PANDROL

Weld-on shoulder recommendations and instructions

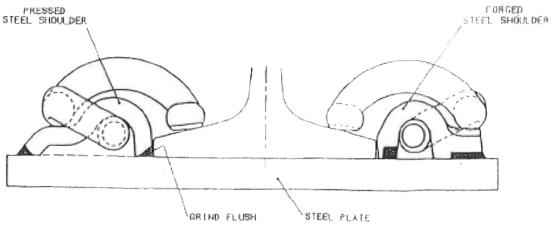
Updated December 19, 2019

Forged weld-on shoulder welding recommendations

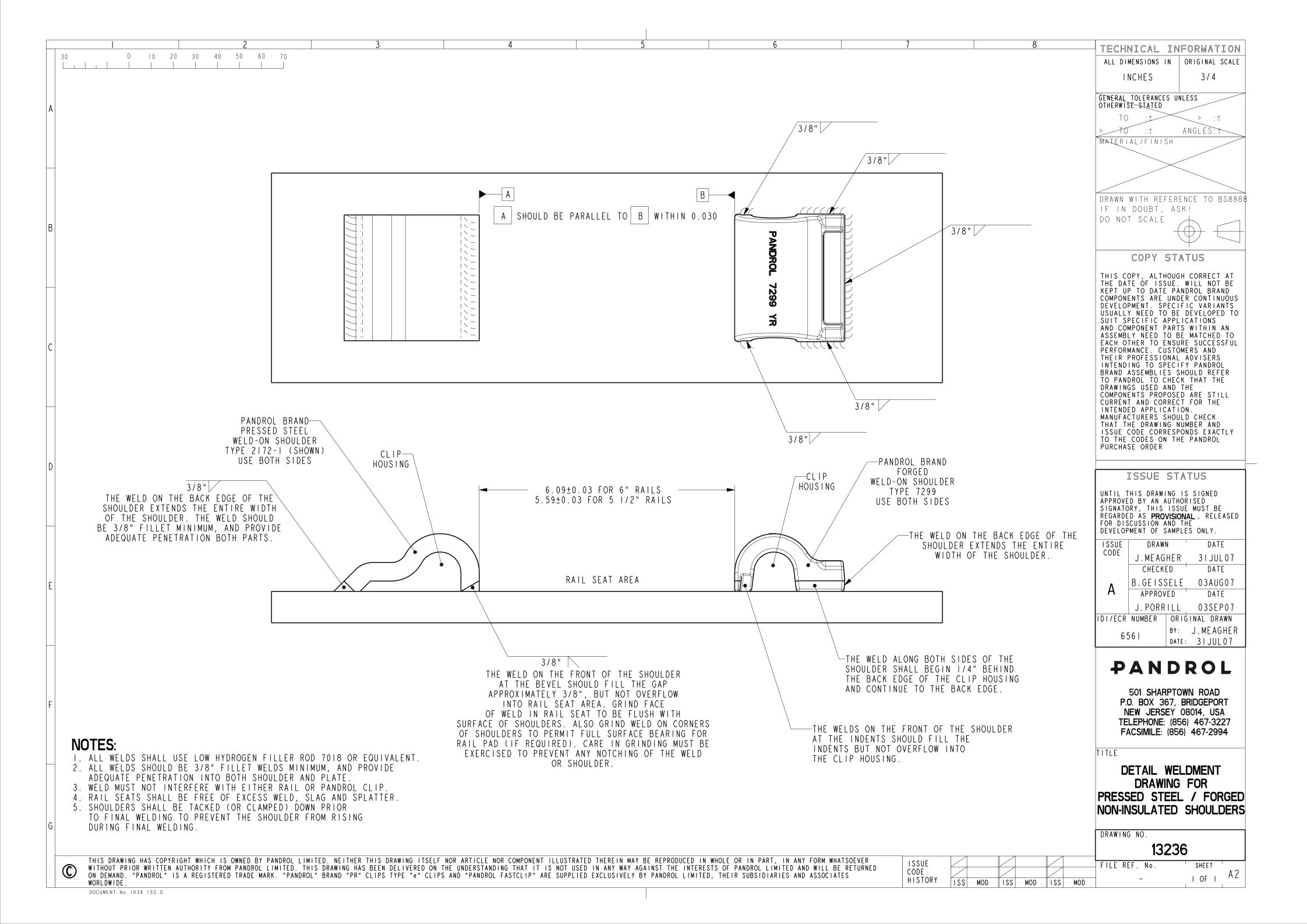
The following are basic recommendations for welding the Pandrol brand forged shoulder. The welds on the front of the shoulder at the predetermined indents should fill the gaps, approximately 1/4", but not overflow into the clip housing. The welds along both sides of the shoulder should begin 1/4" behind the back edge of the clip housing and continue to the back edge. The welds on the back should extend a minimum of 1" from each outer edge, to a maximum of the entire width of the shoulder. All of the welds should be a 3/8" fillet welds minimum and provide adequate penetration into both parts.

