

**NOTES**

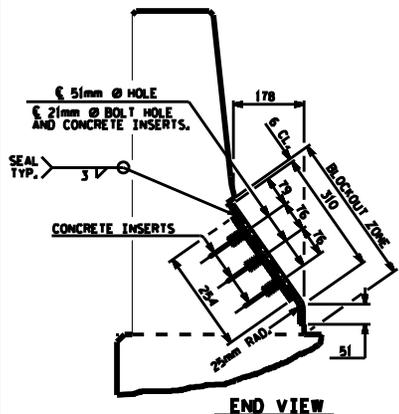
FOR MODULAR EXPANSION JOINT SEALS, SEE SPECIAL PROVISIONS.

THE STEEL PLATES SHALL CONFORM TO AASHTO M270 GRADE 250 OR APPROVED EQUAL AND BE PAINTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. AT THE CONTRACTOR'S OPTION, THE PLATES MAY BE METALLIZED AFTER FABRICATION. SEE SPECIAL PROVISIONS FOR THERMAL SPRAYED COATINGS (METALLIZATION).

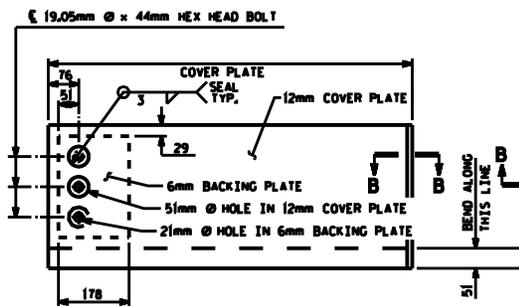
THE 19.05mm Ø HEX HEAD BOLTS SHALL CONFORM TO ASTM F593 ALLOY 304 STAINLESS STEEL.

THE 19.05mm CONCRETE INSERTS SHALL BE CLOSED-END FERRULES WITH LOOPED WIRE STRUTS ATTACHED TO THEM. THE INSERTS SHALL CONFORM TO AASHTO M169, GRADE 12L14 AND SHALL HAVE A TENSILE WORKING LOAD CAPACITY OF 13.3 kN.

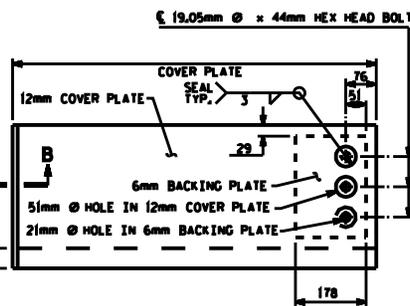
NO SEPARATE PAYMENT WILL BE MADE FOR FURNISHING AND INSTALLING THE COVER PLATE. THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR "MODULAR EXPANSION JOINT SEALS."



**END VIEW**

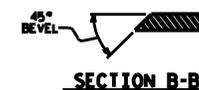


**TYPE I - ELEVATION VIEW**



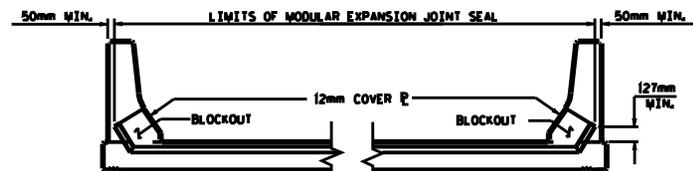
**TYPE II - ELEVATION VIEW**

**COVER PLATE DETAILS**

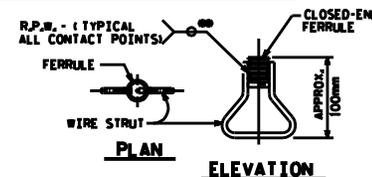


**SECTION B-B**

	SKEW ANGLE	TOTAL MOVEMENT ALONG ROADWAY
END BENT #1		
BENT #1		
END BENT #2		



**SKETCH SHOWING LIMITS OF MODULAR EXPANSION JOINT SEAL - BARRIER RAIL**



**CONCRETE INSERT**

● EACH WELDED ATTACHMENT OF WIRE TO FERRULE SHALL DEVELOP THE TENSILE STRENGTH OF THE WIRE.

PROJECT NO. \_\_\_\_\_

\_\_\_\_\_ COUNTY

STATION: \_\_\_\_\_

**PLAN OF MODULAR EXPANSION JOINT SEAL - LEFT SIDE**

**PLAN OF MODULAR EXPANSION JOINT SEAL - RIGHT SIDE**

ASSEMBLED BY :	DATE :
CHECKED BY :	DATE :
DRAWN BY : EDN 7/96	REV. 8/28/99 MAL/LLS
CHECKED BY : VAP 7/96	REV. 01/17/00 RW/ALLS
	REV. 3/22/06 JL/209

USE .0014 X SCALE FOR PE SEAL

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**STANDARD**  
**MODULAR EXPANSION JOINT SEAL DETAILS FOR BARRIER RAIL**

REVISIONS		SHEET NO.	
No.	Date	Date	Sheet