



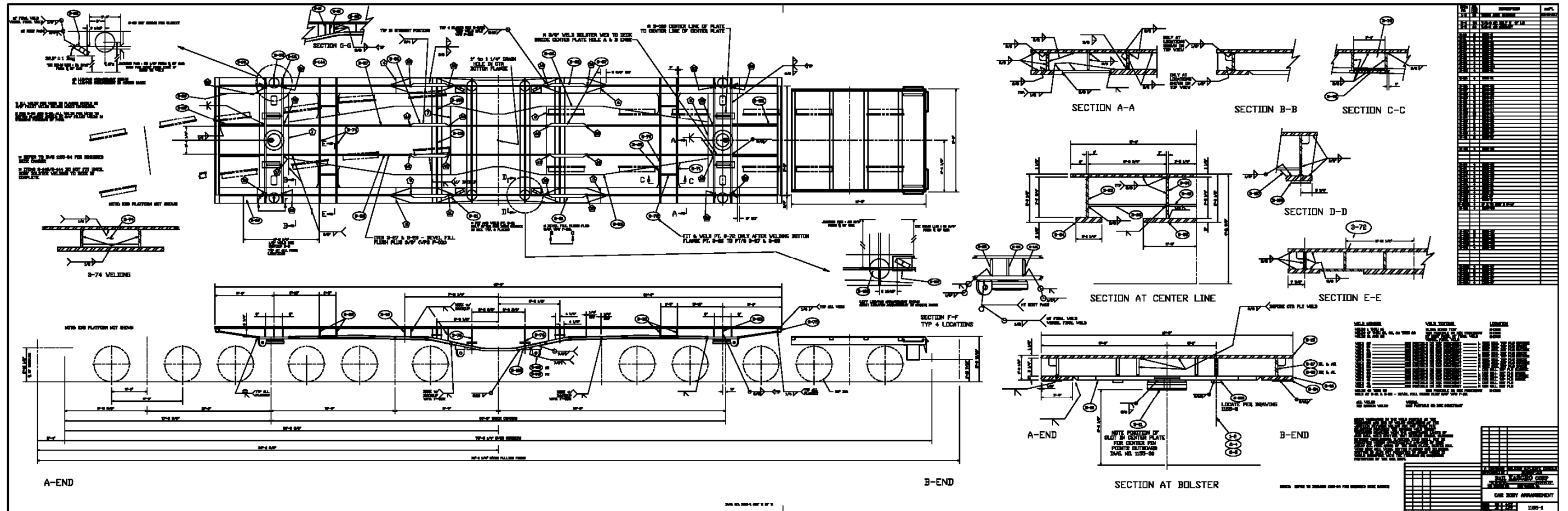
Orano Federal Services
Title: Design and Prototype Fabrication of Railcars for Transport of
High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
Appendix A