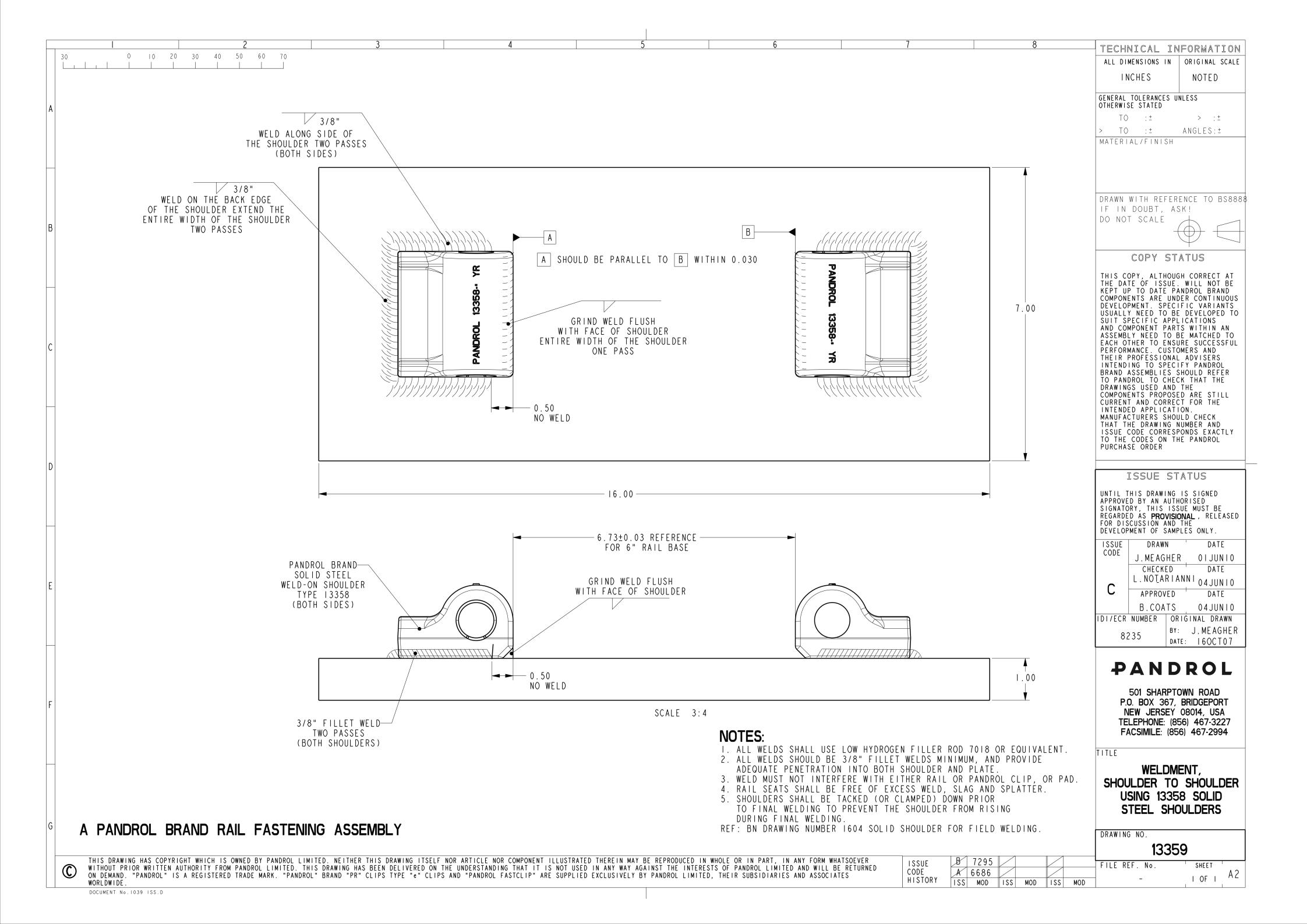
Pressed steel weld-on shoulder recommendations

