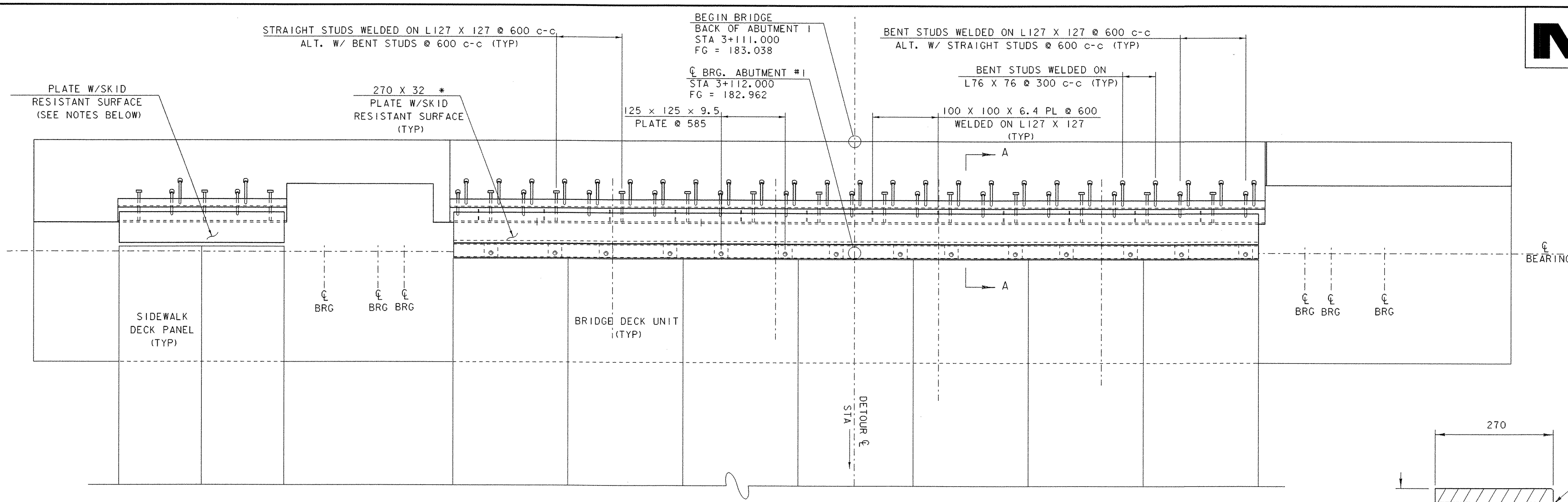
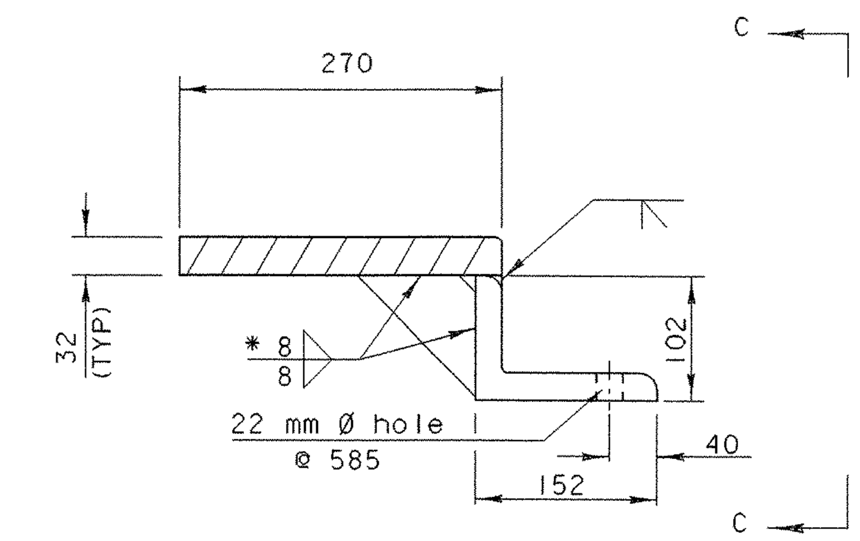


* PLATE MAY BE ONE OR TWO PIECES.