Doc./Rev.: EIR-3021970-000
Project: 00225.03.0050 DOE Atlas Project

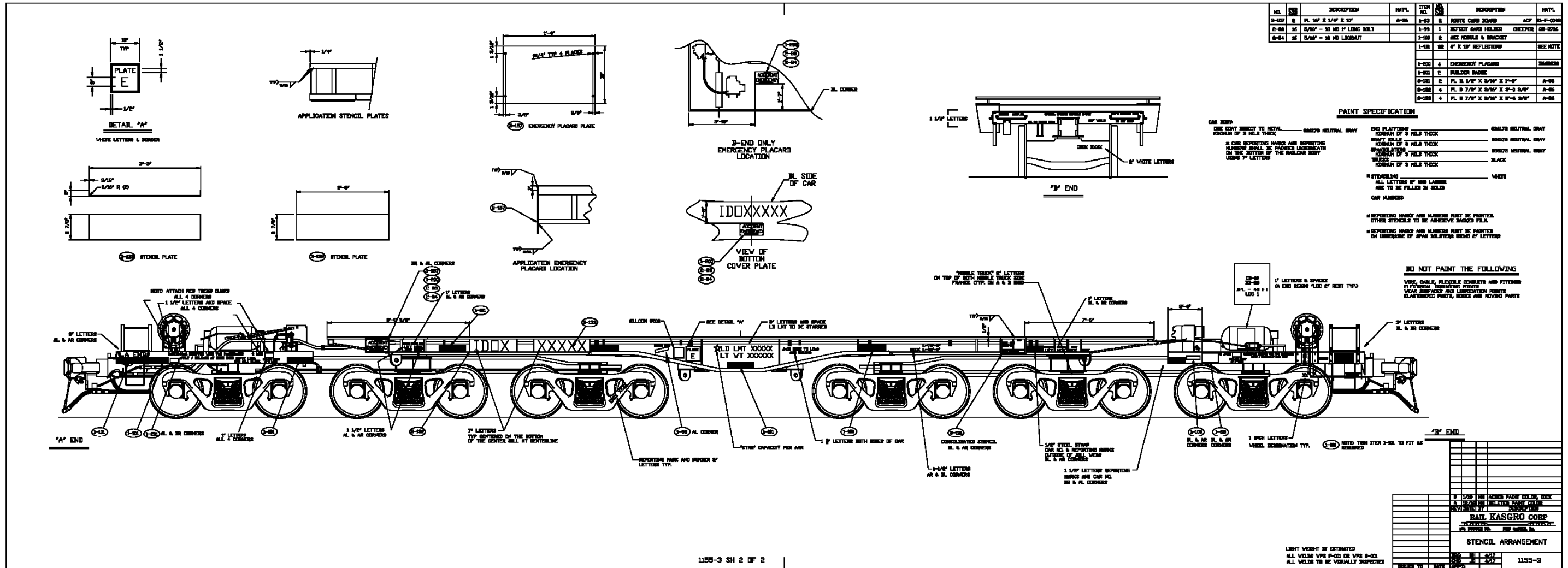
Appendix A

Atlas Railcar As-Built Fabrication Drawings

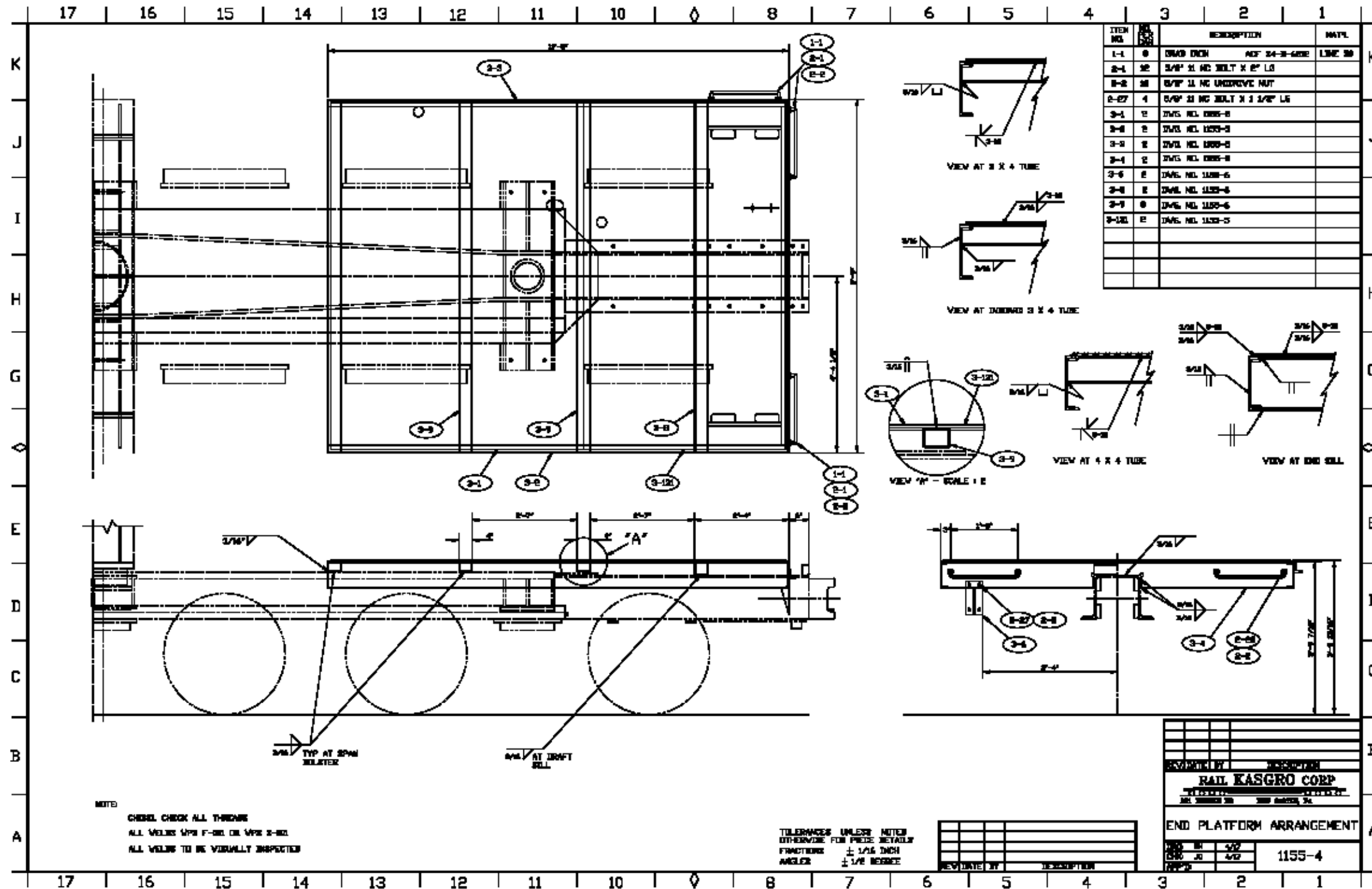
APPENDIX A.1 GENERAL ARRANGEMENT



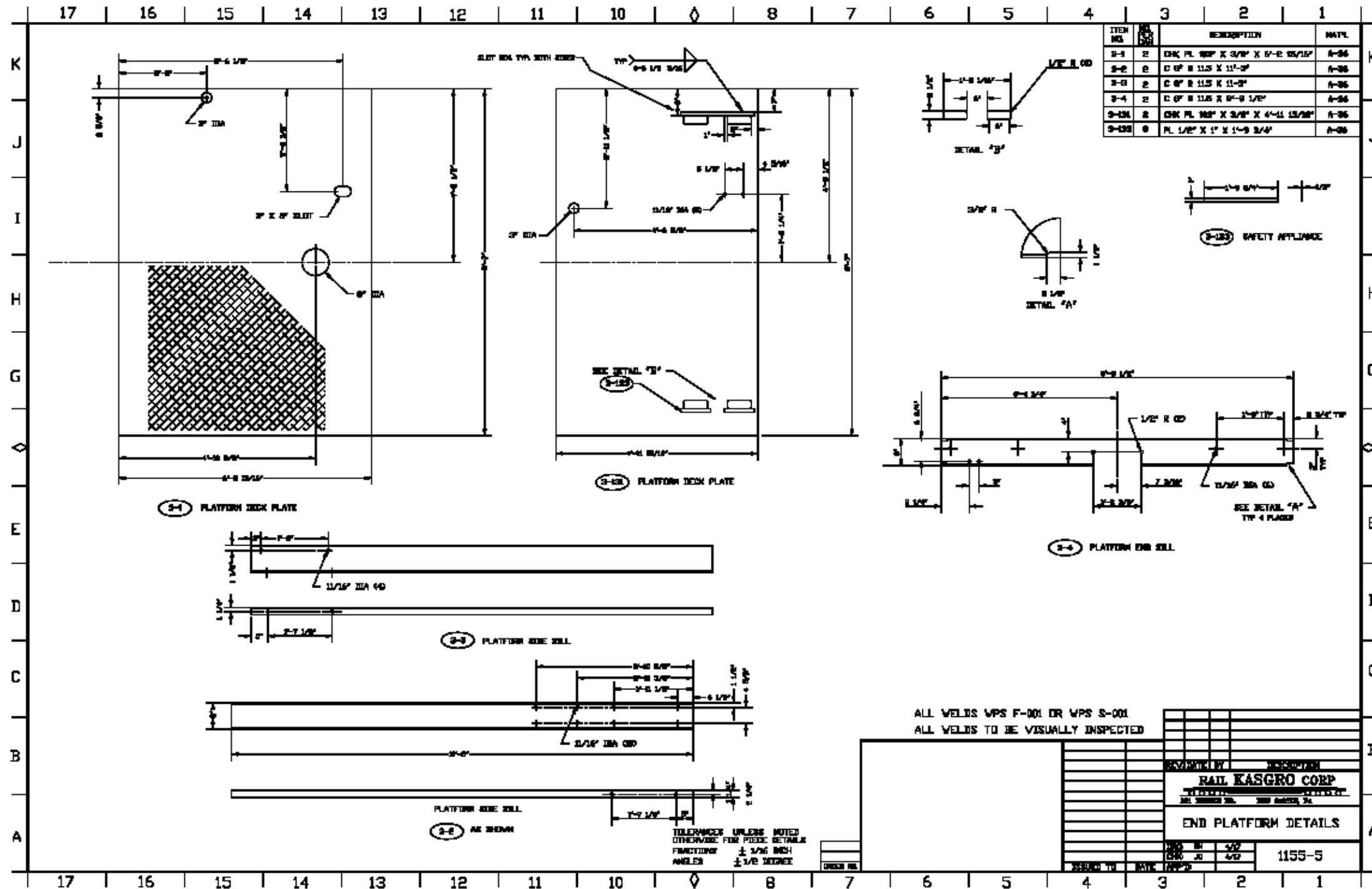
APPENDIX A.3 STENCIL ARRANGEMENT



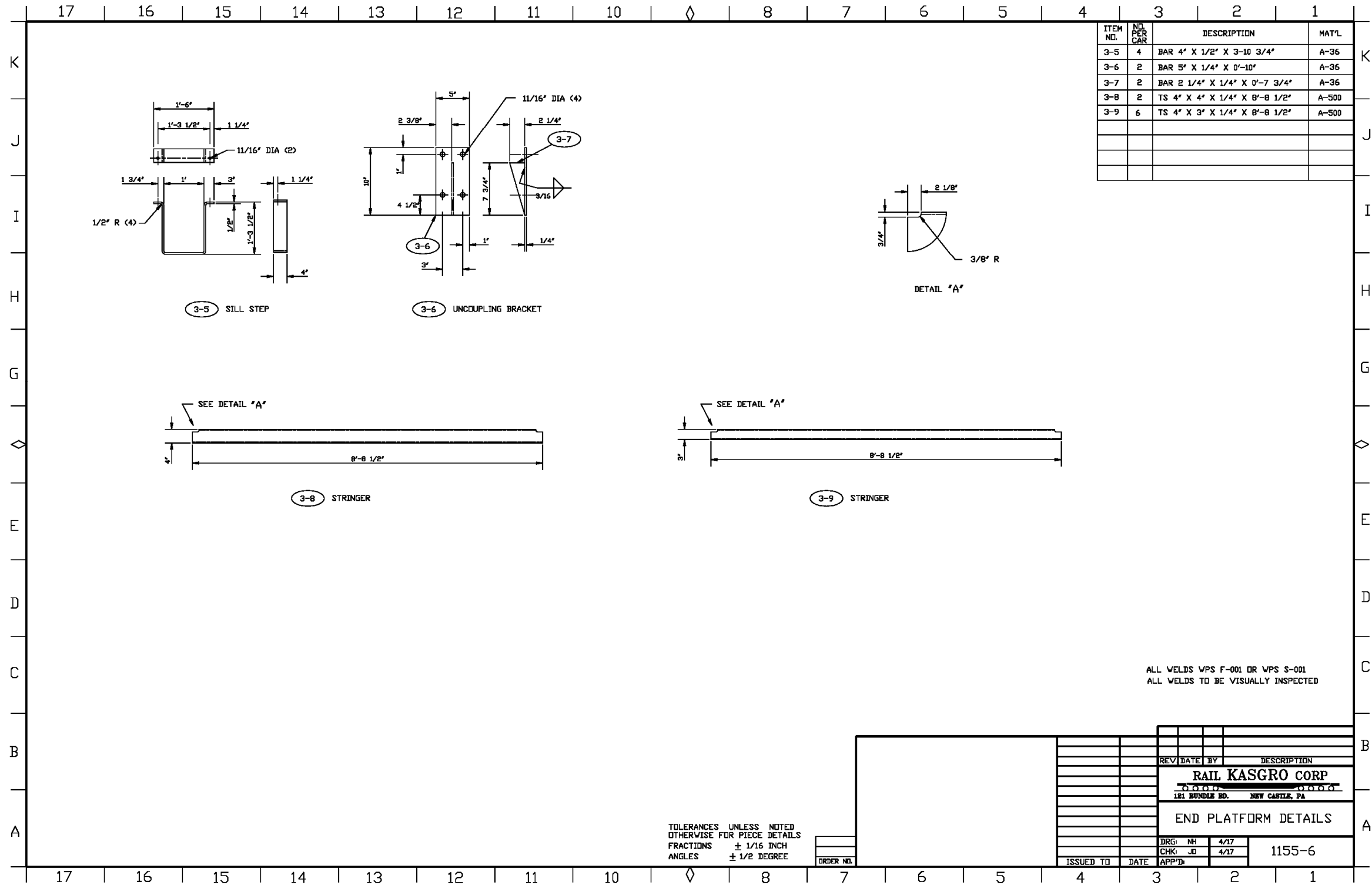
APPENDIX A.4 END PLATFORM ARRANGEMENT



APPENDIX A.5 END PLATFORM DETAILS



APPENDIX A.6 END PLATFORM DETAILS

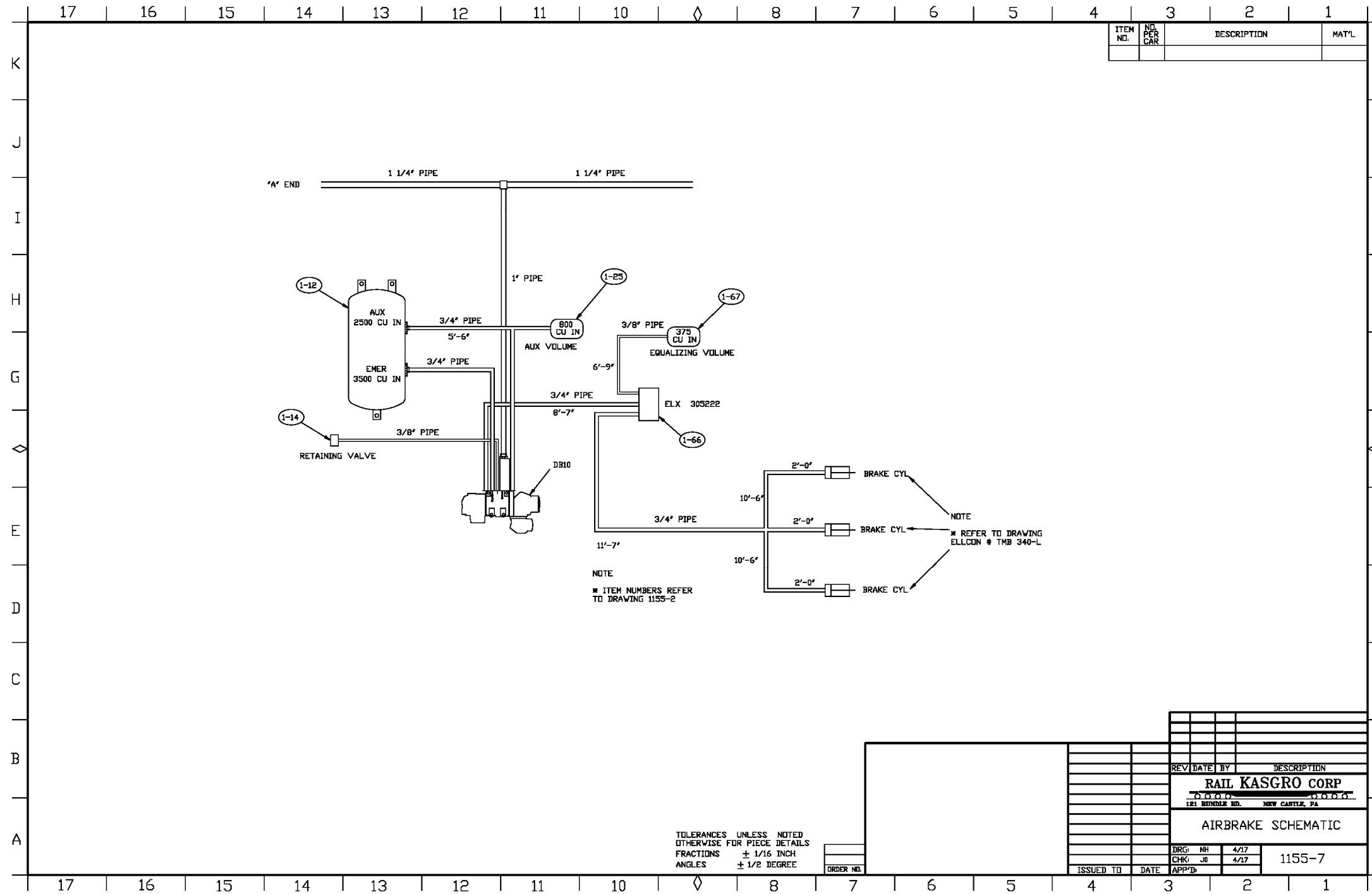




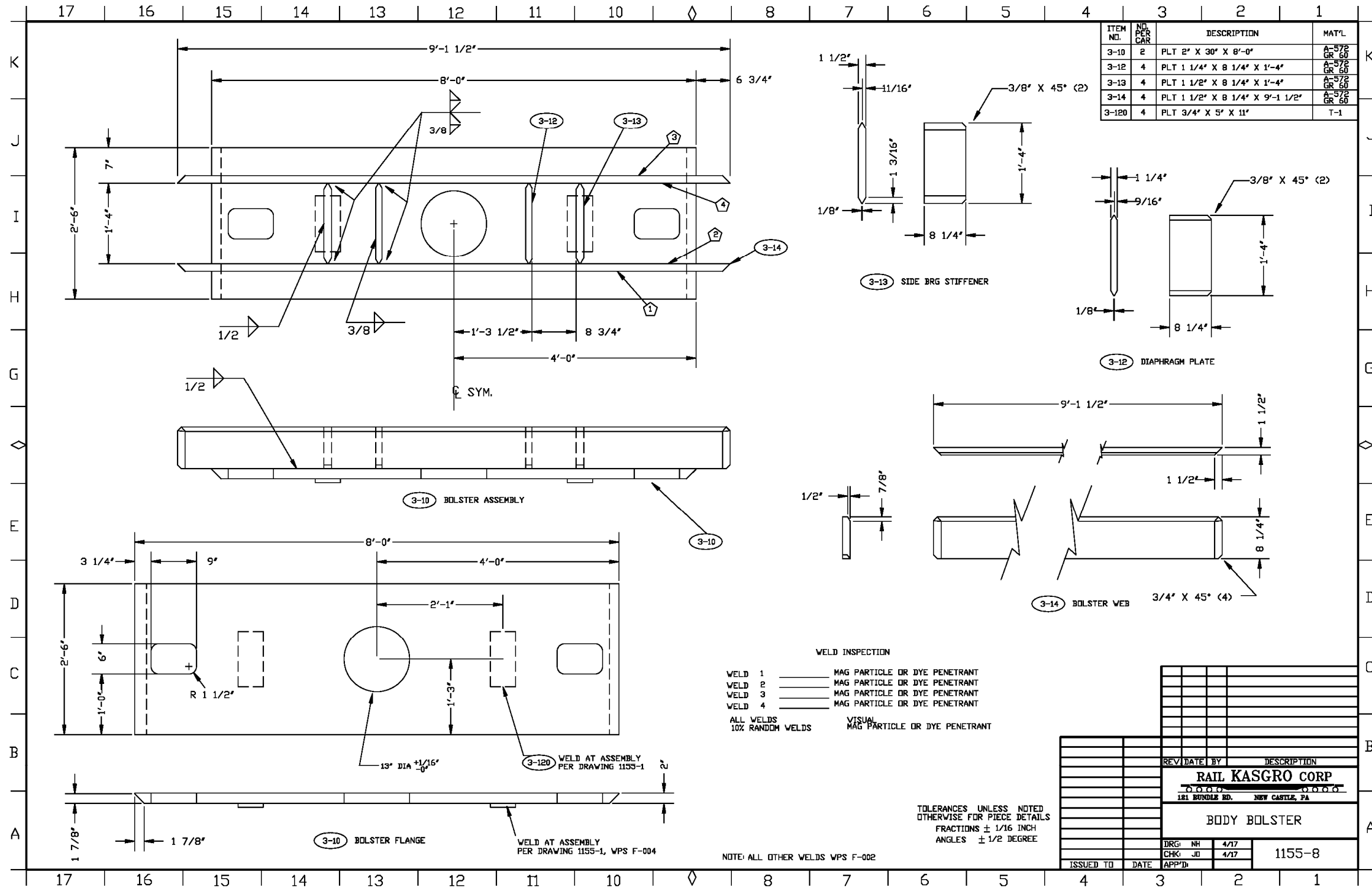
Orano Federal Services
 Title: Design and Prototype Fabrication of Railcars for Transport of