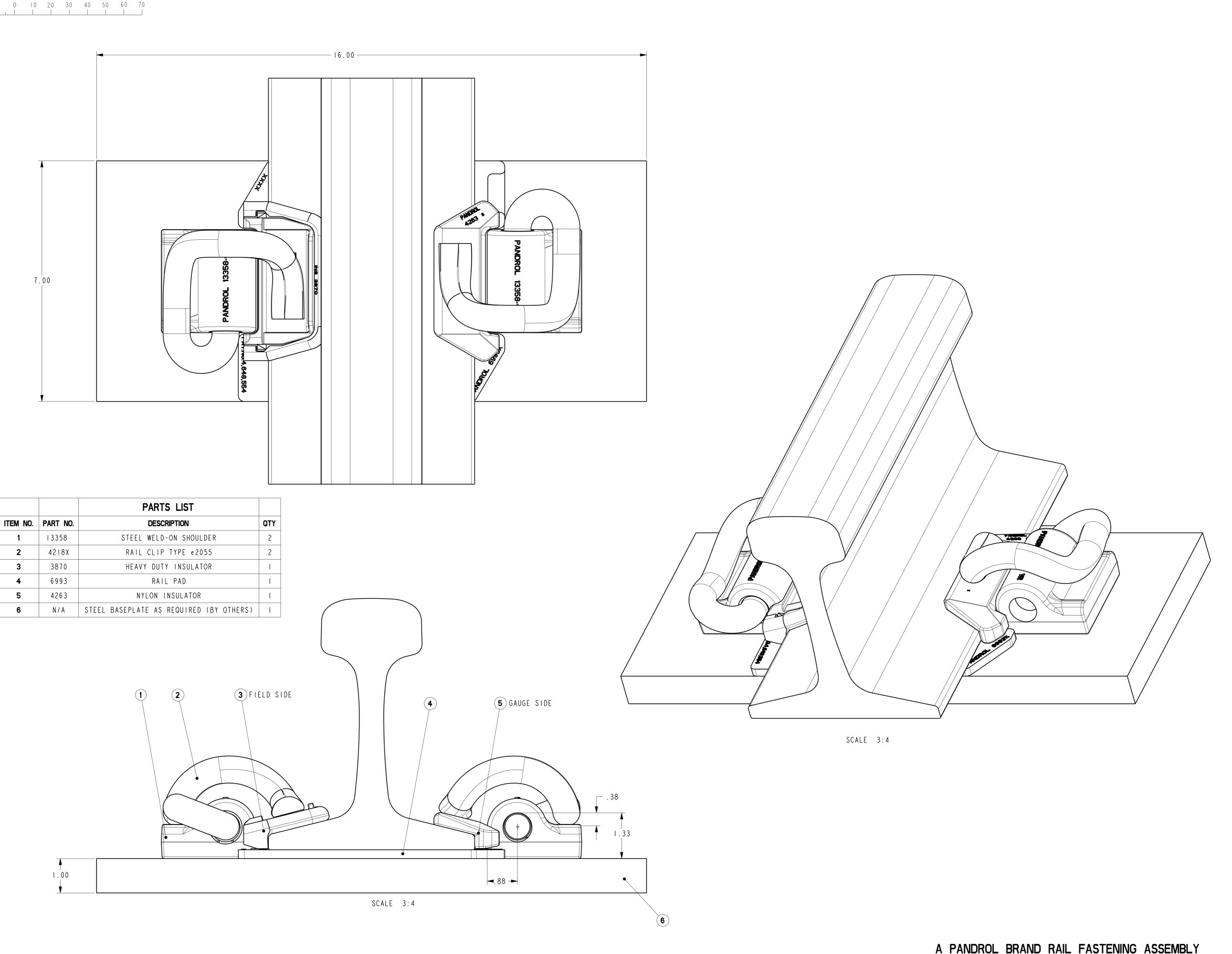
The following are basic recommendations for welding the Pandrol brand pressed steel weld-on shoulder (WOS). Both of the welds should be 3/8" fillet welds minimum and provide adequate penetration into both parts. The weld on the front of the WOS should be ground flush so that it does not protrude into the rail seat area. Care should be taken not to undercut the front or rear chamfer as this will affect the toe load of the clip.



