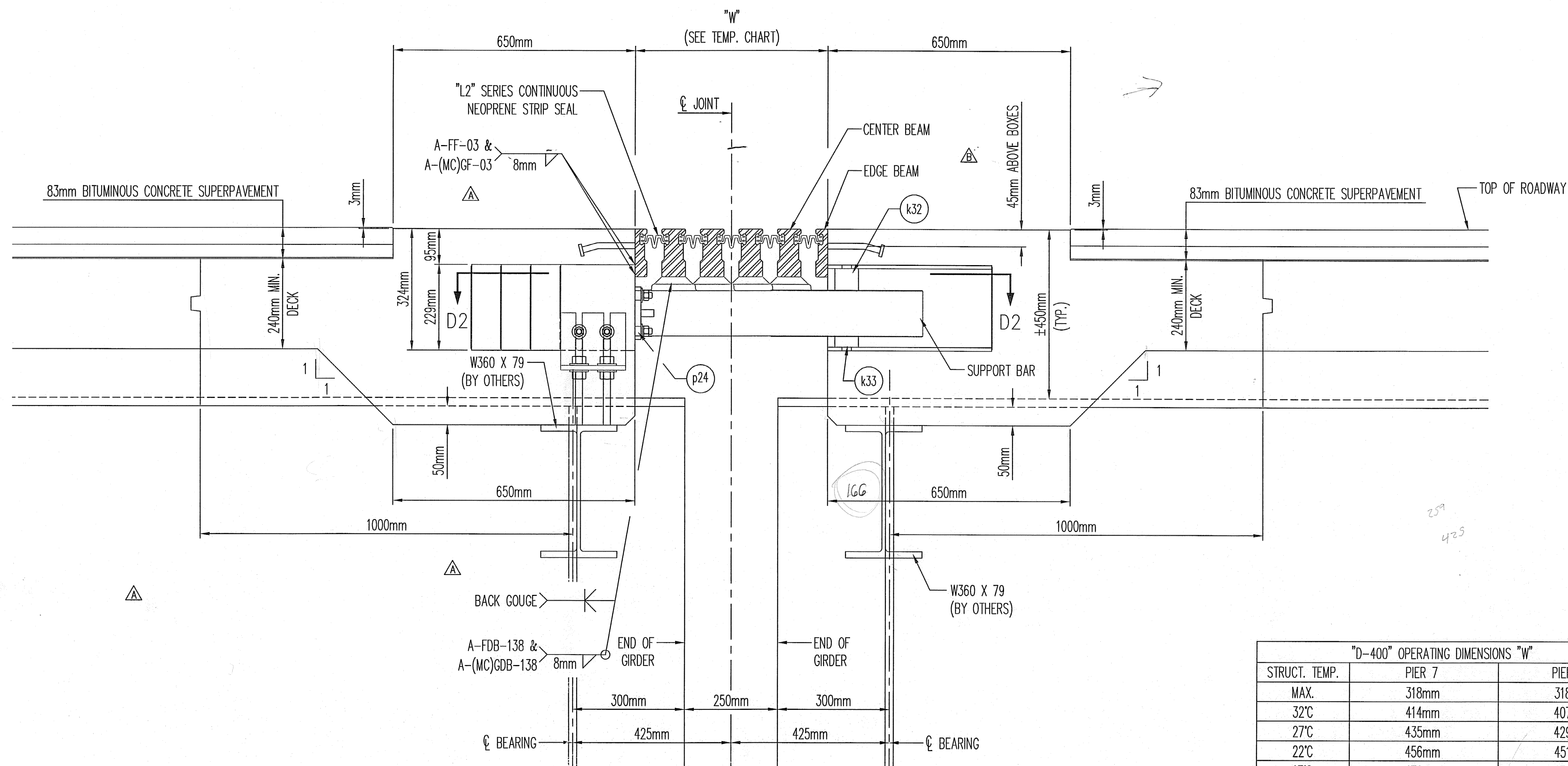