 High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
 Appendix A

Doc./Rev.: EIR-3021970-000
 Project: 00225.03.0050 DOE Atlas Project

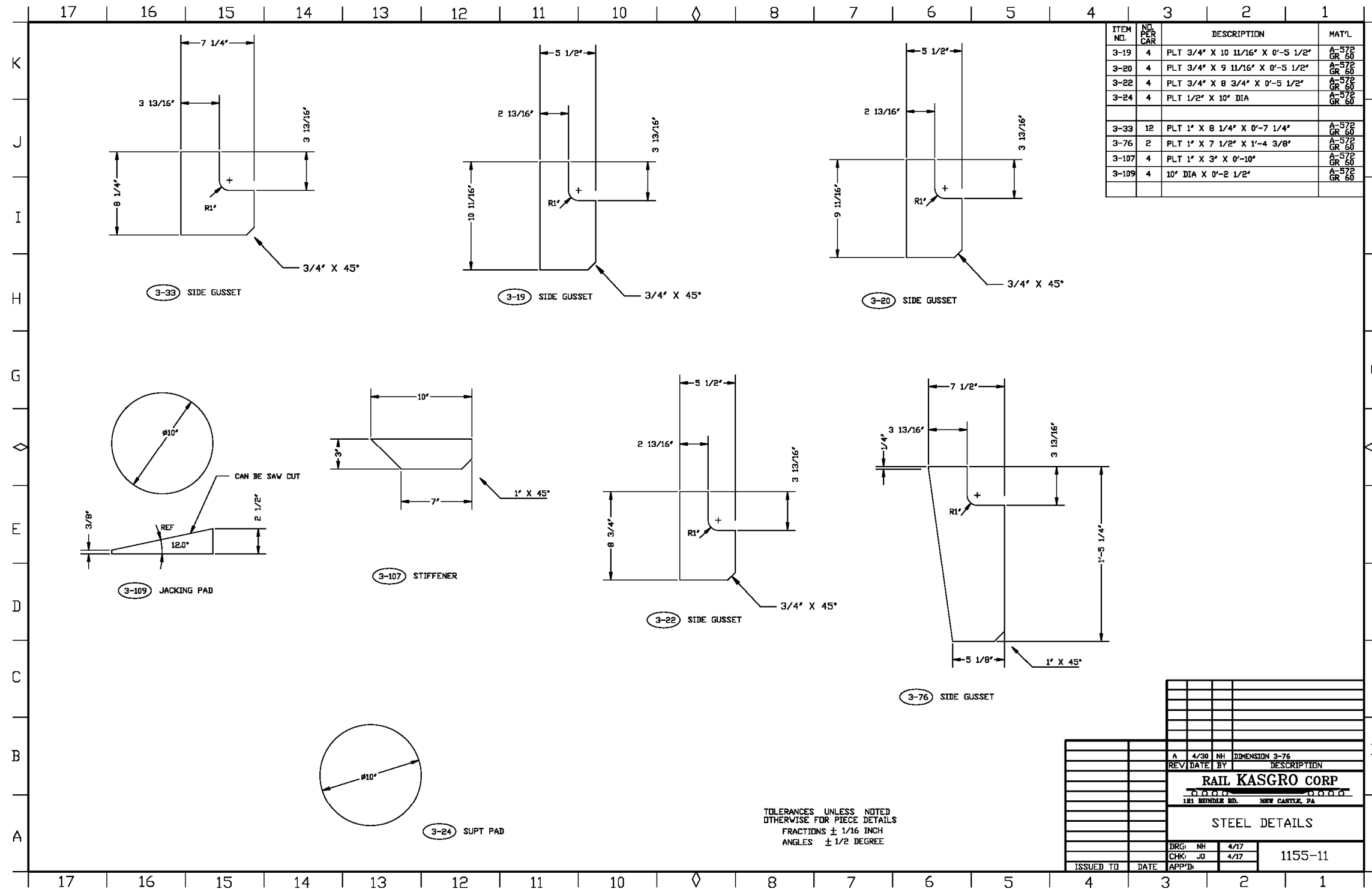
APPENDIX A.7 AIR BRAKE SCHEMATIC



APPENDIX A.8 BODY BOLSTER



APPENDIX A.11 STEEL DETAILS



ITEM NO.	NO. PER CAR	DESCRIPTION	MAT'L
3-19	4	PLT 3/4" X 10 11/16" X 0'-5 1/2"	A-572 GR 60
3-20	4	PLT 3/4" X 9 11/16" X 0'-5 1/2"	A-572 GR 60
3-22	4	PLT 3/4" X 8 3/4" X 0'-5 1/2"	A-572 GR 60
3-24	4	PLT 1/2" X 10" DIA	A-572 GR 60
3-33	12	PLT 1" X 8 1/4" X 0'-7 1/4"	A-572 GR 60
3-76	2	PLT 1" X 7 1/2" X 1'-4 3/8"	A-572 GR 60
3-107	4	PLT 1" X 3" X 0'-10"	A-572 GR 60
3-109	4	10" DIA X 0'-2 1/2"	A-572 GR 60