NOTE: ALL VELOS 3/6" FILLET MINIMIM







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ALL DIMENSIONS IN ORIGINAL SCALE

NOTED

MEDAL TOLEDANCES HALLSS

GENERAL TOLERANCES UNLESS OTHERWISE STATED

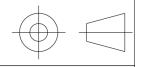
INCHES

TO :± > :±
> TO :± ANGLES :±

MATERIAL/FINISH

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PANDROL

501 SHARPTOWN ROAD P.O. BOX 367, BRIDGEPORT NEW JERSEY 08014, USA TELEPHONE: (856) 467-3227 FACSIMILE: (856) 467-2994

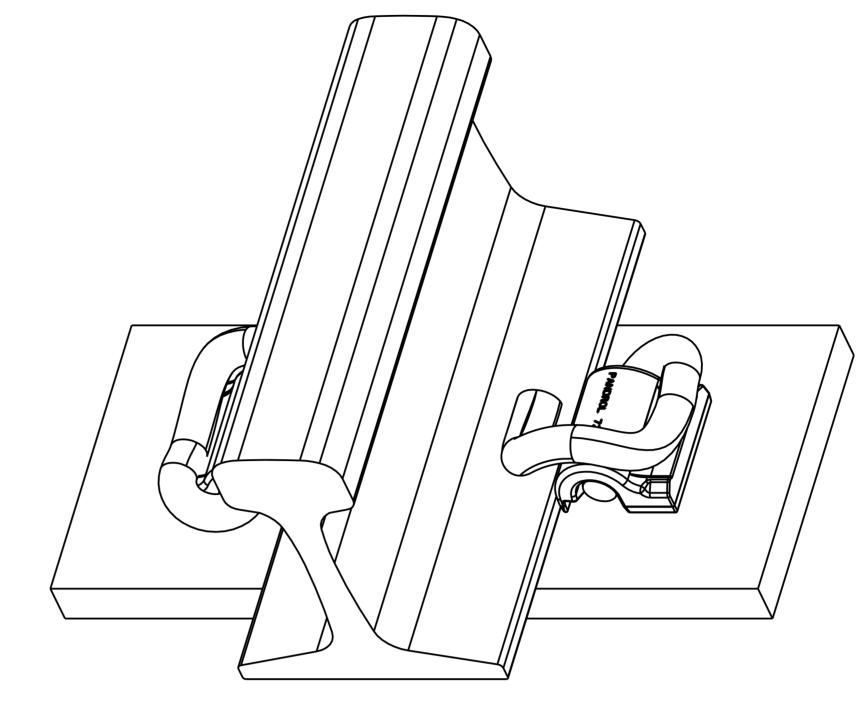
ASSEMBLY,
SOLID STEEL
WELD-ON SHOULDER
FOR INSULATED RAIL

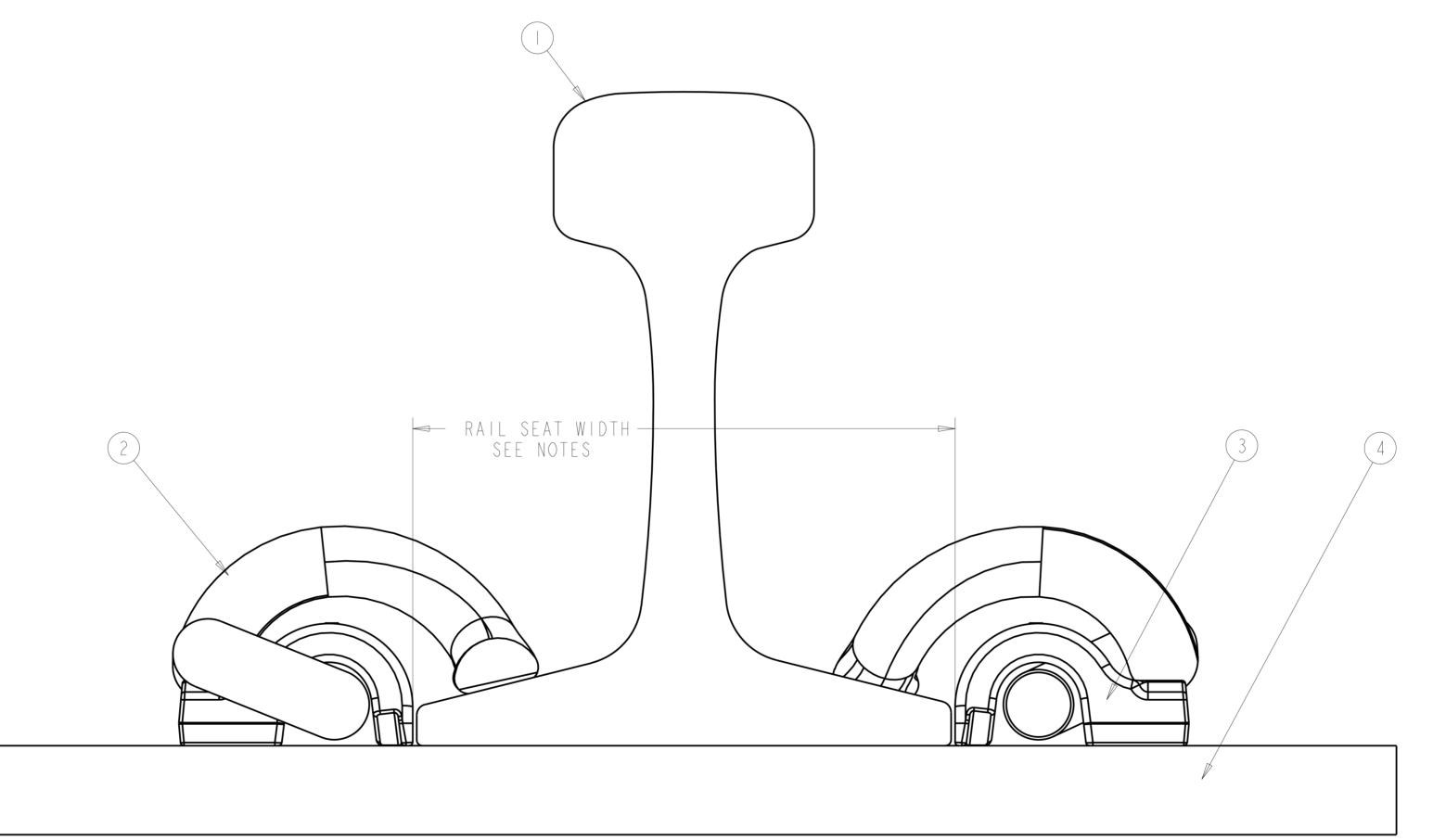
DRAWING No.

13357

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| PARTS LIST | | | | | | | | |
| ITEM NO. | PART NO. | DESCRIPTION | REMARKS | QTY | | | | |
| | N / A | RAIL | NOTE | _ | | | | |
| 2 | 4218 | e 2 0 5 5 | - | 2 | | | | |
| 3 | 7299 | FORGED WELD-ON SHOULDER | - | 2 | | | | |
| 4 | N/A | STEEL PLATE | - | _ | | | | |
| QUANTITIES | LISTED PER RAII | L SEAT | , | | | | | |





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TITLE

7299 WELD-ON SHOULDER **ASSEMBLY**

DRAWING No. 16186 SHEET I OFI AI

I. MEASUREMENTS ARE A 5.5" & 6" RAIL 6.09±0.03 FOR 6" RAILS

5.59±0.03 FOR 5.5" RAILS 2. SEE WELDMENT DRAWING 13236

PANDROL ZRAILTECH FILE REF. No. The Railway Division of the Delachaux Group

DOCUMENT No.1040 ISS. E