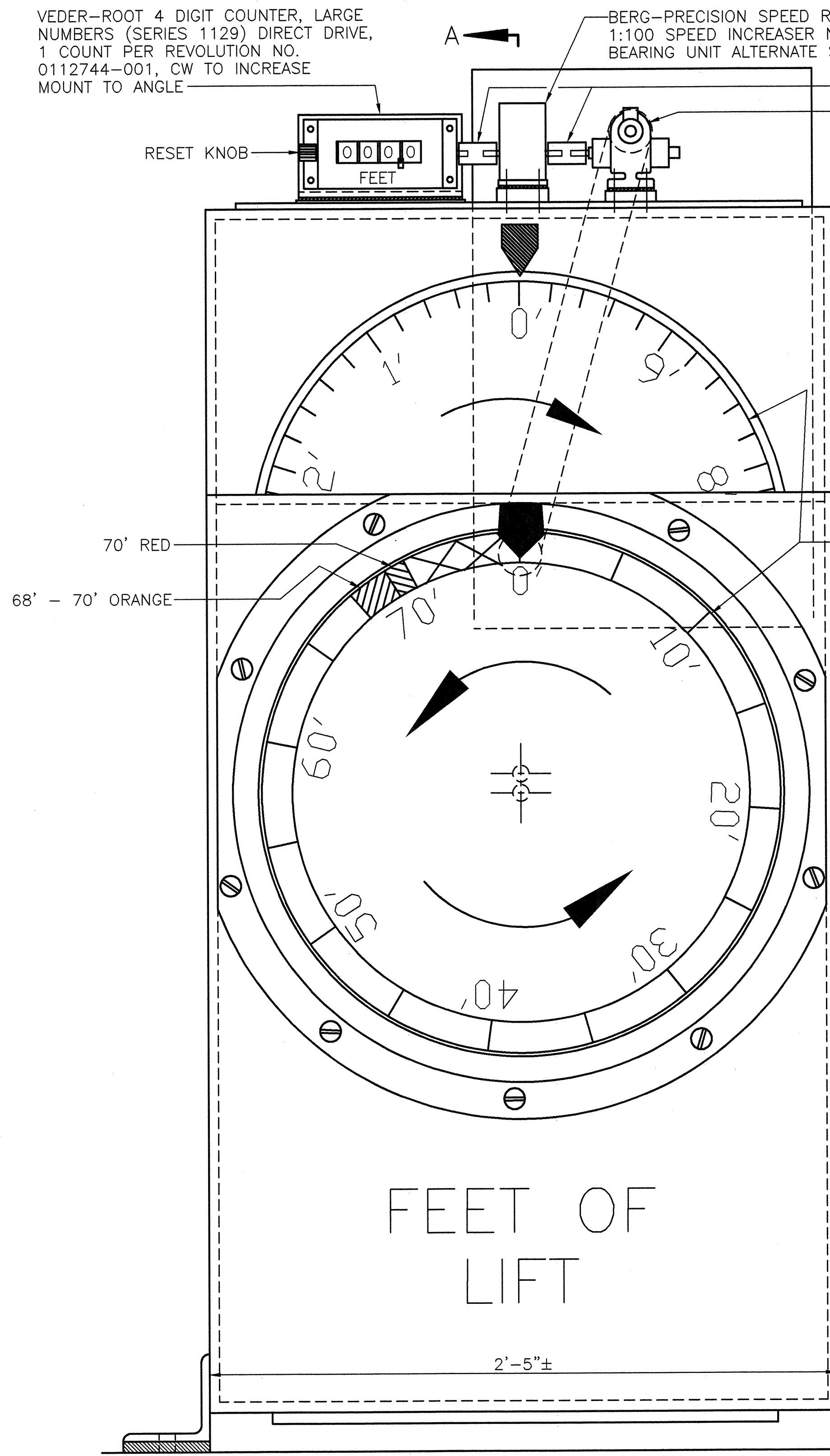


VEDER-ROOT 4 DIGIT COUNTER, LARGE NUMBERS (SERIES 1129) DIRECT DRIVE, 1 COUNT PER REVOLUTION NO. 0112744-001, CW TO INCREASE MOUNT TO ANGLE



MECHANICAL HEIGHT INDICATOR
SCALE: 3" = 1'-0"