BRIDGE EXPANSION JOINT PLAN
AT ABUTMENT NO. 1

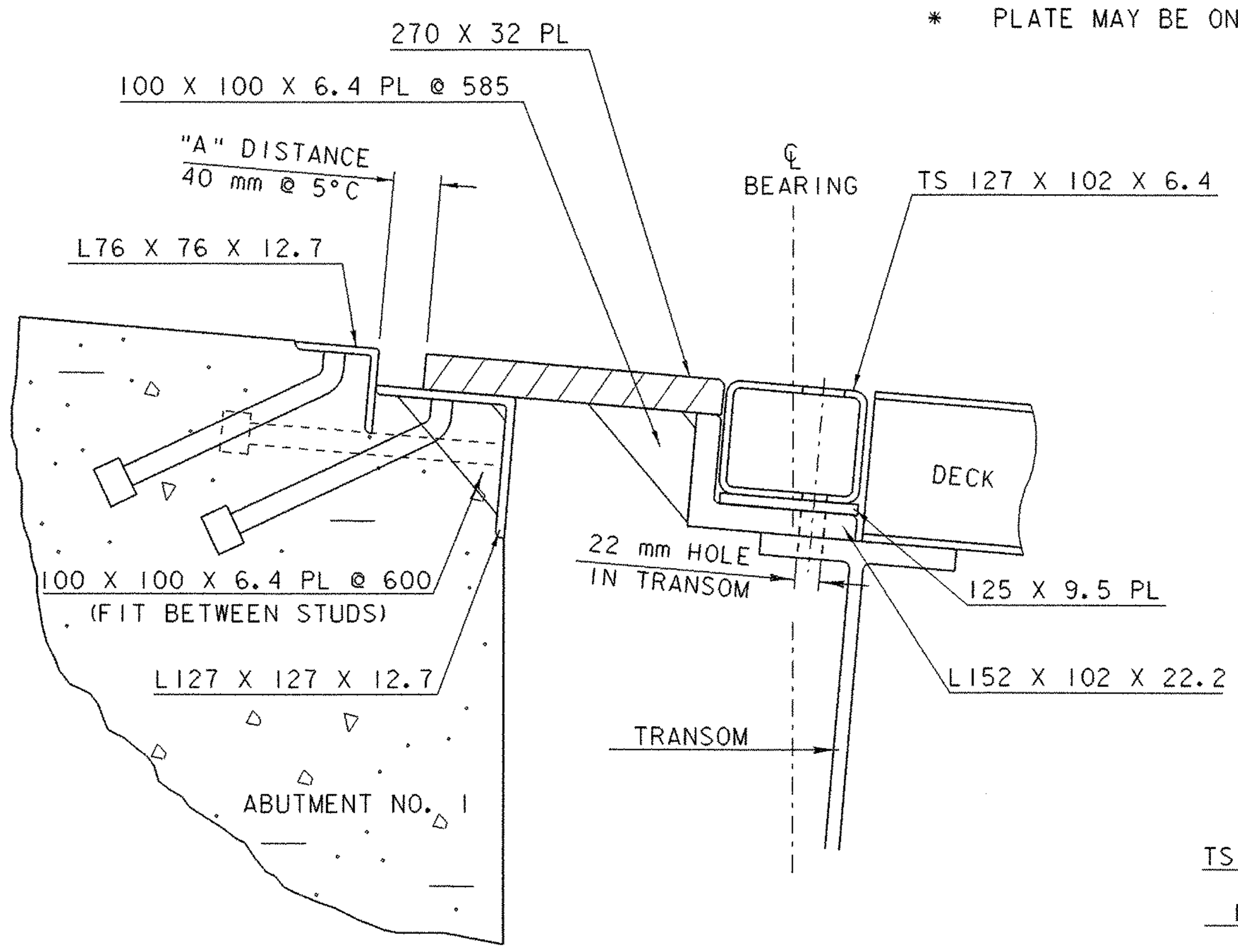
SCALE = 1:20



* SAME WELD FOR GUSSET PLATE IN BACKWALL

SECTION B-B

SCALE = 1:5



SECTION A-A

SCALE = 1:5

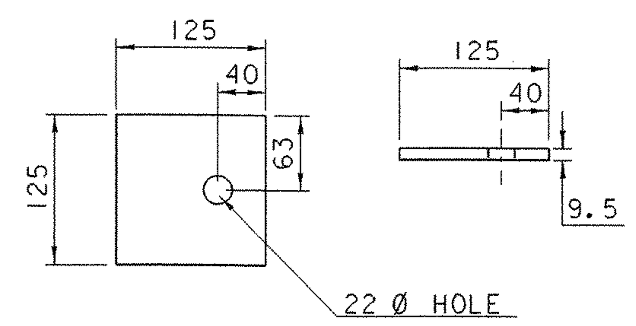
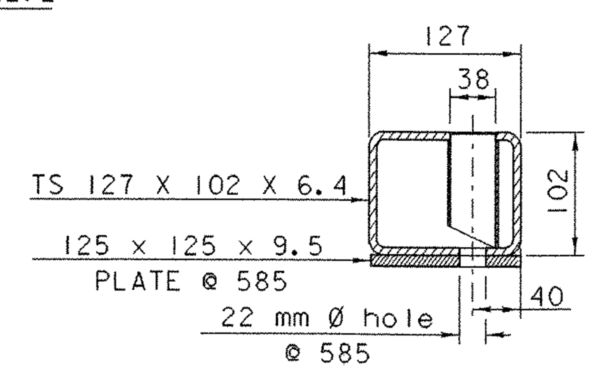


