NOTES
1. Total caster jack travel is 3". Under full instrument load, shock absorbing casters will compress 3/4-7/8". With the jacks fully extended, the instrument will be raised approximately 1 3/4".
2. After assembly, lower leveling pads to about 1/32" above floor.
3. The three spherolinder mounts should always be aligned with the V-grooves 120° apart from each other.
THE OBSERVATORIES OF THE CARNEGIE INSTITUTION OF WASHINGTON
813 Santa Barbara Street
Pasadena, CA 91101

UNLESS OTHERWISE SPECIFIED:
- FRACTIONAL: +/- 1/32
- DECIMAL: .XX +/- 0.01
- ANGULAR: +/- 0.1 DEG

BREAK SHARP EDGES
MACHINED SURFACES

ALL DIMENSIONS IN INCHES

Instrument Cart Assembly

REF: PFS00003

SHEET DRAWING NUMBER REV
PFS00003 1

EST WEIGHT
1023 lb

PLAN
Finder
Spectrograph

VIEW B-B
VIEW C-C

Spherolinder assembly
Leveling pad

Mount point for table support column 1 (PFS00005)

Alignment of compliant directions of table support column blade flexures

R11.25 Center swivel TYP

Alignment of spherolinder V-blocks

Mount points for table support columns 2 and 3 (PFS00005)

Leveling pad

Leveling pad

Mount point for table support column 1 (PFS00005)