REV	DATE	BY	DESCRIPTION
A	4/30	NH	DIMENSION 3-76

RAIL KASGRO CORP
 181 BUNDLER RD., NEW CASTLE, PA

STEEL DETAILS

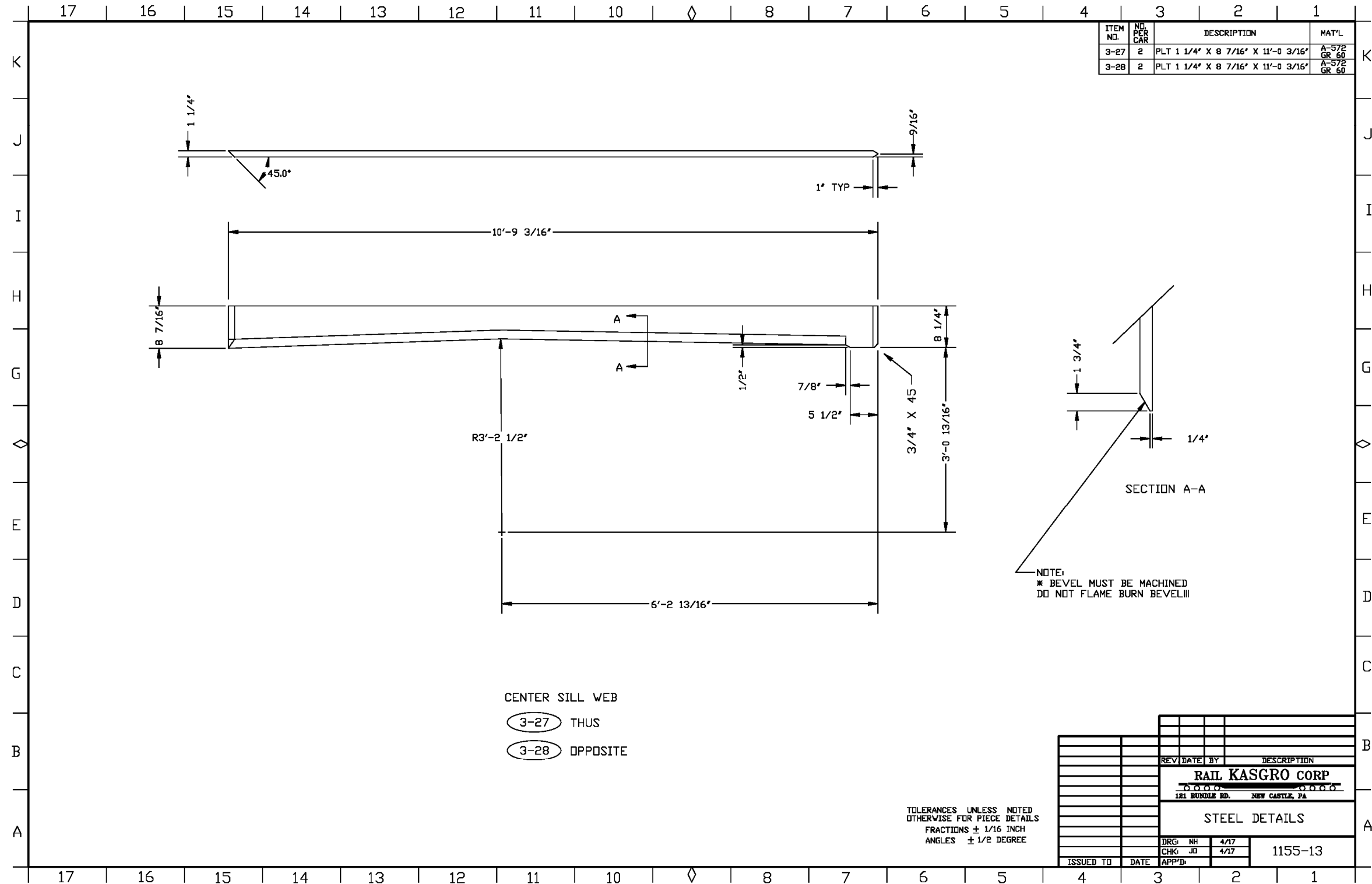
DRG:	NH	4/17	1155-11
CHK:	JJ	4/17	
ISSUED TO:	DATE:	APP'D:	



Orano Federal Services
Title: Design and Prototype Fabrication of Railcars for Transport of
High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
Appendix A

Doc./Rev.: EIR-3021970-000
 Project: 00225.03.0050 DOE Atlas Project

APPENDIX A.13 STEEL DETAILS

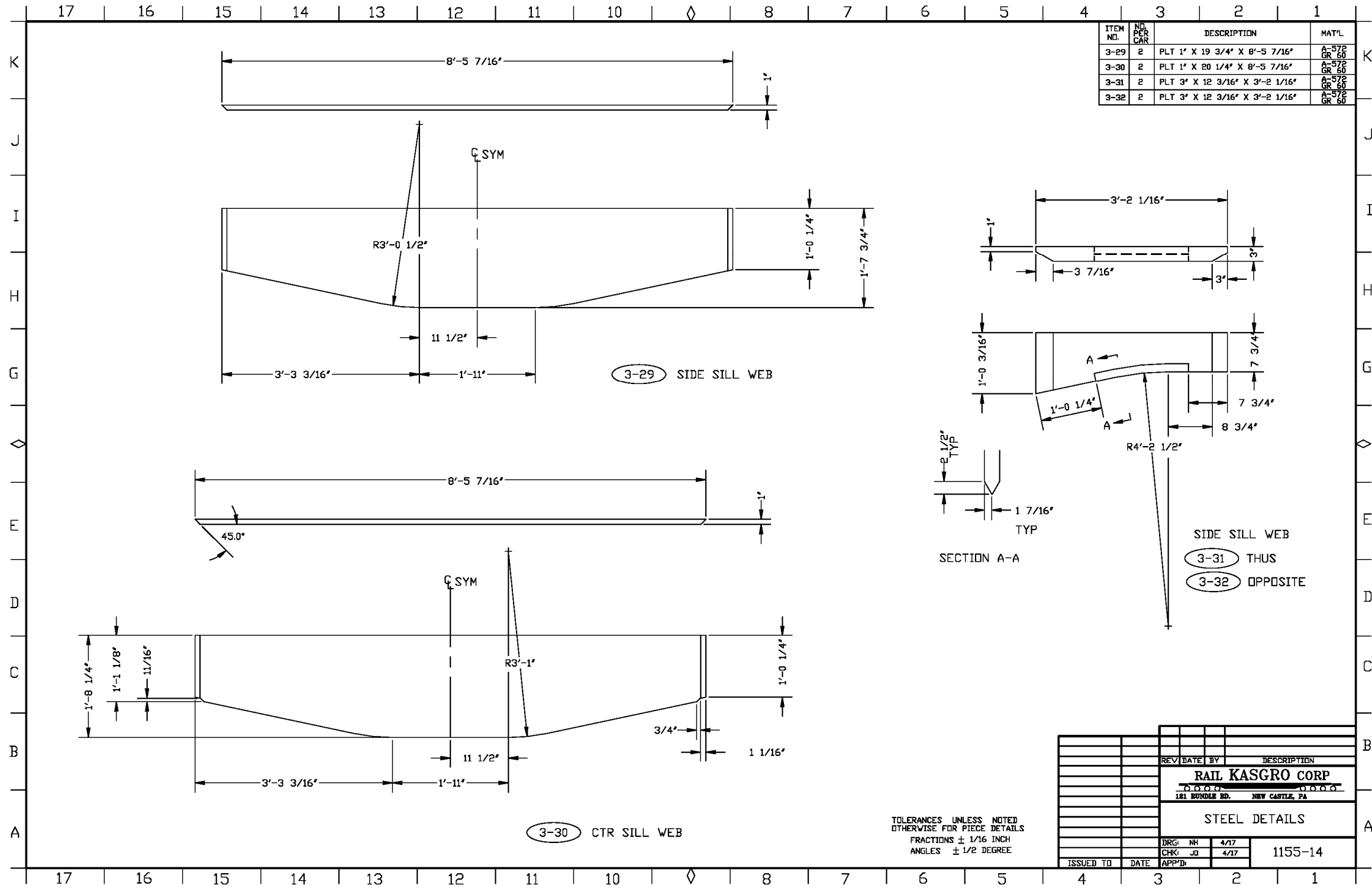




Orano Federal Services
Title: Design and Prototype Fabrication of Railcars for Transport of
High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
Appendix A