BERG-PRECISION SPEED REDUCER USED AS 1:100 SPEED INCREASER NO. SX-B4-26 BALL BEARING UNIT ALTERNATE SHAFT LOCATION

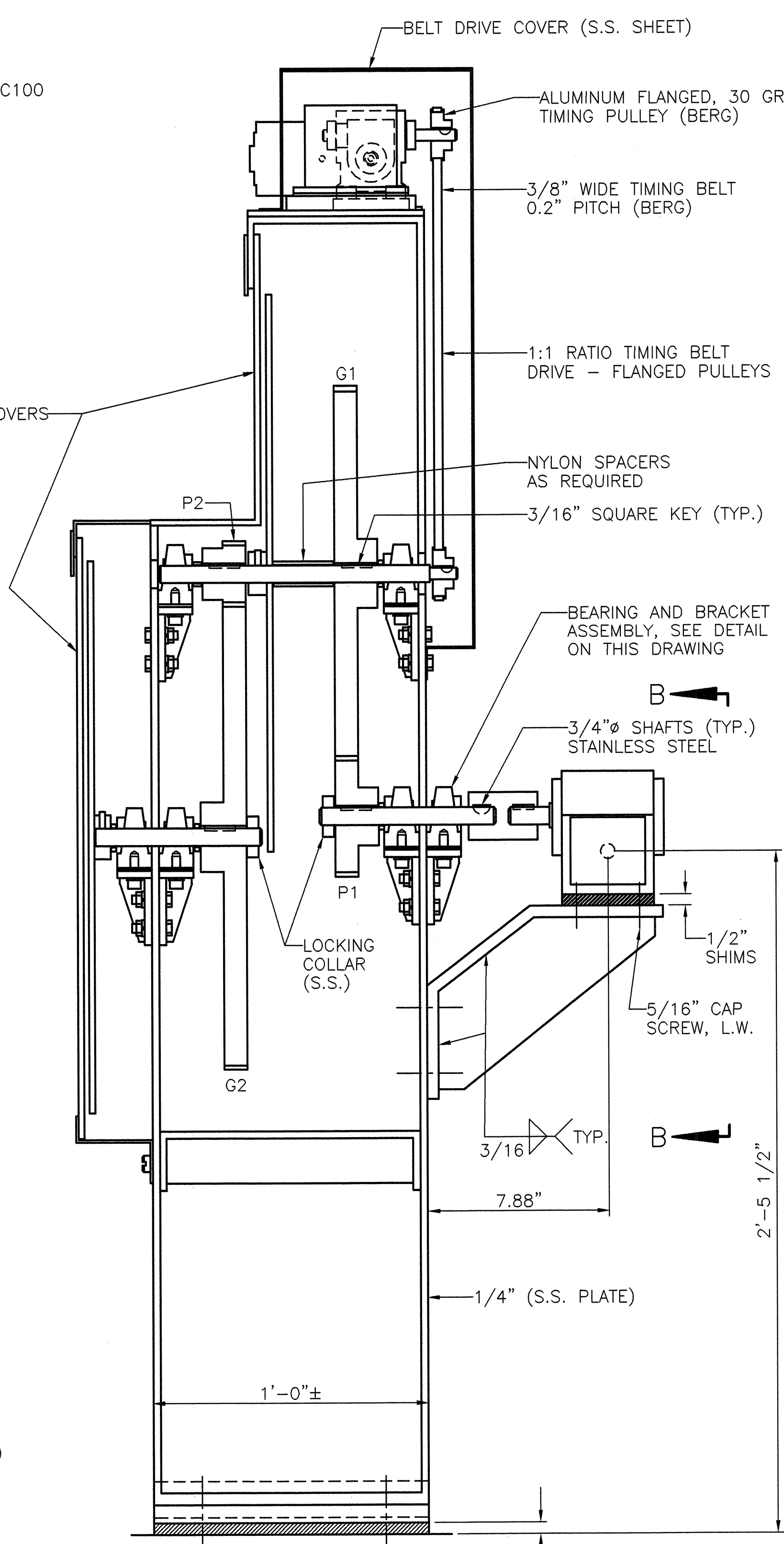
HELICAL COUPLING (S.S.) MC7C100
TOL-O-MATIC RIGHT ANGLE DRIVE ROLLER BEARING MODEL 1:1 RATIO, 1/2" SHAFTS WITH LOCKING COLLARS (S.S.)