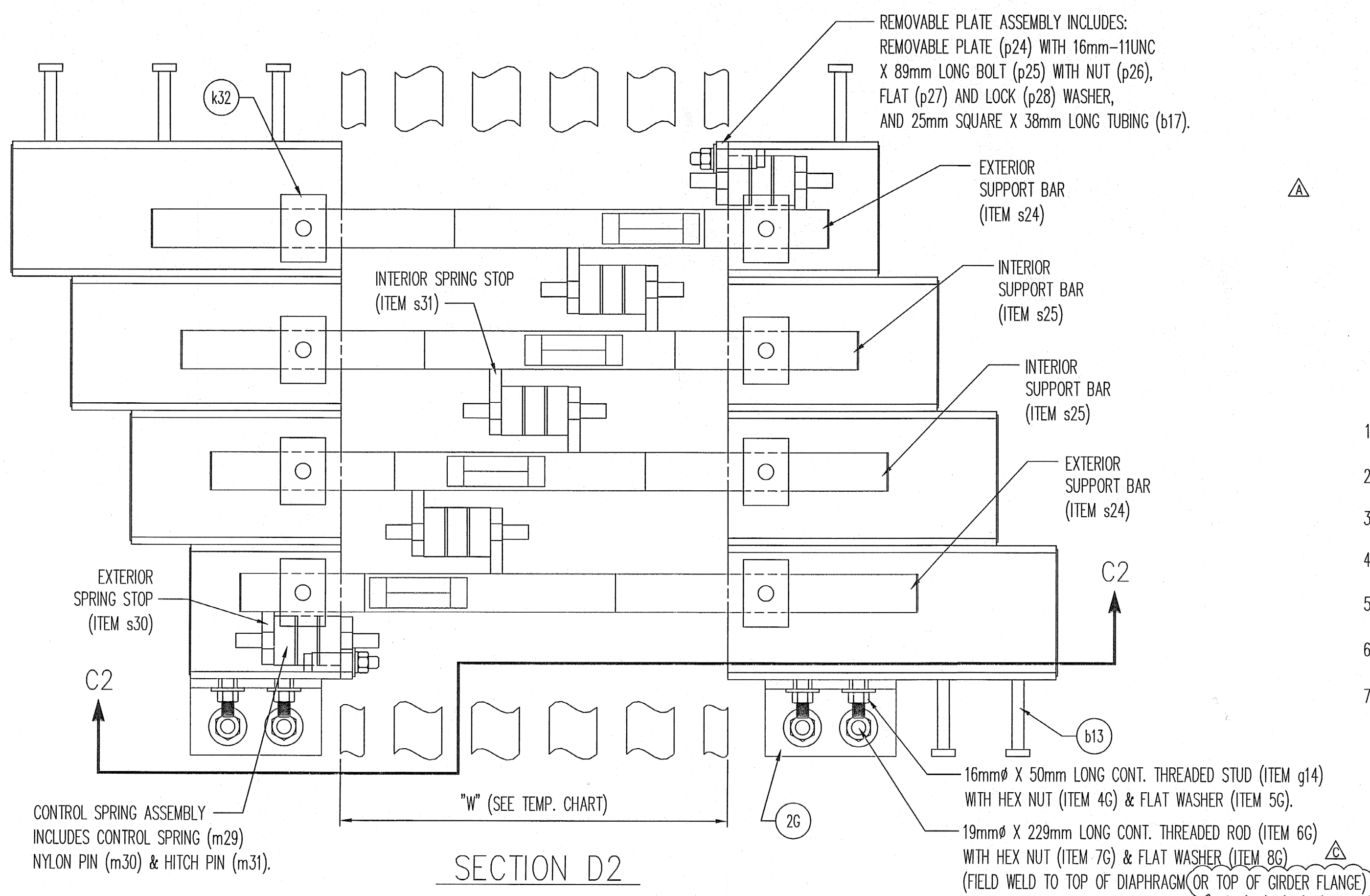