Doc./Rev.: EIR-3021970-000
 Project: 00225.03.0050 DOE Atlas Project

APPENDIX A.14 STEEL DETAILS

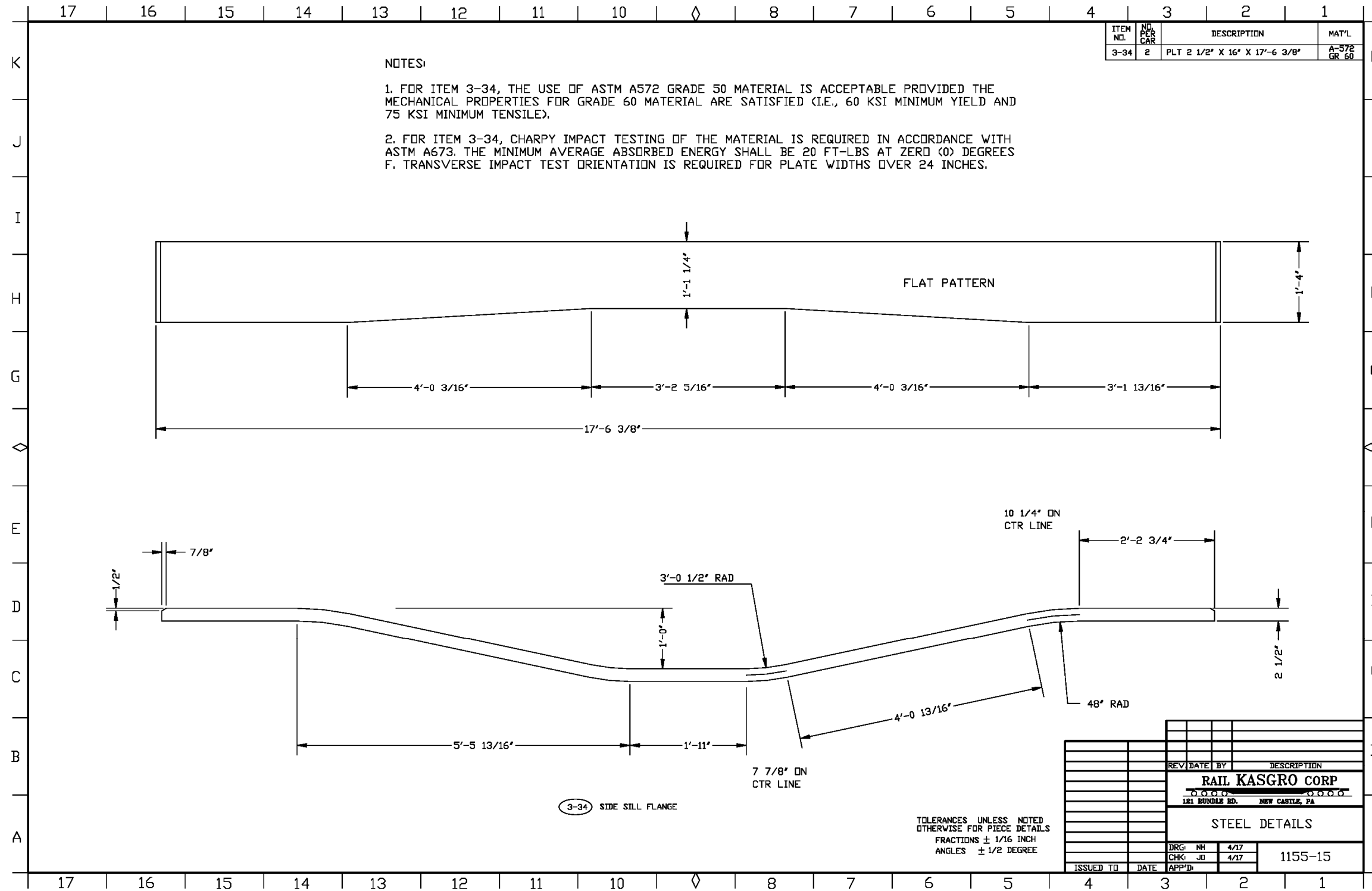




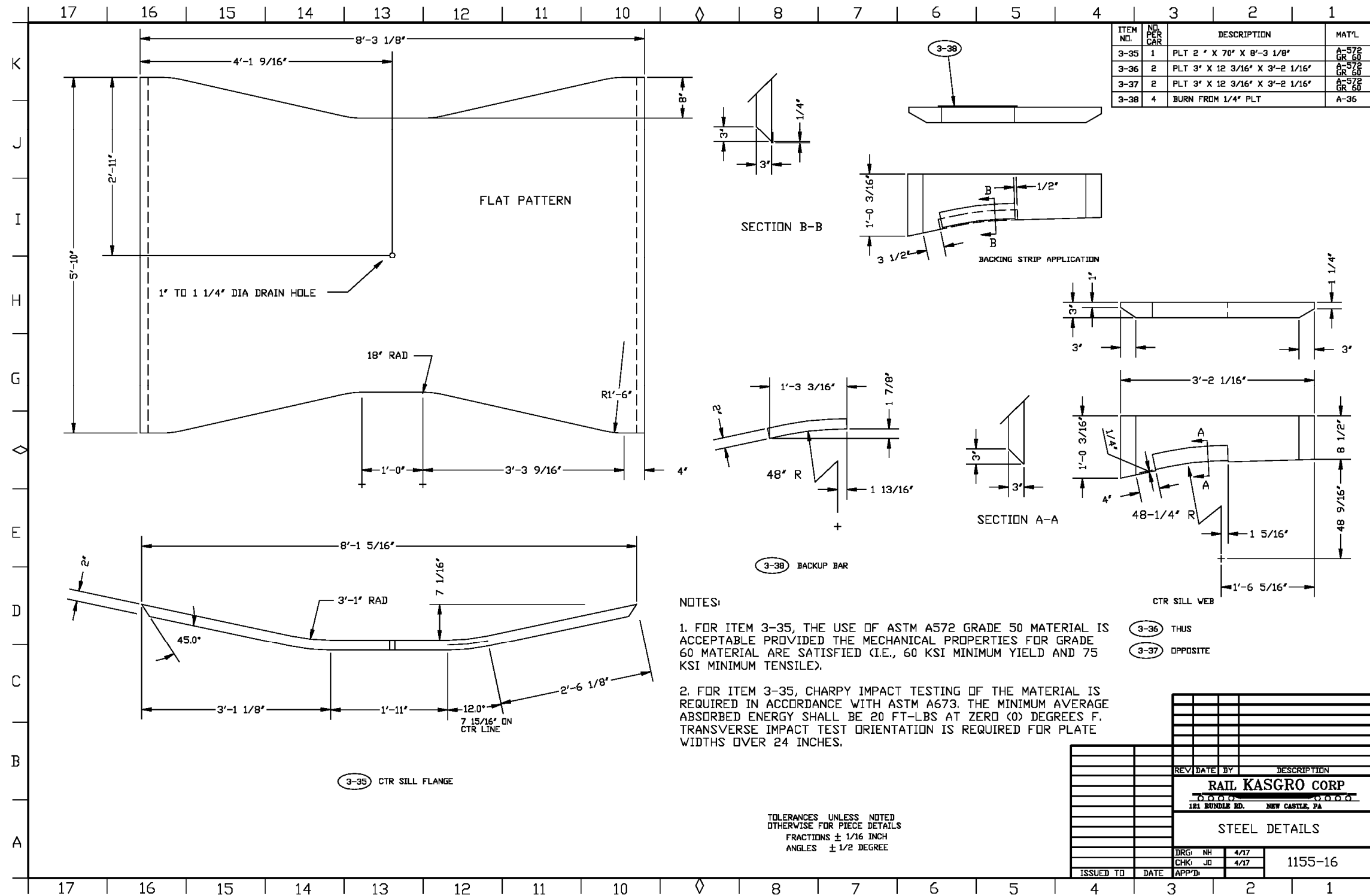
Orano Federal Services
Title: Design and Prototype Fabrication of Railcars for Transport of
High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
Appendix A