PLEXIGLASS COVERS

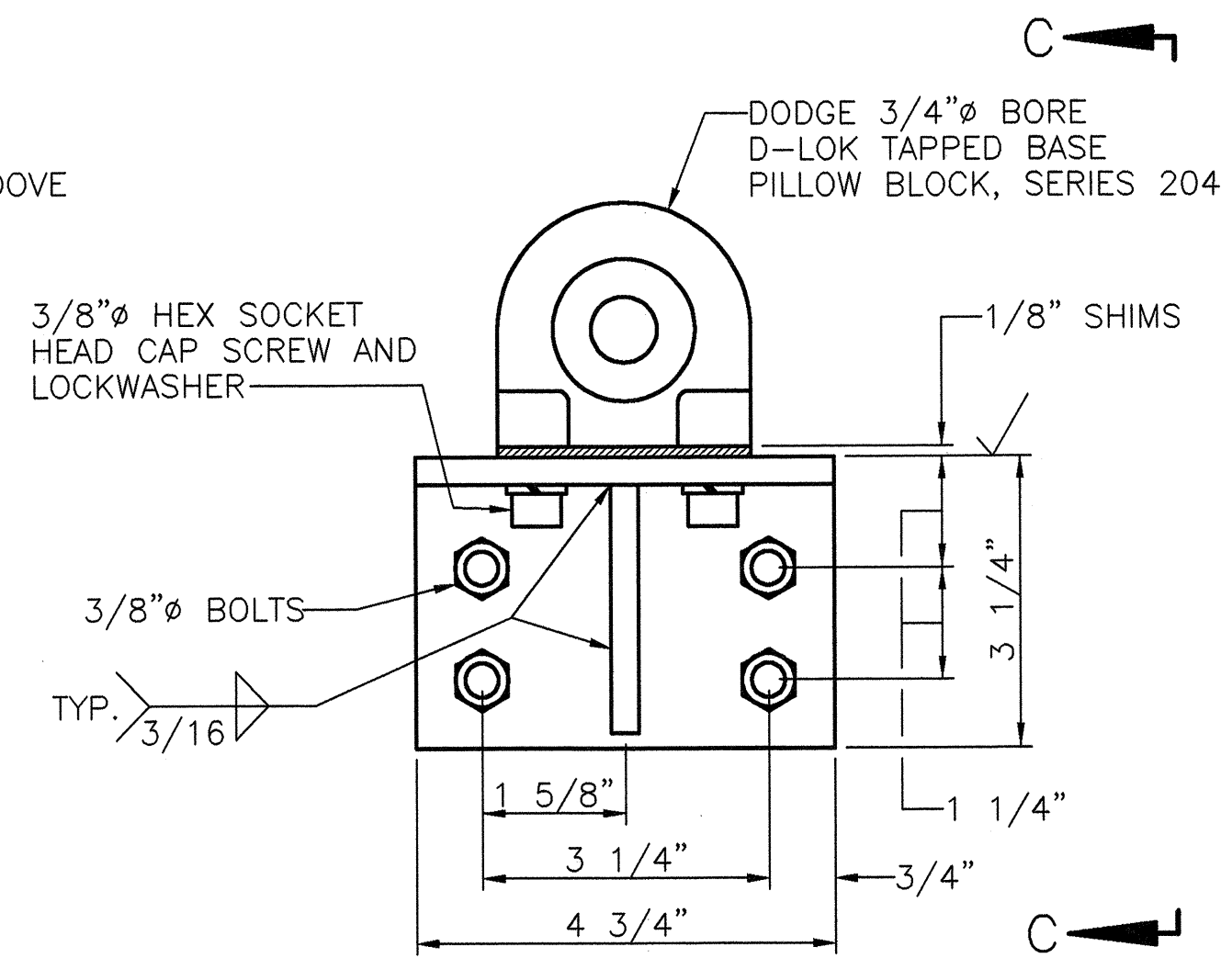
24" DIALS

L 4 x 4 x 3/8 (S.S.)

3/4" ANCHOR BOLTS (TYP.)