PLATE DETAIL

SCALE = 1:5



STRUCTURAL TUBE DETAIL

SCALE = 1:5

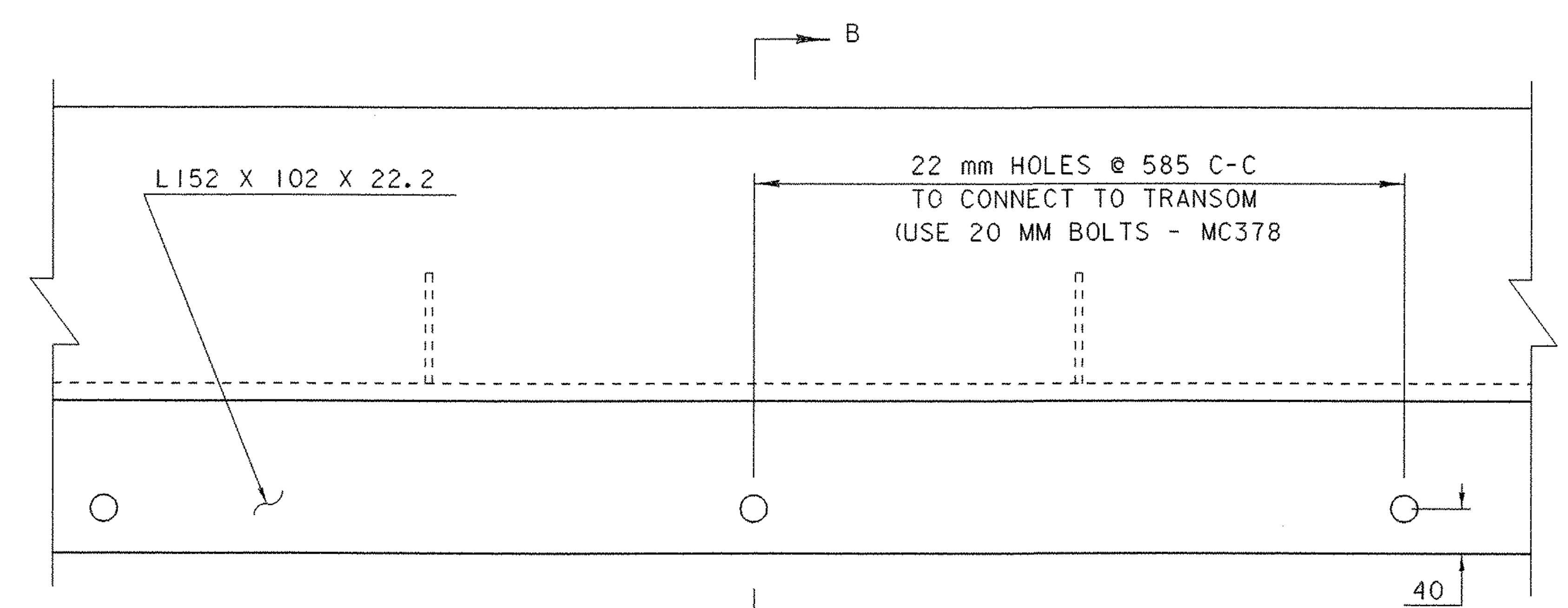
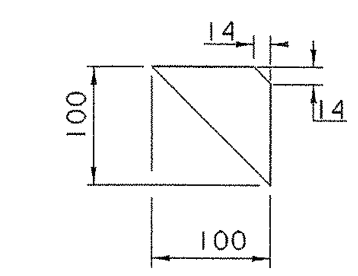