Doc./Rev.: EIR-3021970-000
 Project: 00225.03.0050 DOE Atlas Project

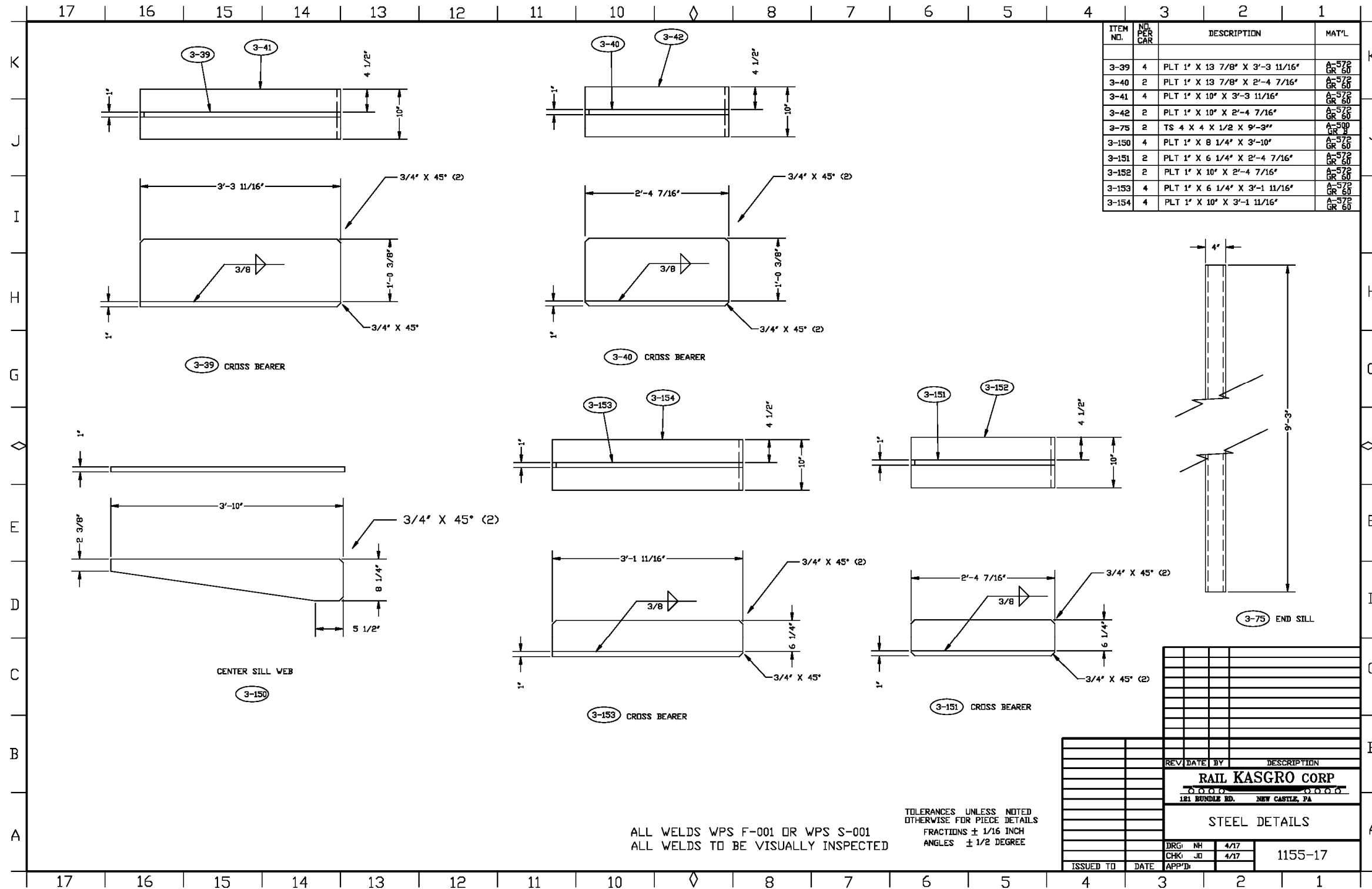
APPENDIX A.15 STEEL DETAILS



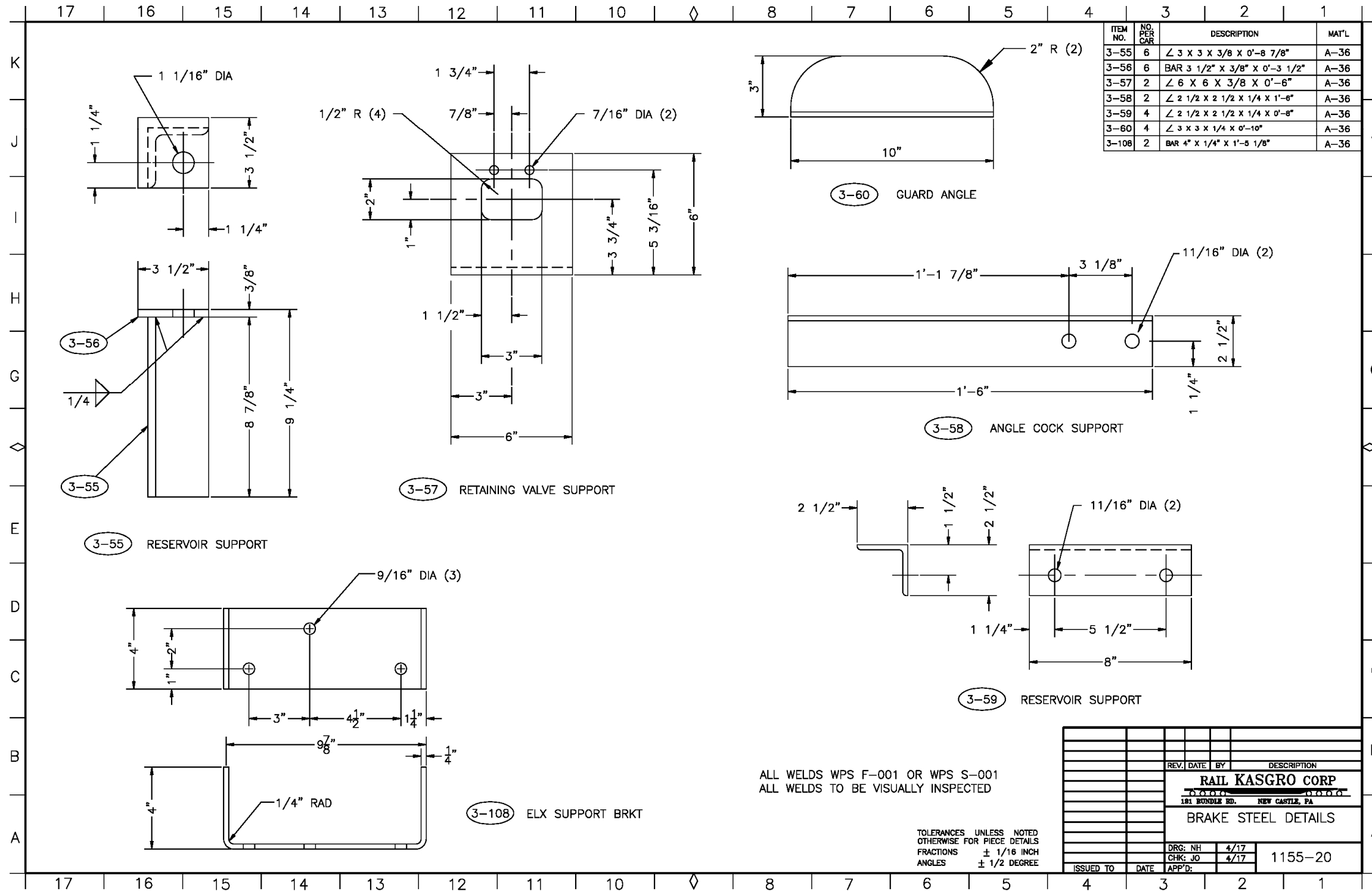
APPENDIX A.16 STEEL DETAILS



APPENDIX A.17 STEEL DETAILS



APPENDIX A.20 BRAKE STEEL DETAILS

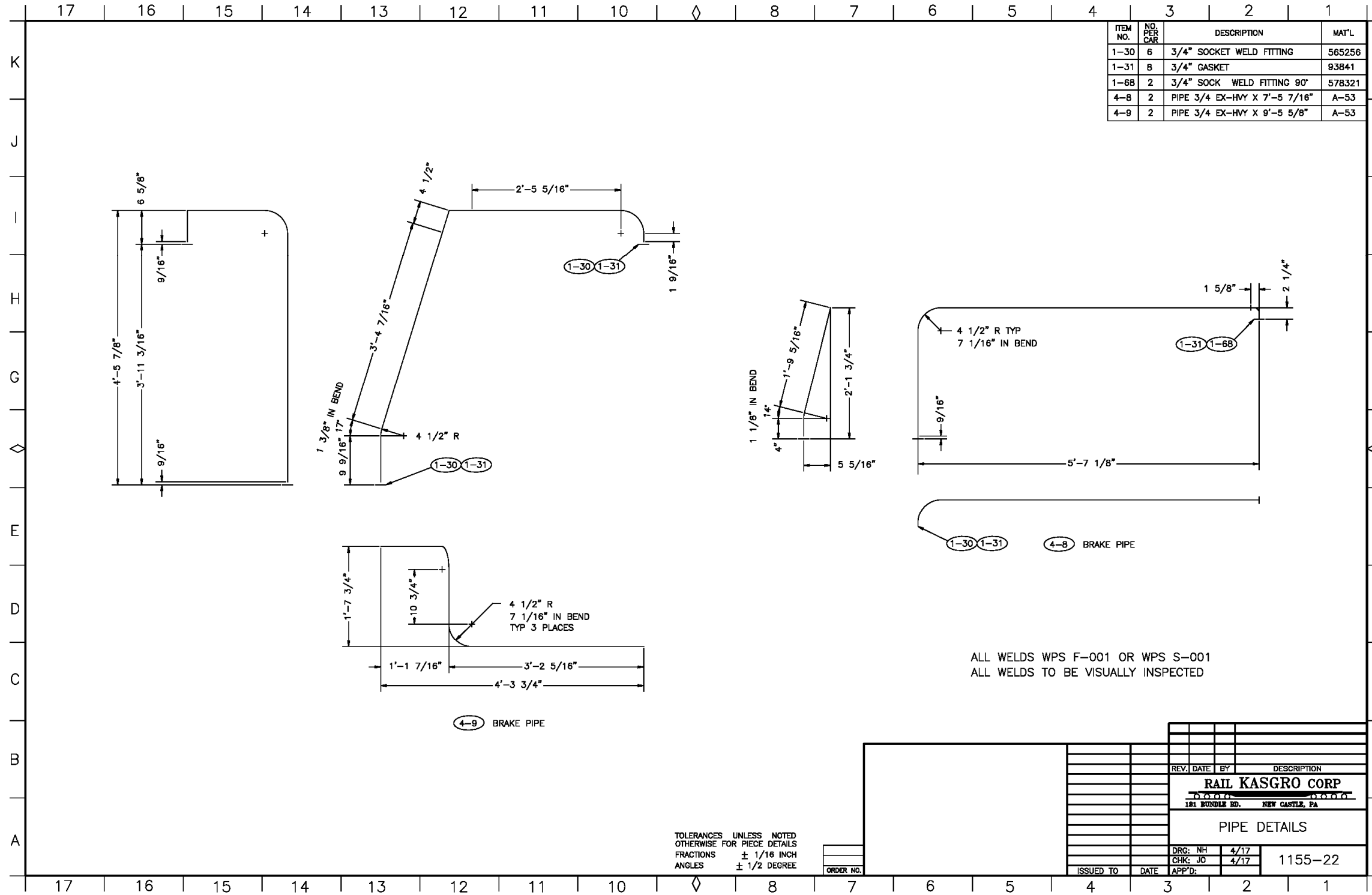




Orano Federal Services
Title: Design and Prototype Fabrication of Railcars for Transport of
High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
Appendix A

