	-2	-1	PART NUMBER	PART DESCRIPTION	MANUFACTURER or MAT'L SPEC	ITEM NO.
				2	14631-2	SHEAR BLOCK ANGLE-RH	9
				2	14631-1	SHEAR BLOCK ANGLE-LH	8
				12	91104A047	WASHER, LOCK, HEAVY DUTY, GRADE 5 & 8, 3/4 BOLT, STL, Zn-PLT	McMASTER-CARR 7
				12	95025A415	NUT, HEAVY HEX, 3/4-10, ASTM A194, STL, GALVANIZED	McMASTER-CARR 6
				4	91583A196	HEX HEAD BOLT 3/4-10 x 4 1/2 LG, ASTM A325, STL, GALVANIZED	McMASTER-CARR 5
				8	91583A172	HEX HEAD BOLT 3/4-10 x 2 1/2 LG, ASTM A325, STL, GALVANIZED	McMASTER-CARR 4
				1	13295	MAIN SUPPORT FRAME ASSEMBLY	3
				1	14523	COUNTERWEIGHT ASSEMBLY	2
				1	14524	INSTRUMENT CART WELDMENT & ASSEMBLY	1

LIST OF MATERIALS

DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-94		THIS DRAWING CREATED IN: ACAD <input type="checkbox"/> MECH <input type="checkbox"/> IDEAS <input checked="" type="checkbox"/>		Steward Observatory, University of Arizona 933 N. Cherry Avenue, Tucson, AZ 85721 (520)621-7659	
TOLERANCES UNLESS OTHERWISE SPECIFIED LINEAR .1 .2 .3 .4 .5 .6 .7 .8 .9 1.0 1.5 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 ANGULAR .1 .2 .3 .4 .5 .6 .7 .8 .9 1.0 1.5 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 DIAMETRICAL SEE SPEC S-002		DESIGNED BY: D. DEAN/R. NAGY	DATE: 3/1/05	CATEGORY: MMT	
MATERIAL		DRAWN BY: D. DEAN	DATE: 4/5/05	PROJECT: MAESTRO	
FINISH		CHECKED BY: T. HOPPER	DATE: 4/13/05	TITLE: CART FRAME WELDMENT & COUNTERWEIGHT ASSMBLY	
ASSEMBLY APPLICATION		APPROVED BY: J. BECHTOLD	DATE: 4/20/05	DRAWING NUMBER: 14522	
CURRENT TIME/DATE/FILE LOCATION:		APPROVED BY: R. WARNER	DATE: 4/20/05	REVISION: A	
DRAWING ARCHIVE LOCATION: http://davinci.as.arizona.edu/ccad/default.html		PLOT SIZE SCALE: D -		SHEET 1 OF 4	