SECTION C2
DIMENSIONS SHOWN ARE AT MID. TEMP. (7°C)



SECTION D2

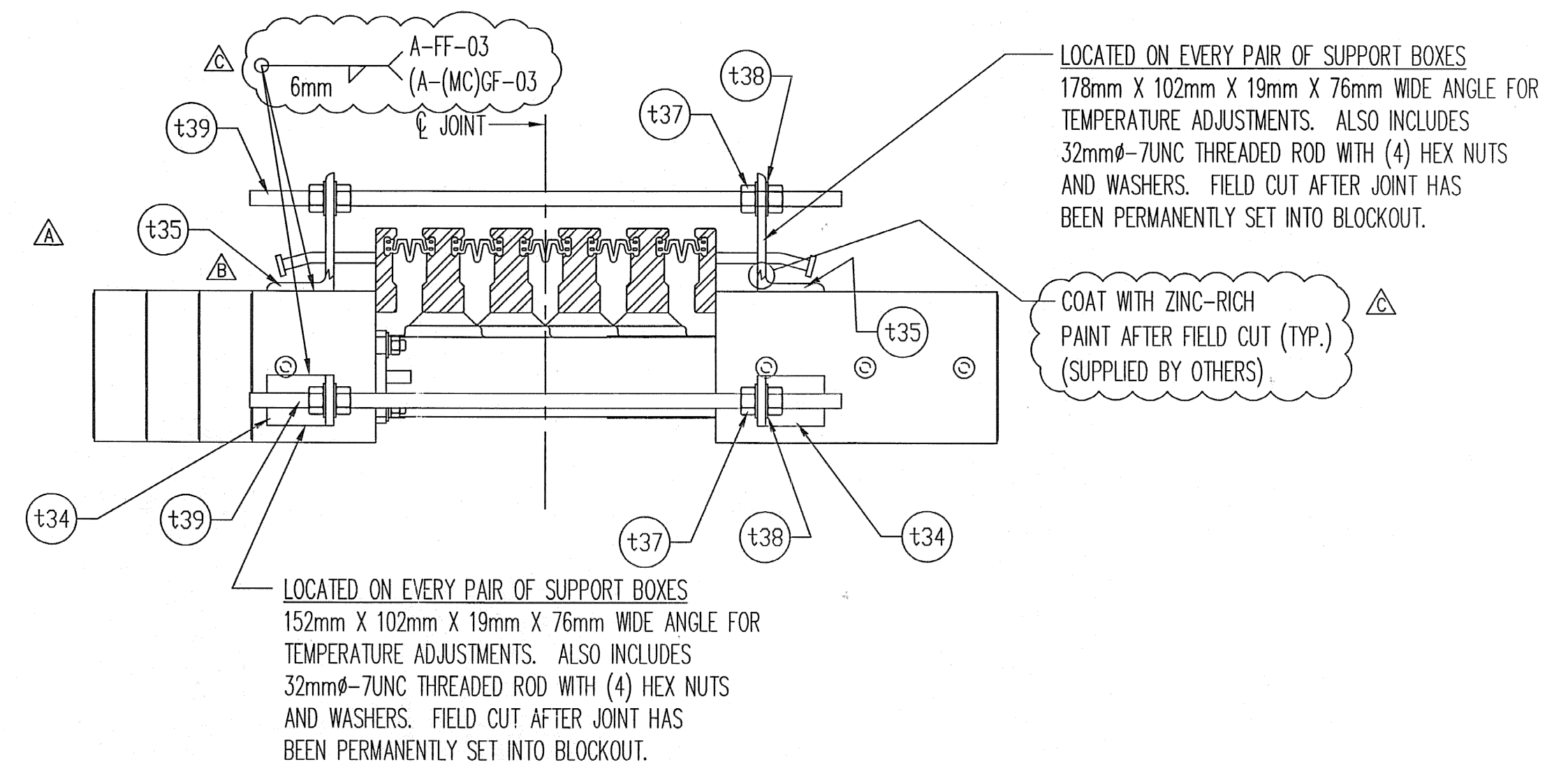
"D-400" OPERATING DIMENSIONS "W"		
STRUCT. TEMP.	PIER 7	PIER 15
MAX.	318mm	318mm
32°C	414mm	407mm
27°C	435mm	429mm
22°C	456mm	451mm
17°C	476mm	474mm
12°C	497mm	496mm
7°C MID.	518mm	518mm
2°C	539mm	540mm
-3°C	560mm	562mm
-8°C	580mm	585mm
-13°C	601mm	607mm
-18°C	622mm	629mm
MIN.	718mm	718mm

TEMPERATURE
ADJUSTMENT CHART

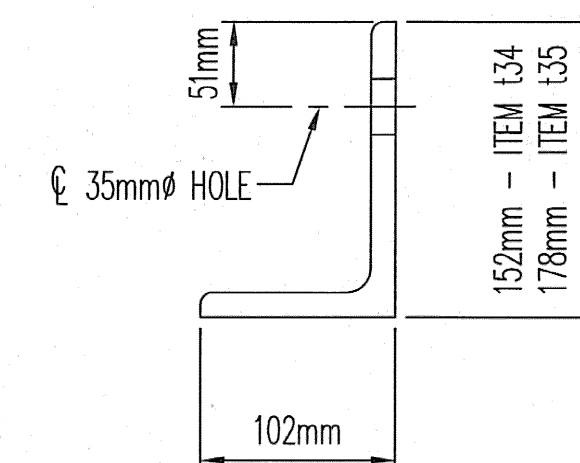
THERMAL MOVEMENT @ PIER 7 = 20.8mm / 5°C
THERMAL MOVEMENT @ PIER 15 = 22.2mm / 5°C

