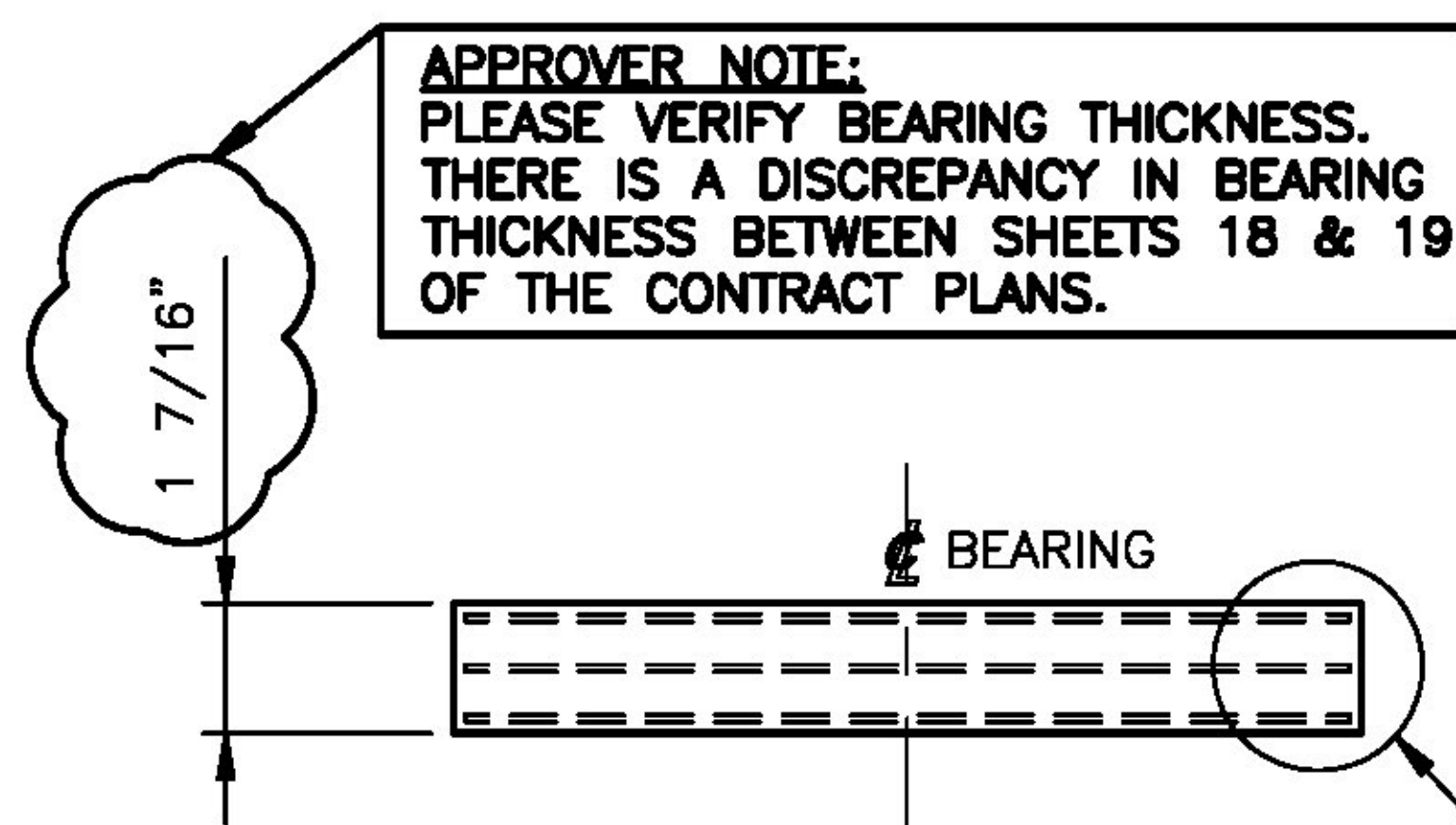


PLAN VIEW



ELEVATION VIEW

**LAMINATED ELASTOMERIC BEARING PAD**

**MARK: LEP1**

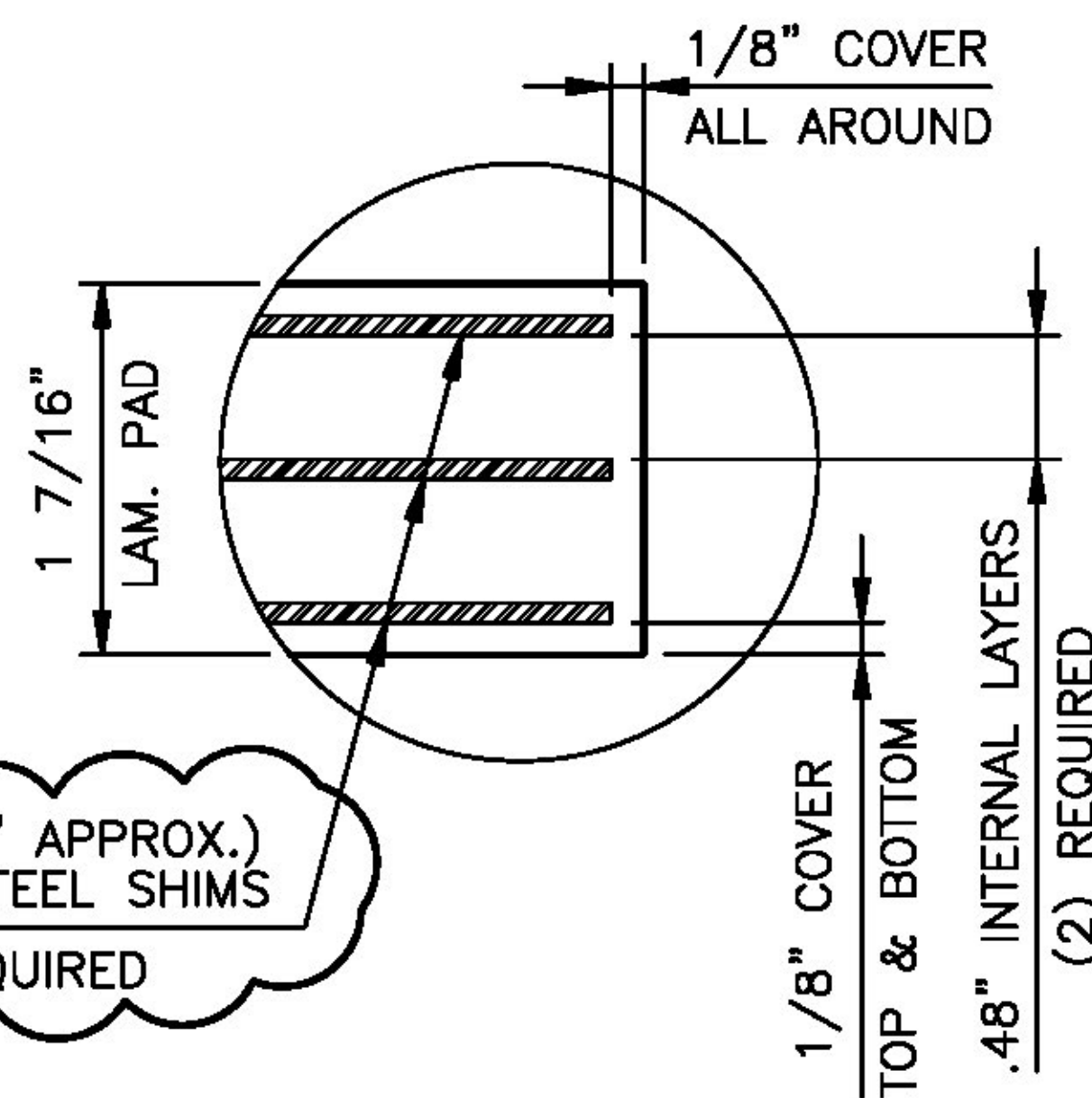
- (18) REQUIRED AT ABUT. NO.1
- (18) REQUIRED AT ABUT. NO.2
- (36) REQUIRED

14Ga SHIMS ARE ACCEPTABLE

**APPROVER NOTE:**  
1/16" THICK SHIMS ARE NOT AVAILABLE. PLEASE VERIFY THAT 14Ga (.071" APPROX.) THICK SHIMS ARE ACCEPTABLE.

14Ga (.071" APPROX.) INTERNAL STEEL SHIMS (3) REQUIRED

THIS BEARING THICKNESS IS CORRECT



**DETAIL 1**

LAMINATED BEARING PAD  
1 7/16" X 12" X 10"  
50 DUROMETER GRADE 4 NATURAL RUBBER  
(36) REQUIRED FOR STRUCTURE

**TEST PAD**

LAMINATED BEARING PAD  
1 7/16" X 12" X 10"  
50 DUROMETER GRADE 4 NATURAL RUBBER  
(2) REQUIRED FOR TESTING

**MAX. REACTION/BEAM**

DEAD LOAD = 16 kips  
LIVE LOAD = 19 kips

**SHOP NOTES:**

1. ALL BEARINGS SHALL CONFORM TO APPLICABLE SUBSECTIONS OF SECTIONS 531 AND 731 OF THE 2011 VTAOT STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
2. MATERIAL:  
ELASTOMER: 50 DUROMETER GRADE 4 NATURAL RUBBER.  