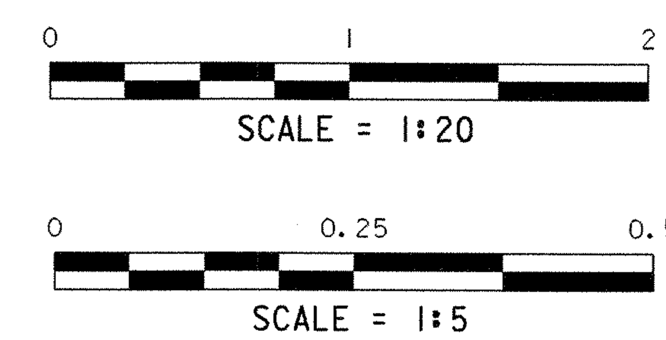
PLATE PLAN

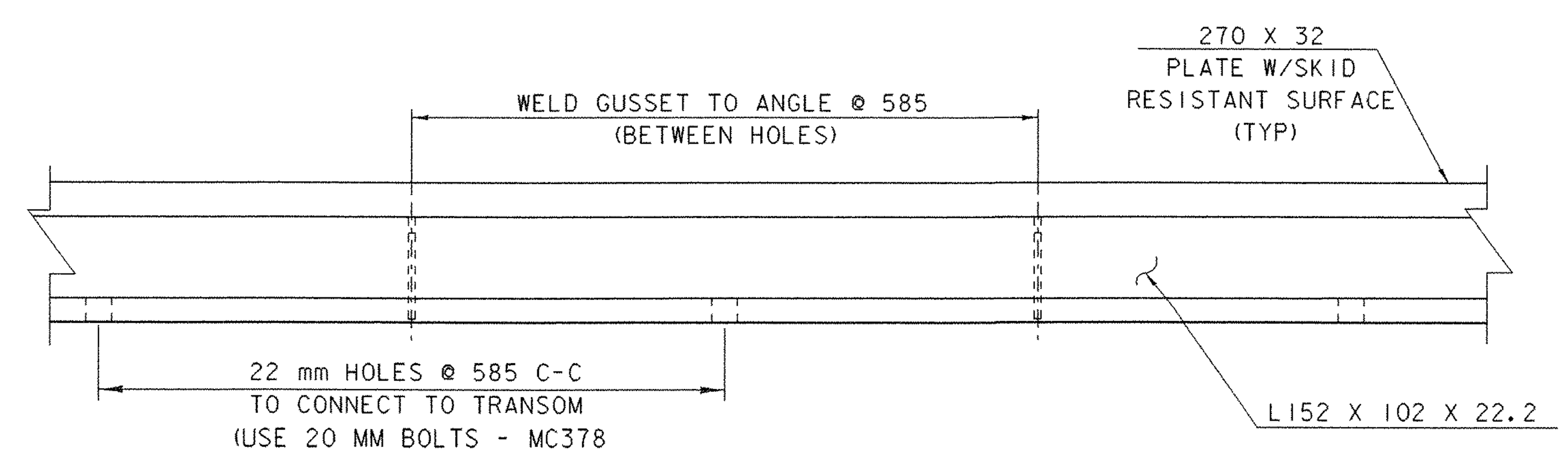
SCALE = 1:5



GUSSET PLATE DETAIL

SCALE = 1:5





SECTION C-C

SCALE = 1:5

NOTES:

1. DETAILS ON THIS SHEET ARE FOR ITEM 516.10 "BRIDGE EXPANSION JOINT-MOD".
2. AN ALTERNATIVE JOINT CONFIGURATION MAY BE SUBMITTED FOR APPROVAL.
3. DETAILS FOR THE EXPANSION JOINT ON THE SIDEWALK SHALL BE SUPPLIED BY THE CONTRACTOR. ALL MATERIALS REQUIRED FOR THE SIDEWALK JOINT SHALL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM 516.10 "BRIDGE EXPANSION JOINT-MOD".
4. ALL STEEL COMPONENTS SHALL BE AASHTO M270 GRADE 36 GALVANIZED OR METALIZED AS PER SUBSECTION 506.15 (a) OR (b) UNLESS OTHERWISE SPECIFIED.
5. THE ITEM "BRIDGE EXPANSION JOINT-MOD" SHALL INCLUDE THE FABRICATION AND ERECTION OF THE COMPLETE JOINT ASSEMBLY INCLUDING ALL STEEL PLATES, ANGLES, WELDED STUDS AND ANY OTHER MISCELLANEOUS MATERIAL NECESSARY TO INSTALL JOINT.
6. DIMENSIONS FOR HOLE SPACINGS SHALL BE VARIFIED AND SHOP DRAWINGS SHALL BE PROVIDED TO THE PROJECT MANAGER FOR APPROVAL PRIOR TO FABRICATION.
7. COAT CONCRETE CONTACT SURFACES WITH EPOXY BONDING COMPOUND MEETING THE REQUIREMENTS OF SUBSECTION 719.02. PAYMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 516.10 "BRIDGE EXPANSION JOINT-MOD".
8. THE EXPANSION JOINT SHALL BE SHOP ASSEMBLED AND SHIPPED AS ONE UNIT.

TEMP	"A" DIST.
-15°C	54
-5°C	47
5°C	40
15°C	33
25°C	27
35°C	19
45°C	10

PROJECT: BETHEL REFERENCE SHEET 12	PROJECT NO.: BRF 0241(33)-C1
DESIGN FILE NAME: 96j250/structures/sj250ab-c1.dgn	
IPARM FILE NAME: s96j250exp.i	PLOT DATE: 14-APR-2005
DESIGNED BY: K.M. HIGGINS	DRAWN BY: K. M. HIGGINS
SQUAD LEADER: C.P. WILLIAMS	CHECKED BY: C. P. WILLIAMS
EXPANSION JOINT DETAILS	SHEET: 127 OF 130