Doc./Rev.: EIR-3021970-000
 Project: 00225.03.0050 DOE Atlas Project

APPENDIX A.22 PIPE DETAILS

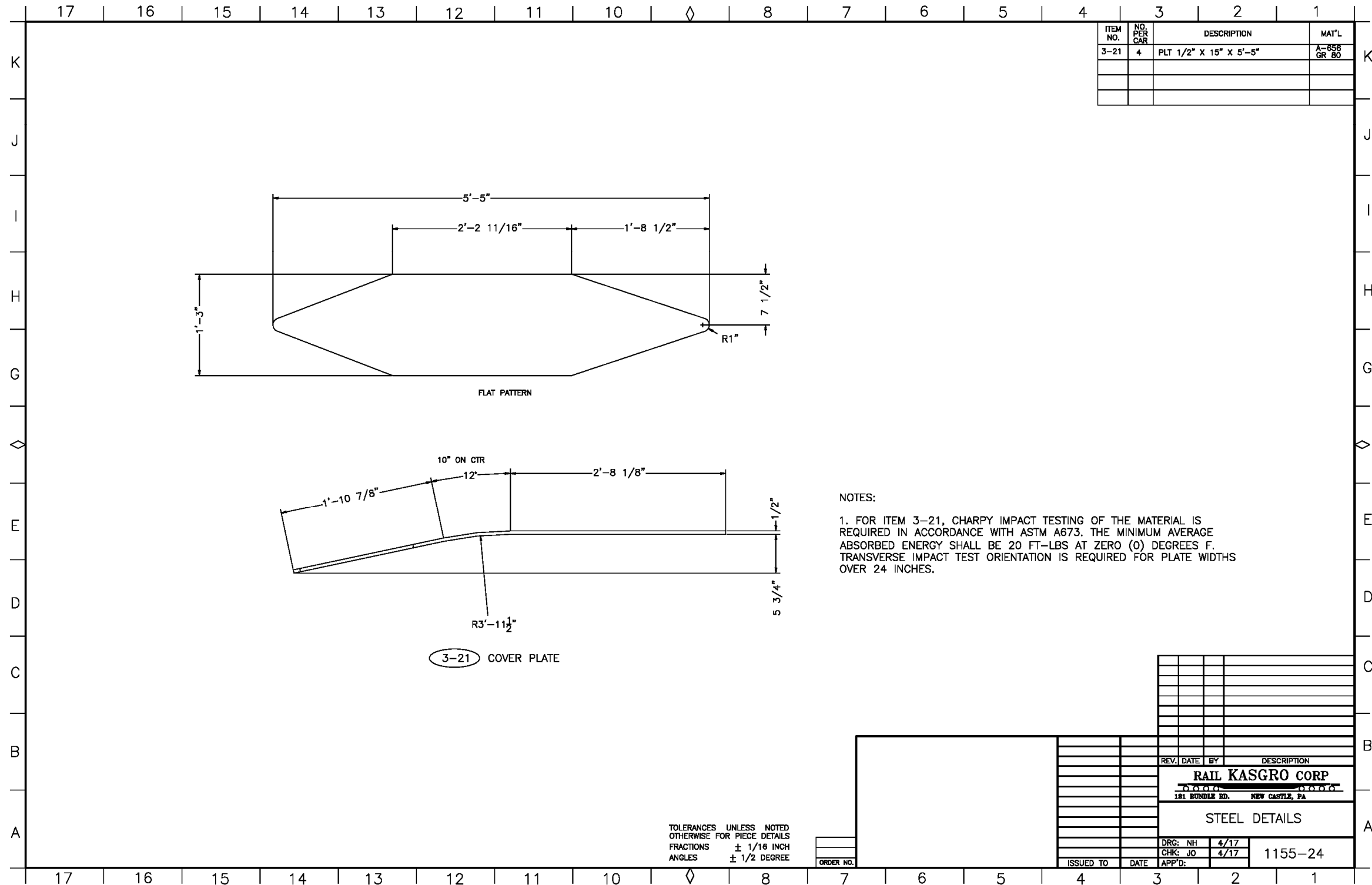




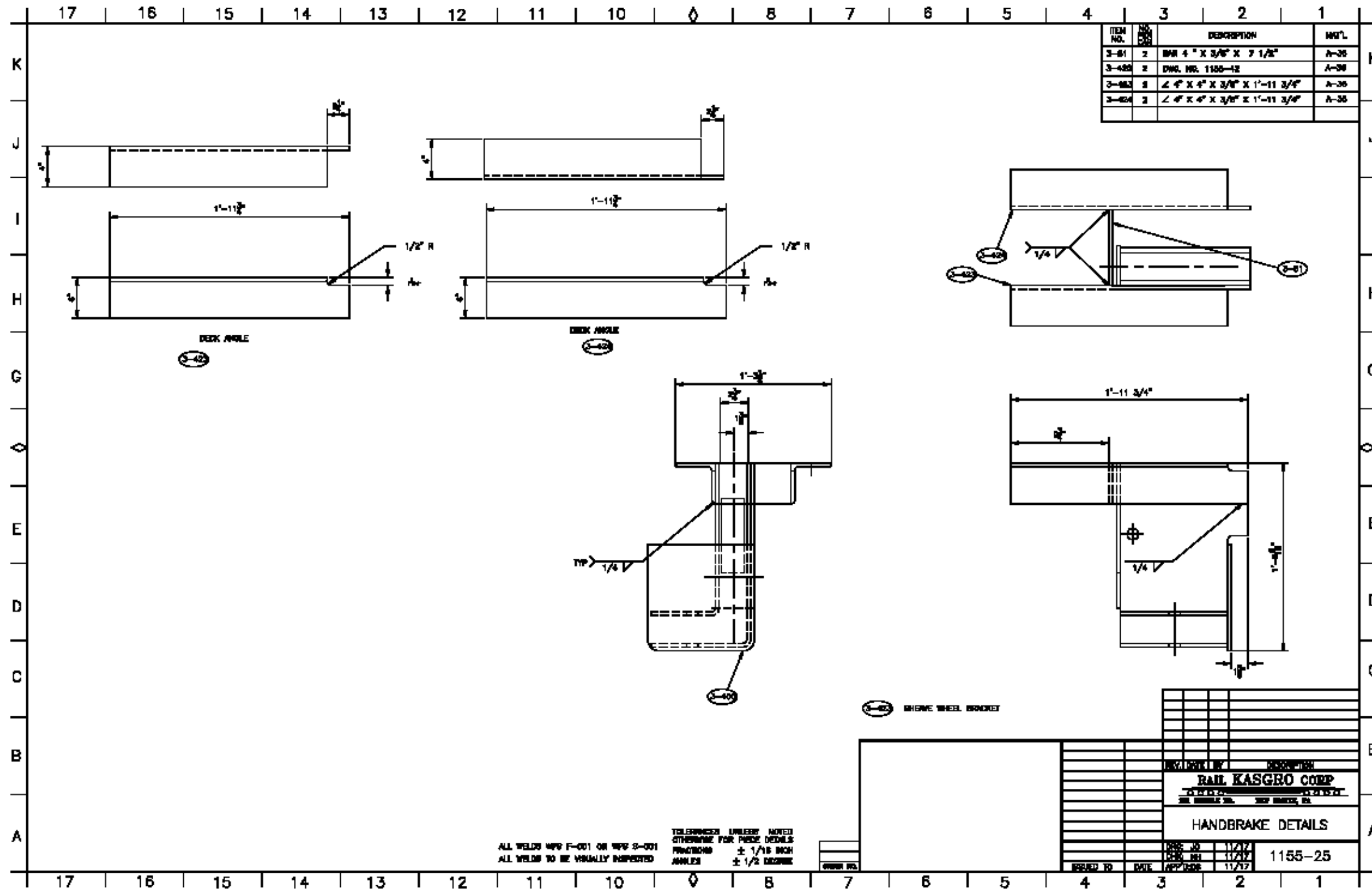
Orano Federal Services
Title: Design and Prototype Fabrication of Railcars for Transport of
High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
Appendix A