INSTALLATION PROCEDURES

- 1) FIELD ENGINEER SHALL DETERMINE JOINT OPENING ON DAY OF INSTALLATION.
- 2) PLACE JOINT IN BLOCKOUT AND PROPERLY ALIGN BOTH HORIZONTALLY AND VERTICALLY. (JOINT MUST FOLLOW ROADWAY GRADE.)
- 3) MODIFY REBAR (AS DIRECTED BY THE ENGINEER) TO RECEIVE MODULAR EXPANSION JOINT.
- 4) TIGHTEN ALL EXPANSION JOINT SUPPORT CONNECTIONS. FIELD WELD THREADED RODS TO TOP OF DIAPHRAGM OR TOP OF GIRDER FLANGE.
- 5) AFTER JOINT IS SECURED, REMOVE TEMPORARY ADJUSTMENT DEVICES AS DIRECTED.
- 6) CONTRACTOR TO PLACE FORMWORK SO THAT NO CONCRETE FLOWS INTO BOXES AND JOINT GAP OPENINGS.
- 7) POUR AND VIBRATE CONCRETE INTO BLOCKOUT TO ENSURE PROPER CONSOLIDATION AROUND ALL EMBEDDED COMPONENTS. REMOVE FORMWORK AFTER CURE TIME, AS DETERMINED BY FIELD ENGINEER.



"D-400" TEMPERATURE ADJUSTMENT DETAIL



TEMPERATURE ADJUSTMENT
ANGLE DETAIL

SHOP DRAWING REVIEW

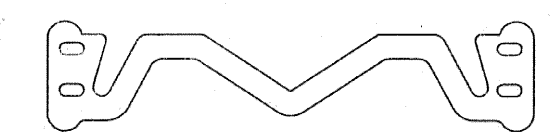
☐ REVIEWED AS REQUIRED BY THE CONSTRUCTION CONTRACT DOCUMENTS AND APPROVED, BUT ONLY FOR CONFORMANCE TO THE DESIGN CONCEPT OF THE WORK, AND SUBJECT TO FURTHER LIMITATIONS AND REQUIREMENTS CONTAINED IN THE CONSTRUCTION CONTRACT DOCUMENTS.

☐ REJECTED ☐ REVISE AND RESUBMIT ☒ FURNISH AS CORRECTED

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF GENERAL COMPLIANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS WORK WITH THAT OF ALL OTHER TRADES; AND PERFORMING HIS WORK IN A SAFE AND SATISFACTORY MANNER.

VHB Vanasse Hangen Brustlin, Inc.
Engineers, Planners, and Scientists
Six Bedford Farms, Milton Rd.
Bedford, NH 03110 603 644 0986

Job Number: 5091
Reviewed By: SMH
Date: 6/1/06



'L2' SERIES STRIP SEAL
L2-400 SEAL

D.S. BROWN
300 E. CHERRY STREET
NORTH BALTIMORE, OHIO 45872
419.257.3561
FAX: 419.257.0332
4201 NOREX DRIVE
CHASKA, MINNESOTA 55318
952.368.3000
FAX: 952.448.7000
DSBROWN.COM

REV.	DESCRIPTION	DATE	DET.	CHKD.
1	REMOVED NOTE IN SECTION C2; MODIFIED INSTALL. NOTES, TEMP. ADJ. DETAIL, & ITEMS IN TITLE BLOCK	04/02/06	RES	JLW
2	ADDED STUD ANCHORS ABOVE SUPPORT BOXES; REMOVED NOTE	01/19/06	RES	JLW
3	LOWERED SUPPORT BOXES ON EDGE BEAMS; MODIFIED SUPPORT BARS	10/25/05	RES	JLW
LOCATION — VT 78 OVER MISSISQUOI BAY		ITEM	QUANTITY	
BRIDGE — 2		—	—	
PROJECT NO. — BR 036-1 (1)		—	—	
TOWN — ALBURG AND SWANTON		—	—	
P.O. NO. — P078559 MIS		—	—	
SUPERVISOR — MARK KACZINSKI		—	—	
CUSTOMER — CIANBRO CORPORATION		—	—	
DESCRIPTION: "D-400" SECTIONS & STANDARD DETAILS		SCALE: N.T.S.	DRAWN BY: RES	CHECKED BY: JLW
COUNTIES OF GRAND ISLE AND FRANKLIN, VERMONT		PROJECT NUMBER: 12244	PRODUCT CODE: 1021	DATE: 03-11-05
				REVISE SHEET: 6 OF 15
				SHEET: 6