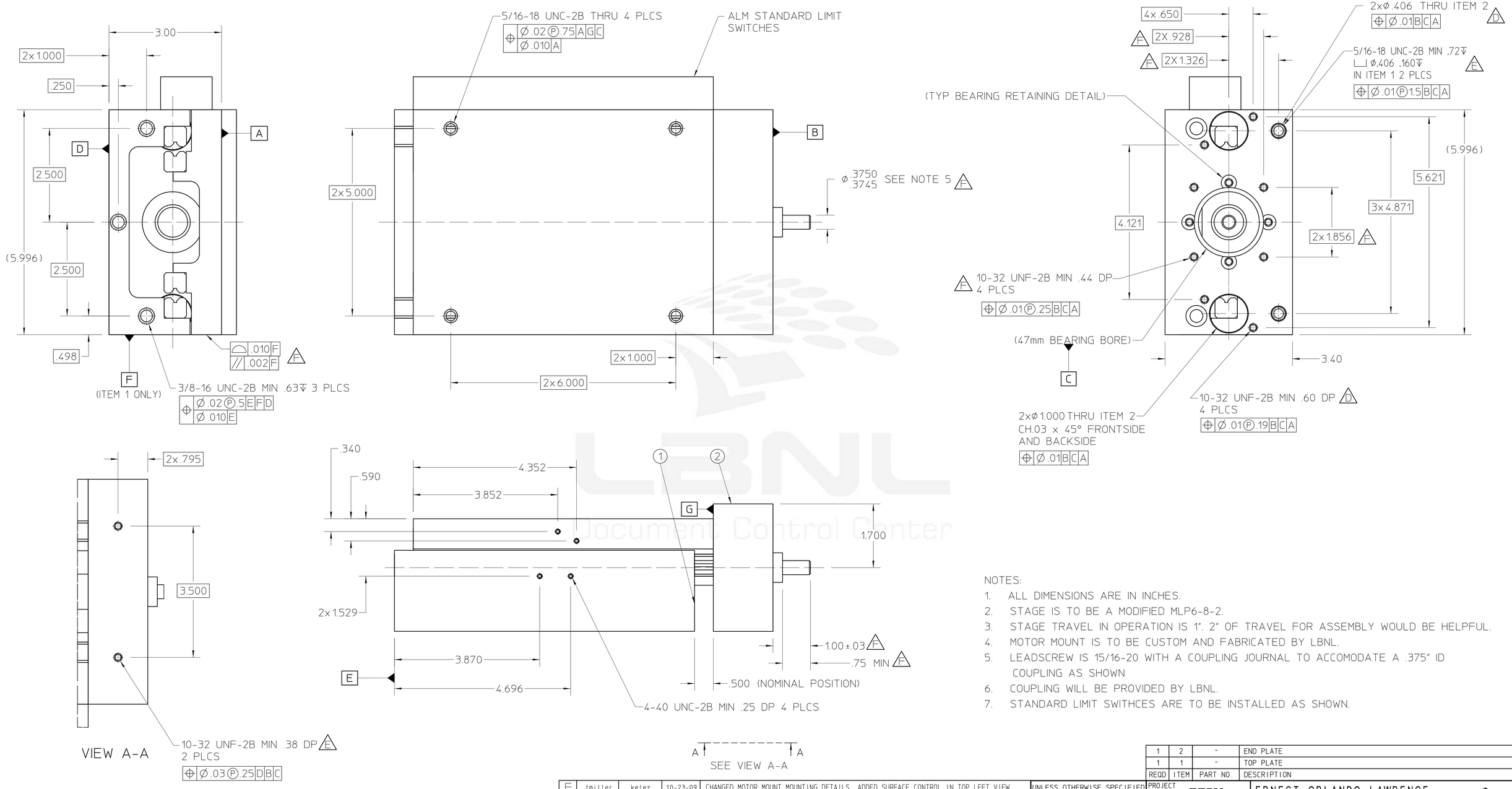


NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. STAGE IS TO BE A MODIFIED MLP6-8-2.
3. STAGE TRAVEL IN OPERATION IS 1". 2" OF TRAVEL FOR ASSEMBLY WOULD BE HELPFUL.
4. MOTOR MOUNT IS TO BE CUSTOM AND FABRICATED BY LBNL.
5. LEADSCREW IS 15/16-20 WITH A COUPLING JOURNAL TO ACCOMODATE A .375" ID COUPLING AS SHOWN
6. COUPLING WILL BE PROVIDED BY LBNL.
7. STANDARD LIMIT SWITHCES ARE TO BE INSTALLED AS SHOWN.

| REQD | ITEM | PART NO. | DESCRIPTION |
|---|---|---|---|
| 1 | 2 | - | END PLATE |
| 1 | 1 | - | TOP PLATE |

| REV | AUTHOR | APPROVER | DATE | CHANGE DESCRIPTION |
|---|---|---|---|---|
| F | tmiller | kelez | 10-23-09 | CHANGED MOTOR MOUNT MOUNTING DETAILS. ADDED SURFACE CONTROL IN TOP LEFT VIEW |
| E | tmiller | tmiller | 04-17-09 | ADDED .406 X .160 DP C'BORES AND 10-32 HOLE PATTERN TO VIEW A-A |
| D | tmiller | tmiller | 07-07-08 | 4X 10-32 X .60 DP WAS 8X 10-32 X .38 DP. 1/4-20 PATTERN WAS 10-32, ADDED DIA .406 THRU IN ITEM 2 AND 5/16-18 IN ITEM 1 |
| C | tmiller | tmiller | 07-09-07 | CHANGED DATUMS FOR 3/8-16 HOLES PER VENDOR REQUEST |
| B | tmiller | tmiller | 05-17-07 | 47mm BEARING BORE WAS DIMENSIONED 54mm |
| A | tmiller | tmiller | 05-17-07 | INITIAL REVISION |

UNLESS OTHERWISE SPECIFIED
TOLERANCES: .X± .- .XX± .01 .XXX± .005; FRACTIONS: ± -/--; ANGLES: ± -.-°/INCH; MACH. SURFS.: 125✓ OR BETTER
REF: ASME Y14.5M-1994, THREADS ARE CLASS 2
BREAK EDGES .016 MAX. ON MACHINED WORK
REMOVE BURRS, WELD SPLATTER & LOOSE SCALE

PROJECT NAME: Advanced Light Source
UNIQUE NUMBER: AL-0031-7649
DO NOT SCALE PRINT. SCALE: 1:1.25 CATEGORY CODE: AL 4 0 4 1
THIRD ANGLE PROJECTION

ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA
ALS - INSERTION DEVICE BEAMLINES
BL 4.0.3 - BEAMLINE GENERAL
SLIDE - ROLL MECHANISM

SHEET 1 OF 1 | SIZE: D | DWG NO: 26E690 | REV F

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