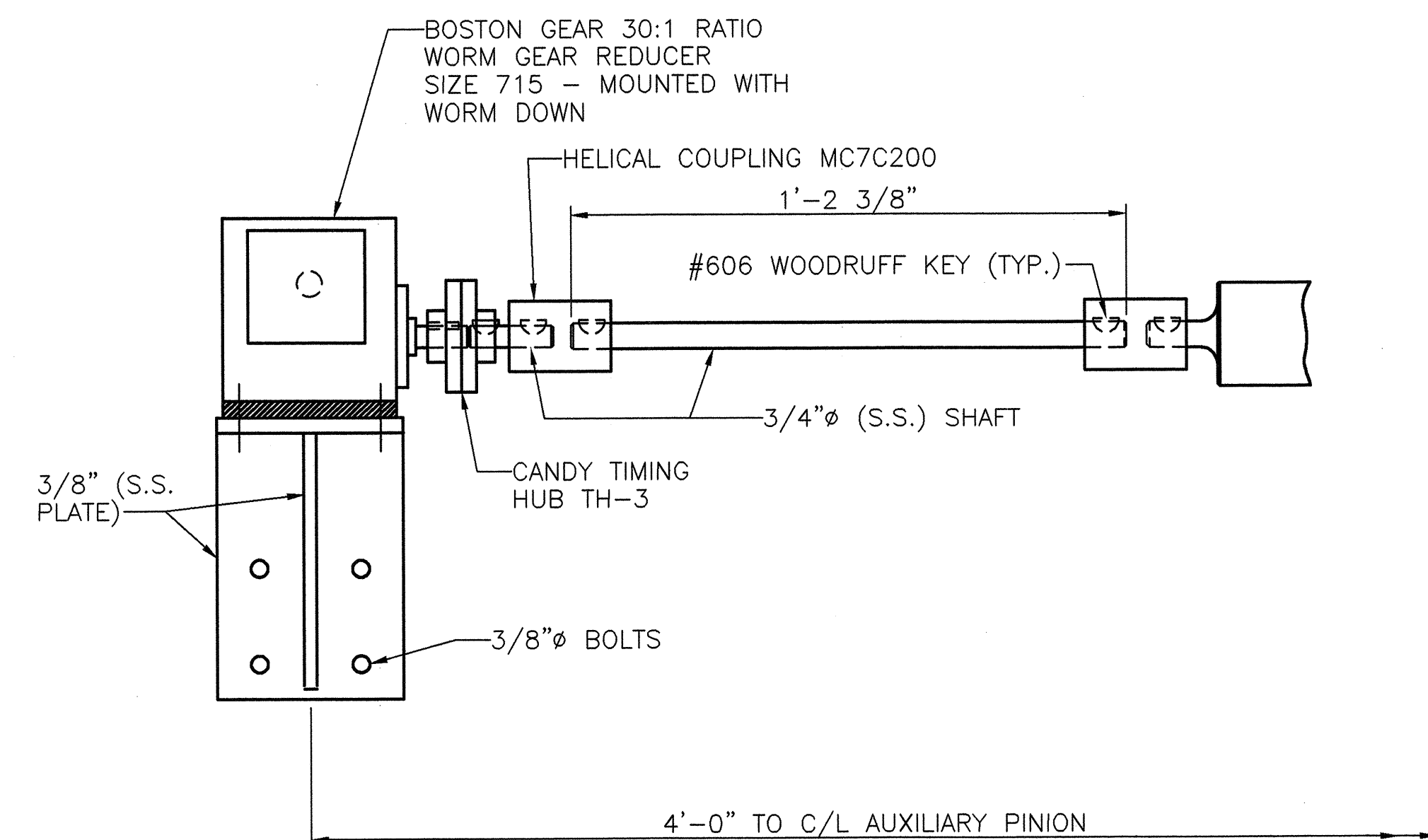


SECTION A-A
SCALE: 3" = 1'-0"



BEARING AND BRACKET ASSEMBLY
SCALE: 6" = 1'-0"

VIEW C-C
SCALE: 6" = 1'-0"



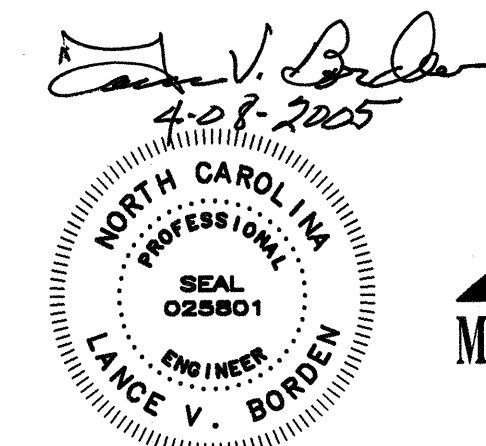
VIEW B-B
SCALE: 3" = 1'-0"

GEAR	NO. TEETH	P.D.	RUSH NO.
P1	60	5.00"	YP1260
G1	192	16.00"	YP12192
P2	32	2.667"	YP1232
G2	240	20.00"	YP12240

GEARING DATA:
ALL 20° P.A. DELRIN,
RUSH GEAR, 12 D.P., 3/4" BORE,
3/16" x 3/32" KEYSLOT

NOTES:

1. ALL STAINLESS STEEL PLATE TO BE ASTM A240, TYPE 304.
2. ALL FASTENERS TO BE STAINLESS STEEL. ASTM F593, GROUP 1 OR 2.
3. ALL SHAFTS TO BE STAINLESS STEEL ASTM A276, TYPE 304, COLD DRAWN.
4. LOCKING COLLARS TO BE SPLIT CLAMP TYPE, STAINLESS STEEL. (STAFFORD OR EQUAL).



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

CAPE FEAR RIVER CROSSING
WILMINGTON, NORTH CAROLINA
MECHANICAL HEIGHT INDICATOR

DESIGNED	D.L. MILLER	DATE	APRIL, 2005
CHECKED	D.M. BARRETT	DRAWING NO.	51 OF 53