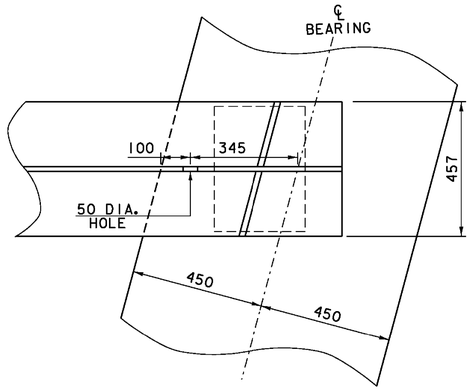
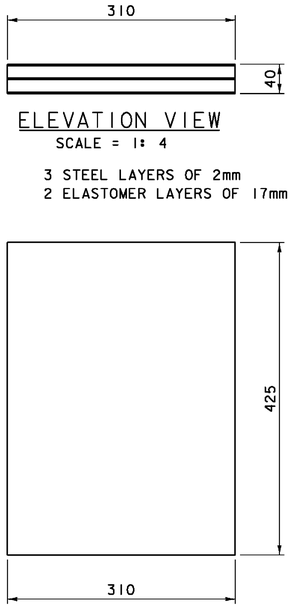


PLAN VIEW - END OF
STEEL MEMBER AT ABUTMENT
SCALE = 1: 10

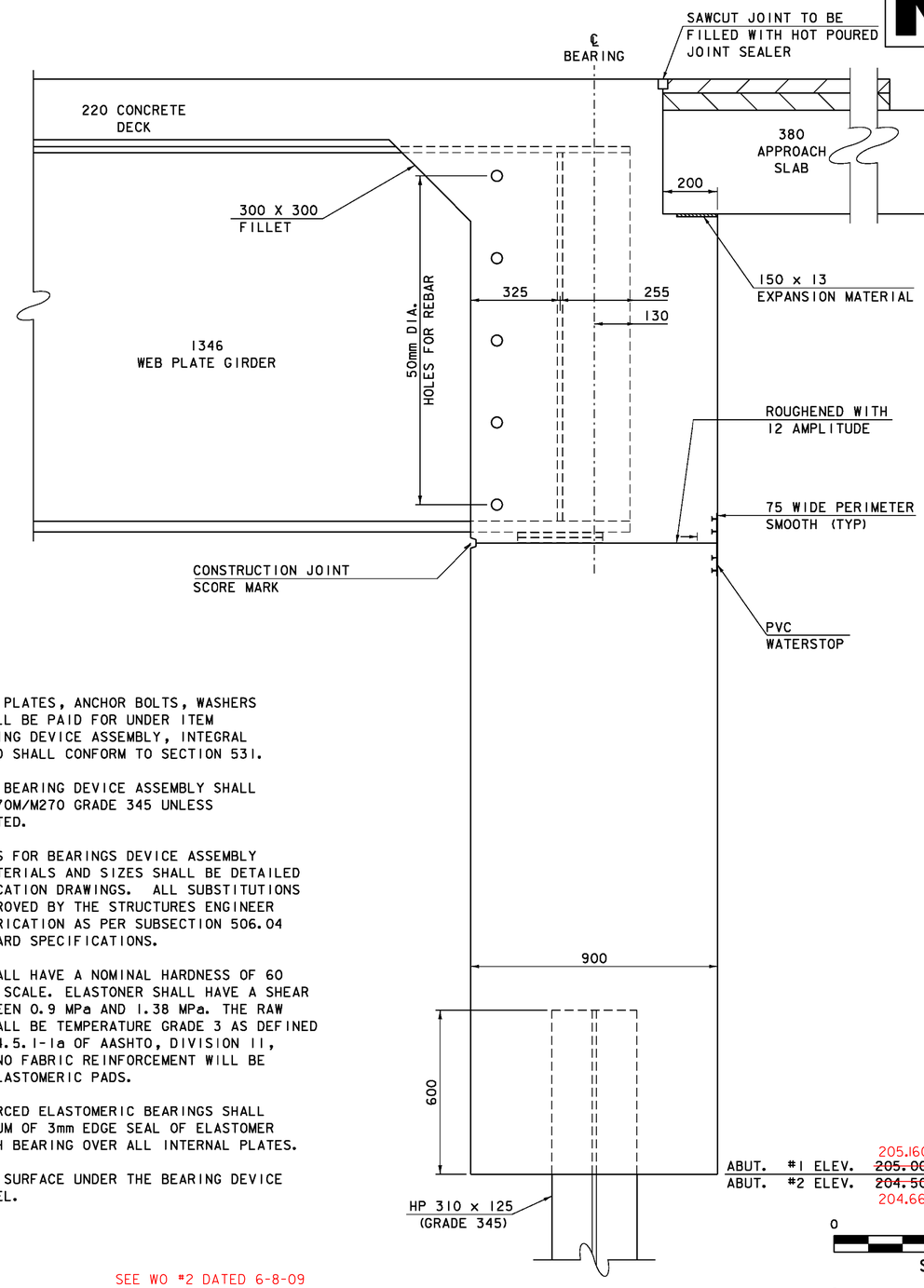


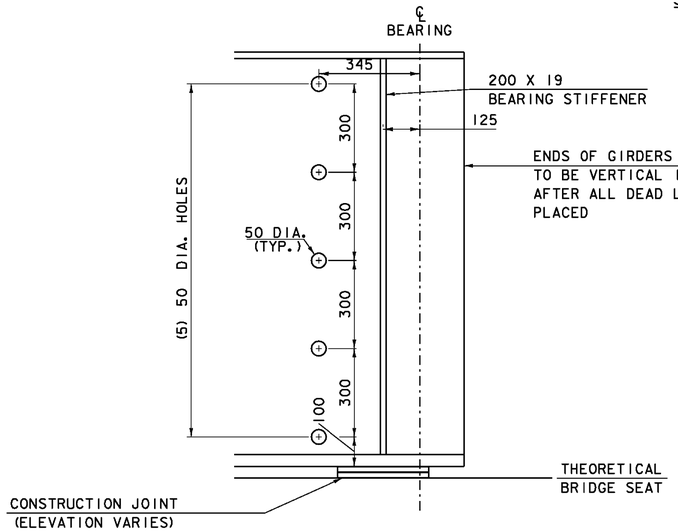
ELEVATION VIEW
SCALE = 1: 4

3 STEEL LAYERS OF 2mm
2 ELASTOMER LAYERS OF 17mm

PLAN VIEW
SCALE = 1: 4

STEEL REINFORCED ELASTOMER





ELEVATION VIEW - END OF
STEEL MEMBER AT ABUTMENT
SCALE = 1: 10

NOTES:

1. THE LEVELING PLATES, ANCHOR BOLTS, WASHERS AND NUTS SHALL BE PAID FOR UNDER ITEM 531.14 "BEARING DEVICE ASSEMBLY, INTEGRAL ABUTMENT" AND SHALL CONFORM TO SECTION 531.

2. ALL STEEL IN BEARING DEVICE ASSEMBLY SHALL BE AASHTO M270M/M270 GRADE 345 UNLESS OTHERWISE NOTED.

3. SUBSTITUTIONS FOR BEARINGS DEVICE ASSEMBLY COMPONENT MATERIALS AND SIZES SHALL BE DETAILED ON THE FABRICATION DRAWINGS. ALL SUBSTITUTIONS SHALL BE APPROVED BY THE STRUCTURES ENGINEER PRIOR TO FABRICATION AS PER SUBSECTION 506.04 OF THE STANDARD SPECIFICATIONS.