STEEL LAMINAE: ASTM A1011 GRADE 50 OR EQ.
3. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. ALL MARKS SHALL BE PERMANANT AND BE VISIBLE AFTER ERECTION.
4. ALL DIMENSIONS ARE IN INCHES.
5. COSMEC REPRESENTATIVE KERRY MARCHAND: (508) 455-3290
6. VT.A.O.T. WILL BE NOTIFIED (7) DAYS BEFORE THE START OF FABRICATION.

Vermont Agency of Transportation  
**RECEIVED**

CK'D BY M. UMBERGER OK'D BY C. CARLSON

June 9, 2014

RESUBMIT NO Approved  
BY C. CARLSON DATE 06/24/2014

STATE OF VERMONT  
AGENCY OF TRANSPORTATION  
BRIDGE NO.14  
ROUTE NO: TH 13 (FOREST STREET)  
OVER MOON BROOK  
ITEM NO. 531.17  
CITY OF RUTLAND

STATE	COUNTY	CONTROL NO.
VT	RUTLAND	N/A
PROJ. NO.: BRF 3000 (18)		

DYNAMIC RUBBER:  
LAMINATED BEARING PADS

**Cosmec** 1501 ROCKY RIDGE ROAD  
P.O. BOX 2159  
ATHENS, TEXAS 75751

SCALE: NONE	DRAWN BY: RO	CHECKED BY: SL
	DATE: 5/22/14	DATE: 6/5/14

SHEET 1 OF 1 JOB NO.: 12541

REV.	DESCRIPTION	BY	DATE	CK'D	DATE	CUSTOMER:	DRAWING NUMBER	REV.
						THE BELDEN COMPANY	12541-D1	0