4. ELASTOMER SHALL HAVE A NOMINAL HARDNESS OF 60 ON SHORE 'A' SCALE. ELASTONER SHALL HAVE A SHEAR MODULUS BETWEEN 0.9 MPa AND 1.38 MPa. THE RAW ELASTOMER SHALL BE TEMPERATURE GRADE 3 AS DEFINED IN TABLE 18.4.5.1-1a OF AASHTO, DIVISION II, SECTION 18. NO FABRIC REINFORCEMENT WILL BE ALLOWED IN ELASTOMERIC PADS.

5. STEEL REINFORCED ELASTOMERIC BEARINGS SHALL HAVE A MINIMUM OF 3mm EDGE SEAL OF ELASTOMER INTEGRAL WITH BEARING OVER ALL INTERNAL PLATES.

6. THE CONCRETE SURFACE UNDER THE BEARING DEVICE SHALL BE LEVEL.

SEE WO #2 DATED 6-8-09

THEORETICAL BRIDGE SEAT CHART		
	ABUTMENT #1	ABUTMENT #2
BEAM 1	207.108	206.553
BEAM 2	207.215	206.660
BEAM 3	207.287	206.732
BEAM 4	207.239	206.684
BEAM 5	207.156	206.601

ELEVATION VIEW - END OF
STEEL MEMBER AT ABUTMENT
SCALE = 1: 10

ABUT. #1 ELEV. 205.160 ~~205.000~~
ABUT. #2 ELEV. ~~204.500~~ 204.660

0 0.5 1
SCALE = 1: 10

0 0.25 0.5
SCALE = 1: 5

PROJECT: EAST MONTPELIER	PROJECT NO.: BRF 028-3(36)
DESIGN FILE NAME: /98b254/str/sb254sub.dgn	
IPARM FILE NAME: sb254end.i	PLOT DATE: 03-FEB-2009
DESIGNED BY: J. LACROIX	DRAWN BY: R. PELLETT
SQUAD LEADER: K. HIGGINS	CHECKED BY: J. LACROIX
BRIDGE END DETAILS	SHEET: 37 OF 68