Doc./Rev.: EIR-3021970-000
 Project: 00225.03.0050 DOE Atlas Project

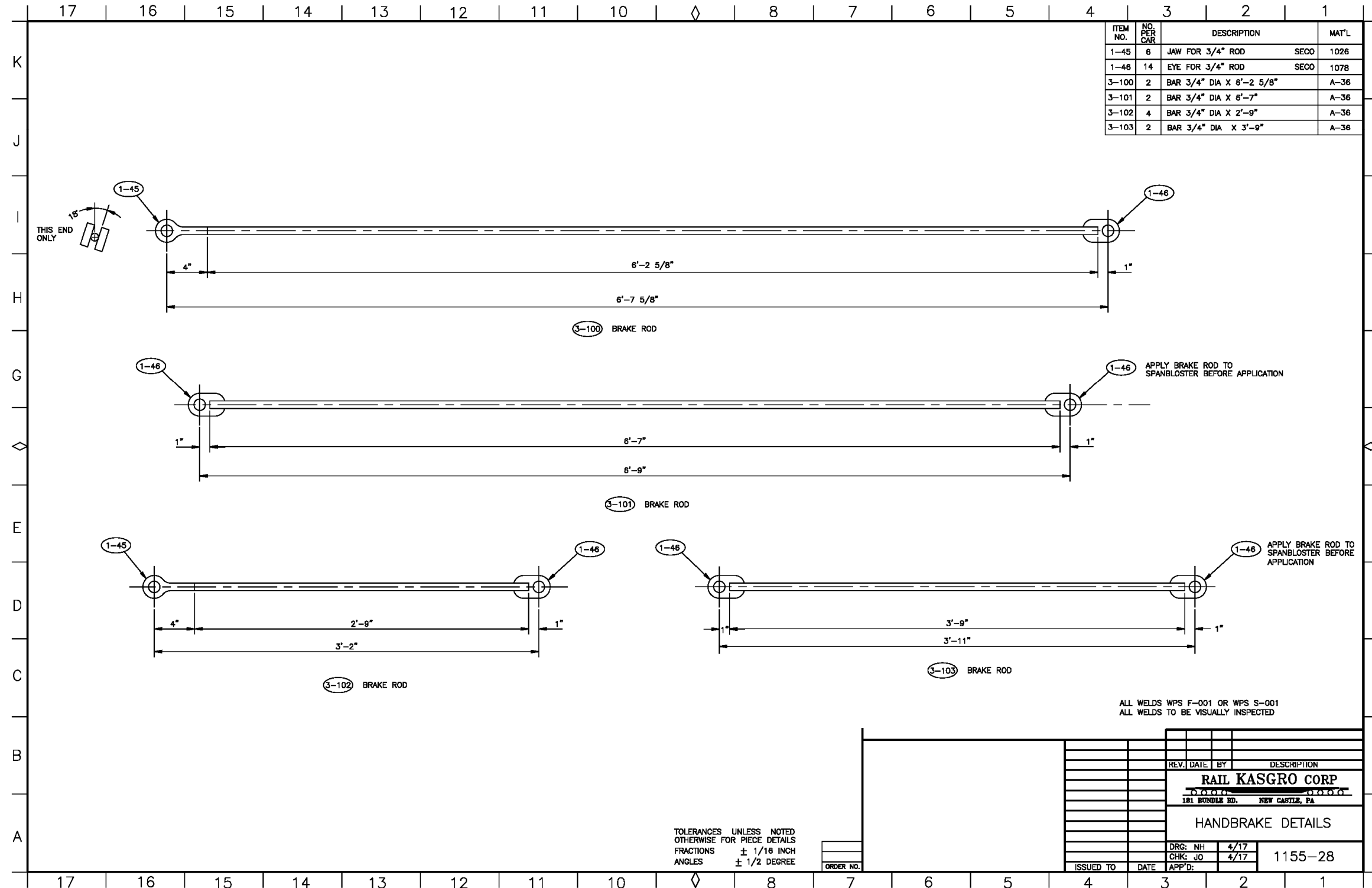
APPENDIX A.24 STEEL DETAILS



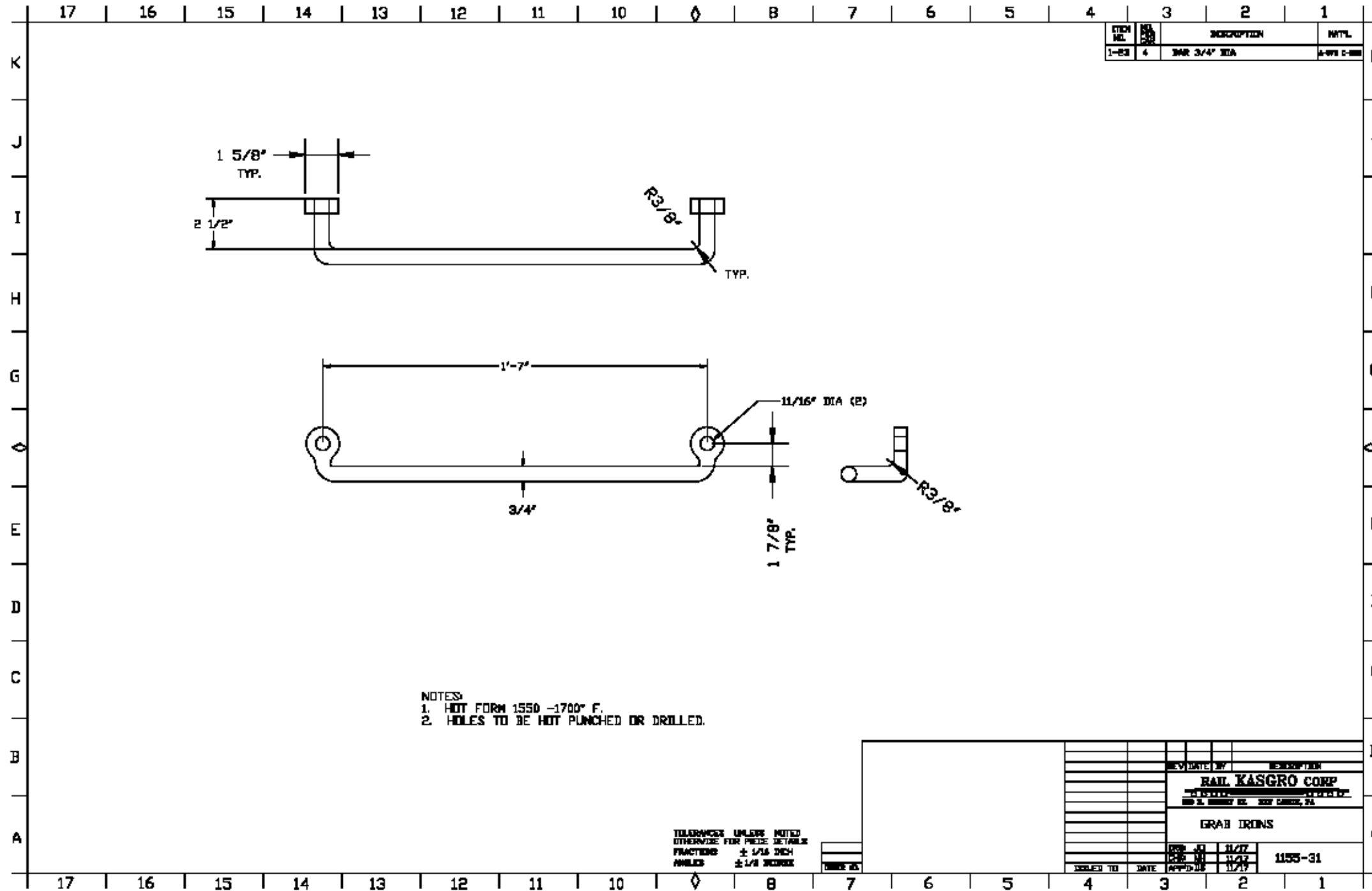
APPENDIX A.25 HAND BRAKE DETAILS



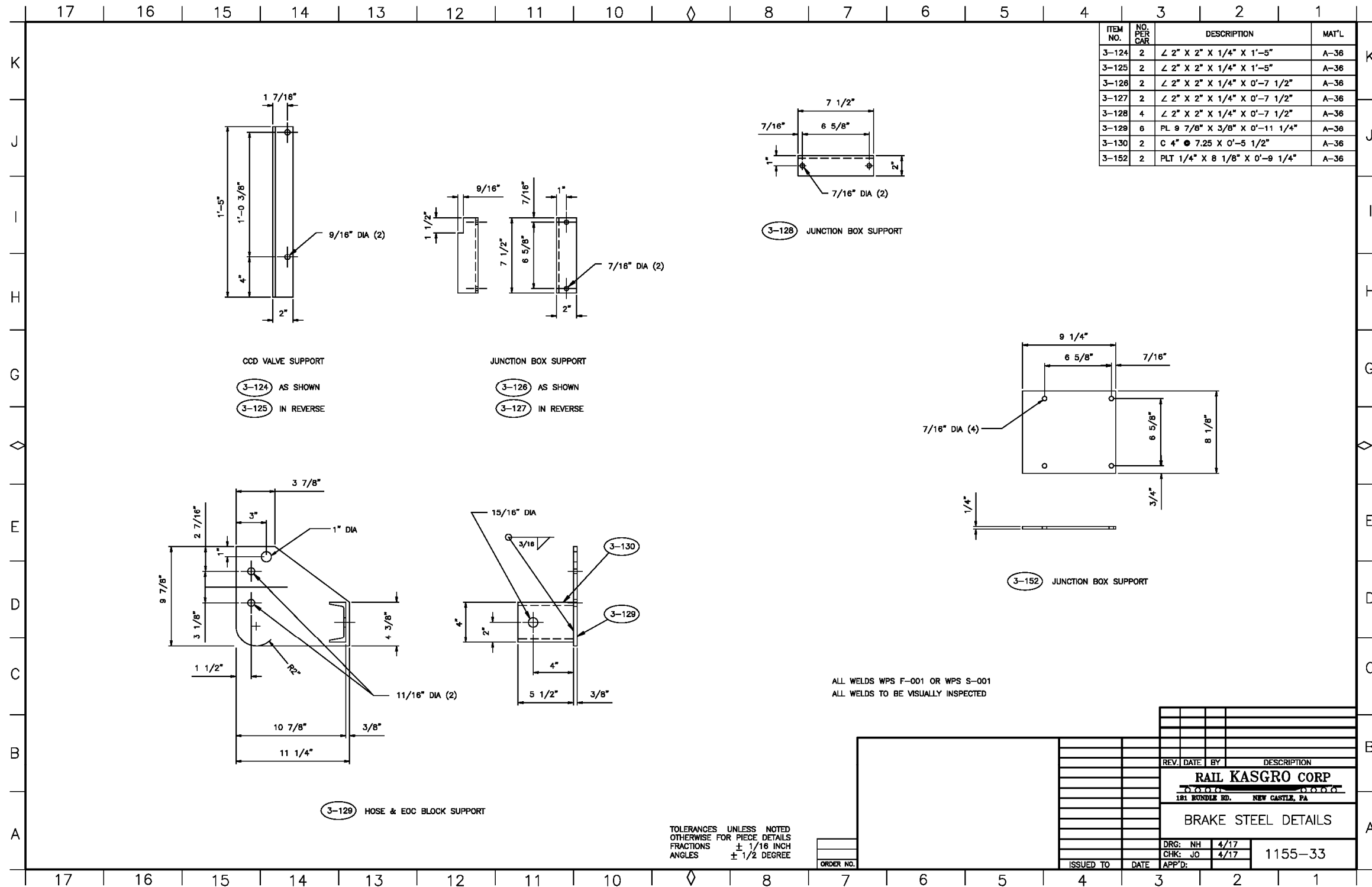
APPENDIX A.28 HAND BRAKE DETAILS



APPENDIX A.31 GRAB IRONS



APPENDIX A.33 BRAKE STEEL DETAILS

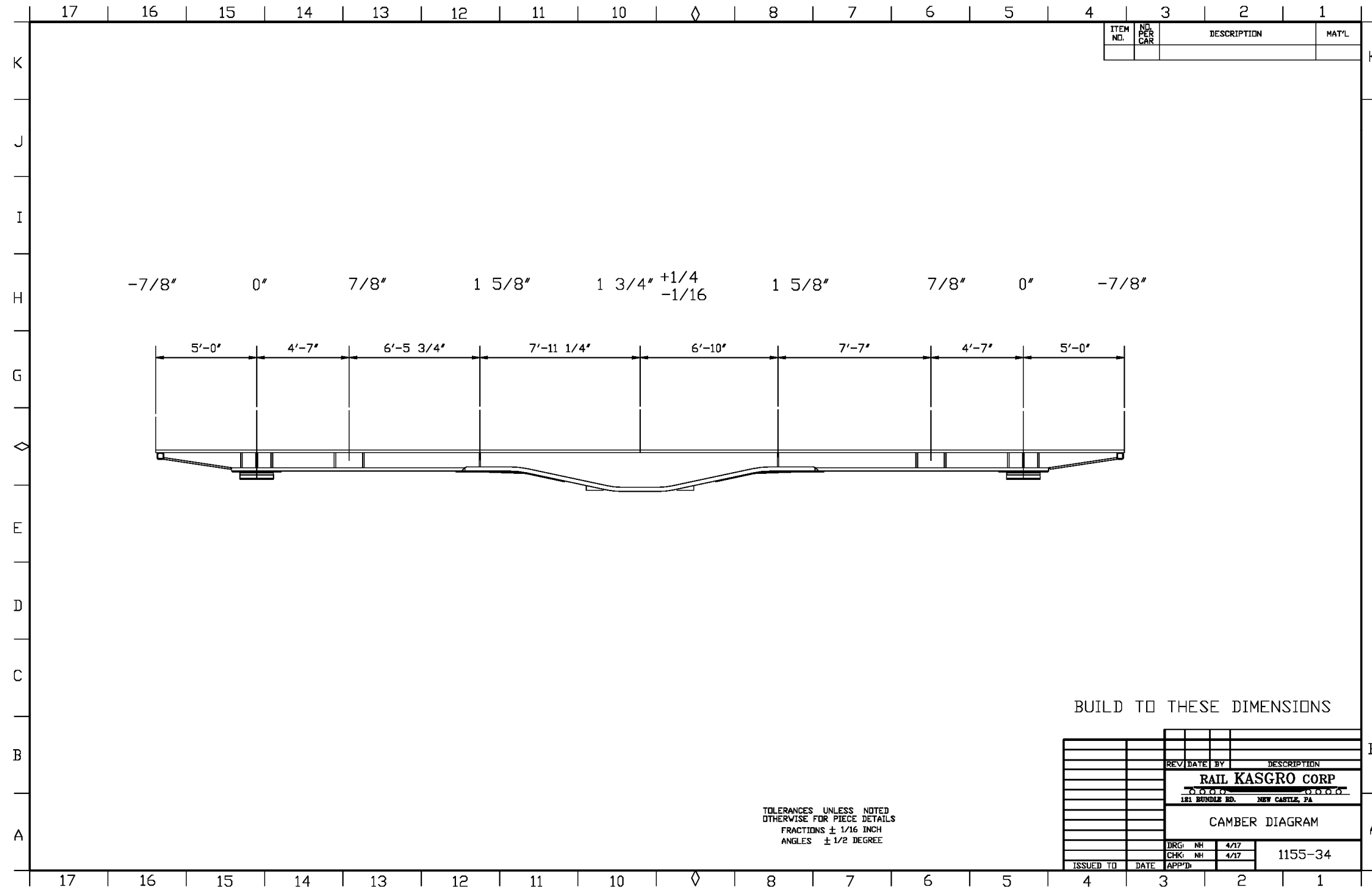




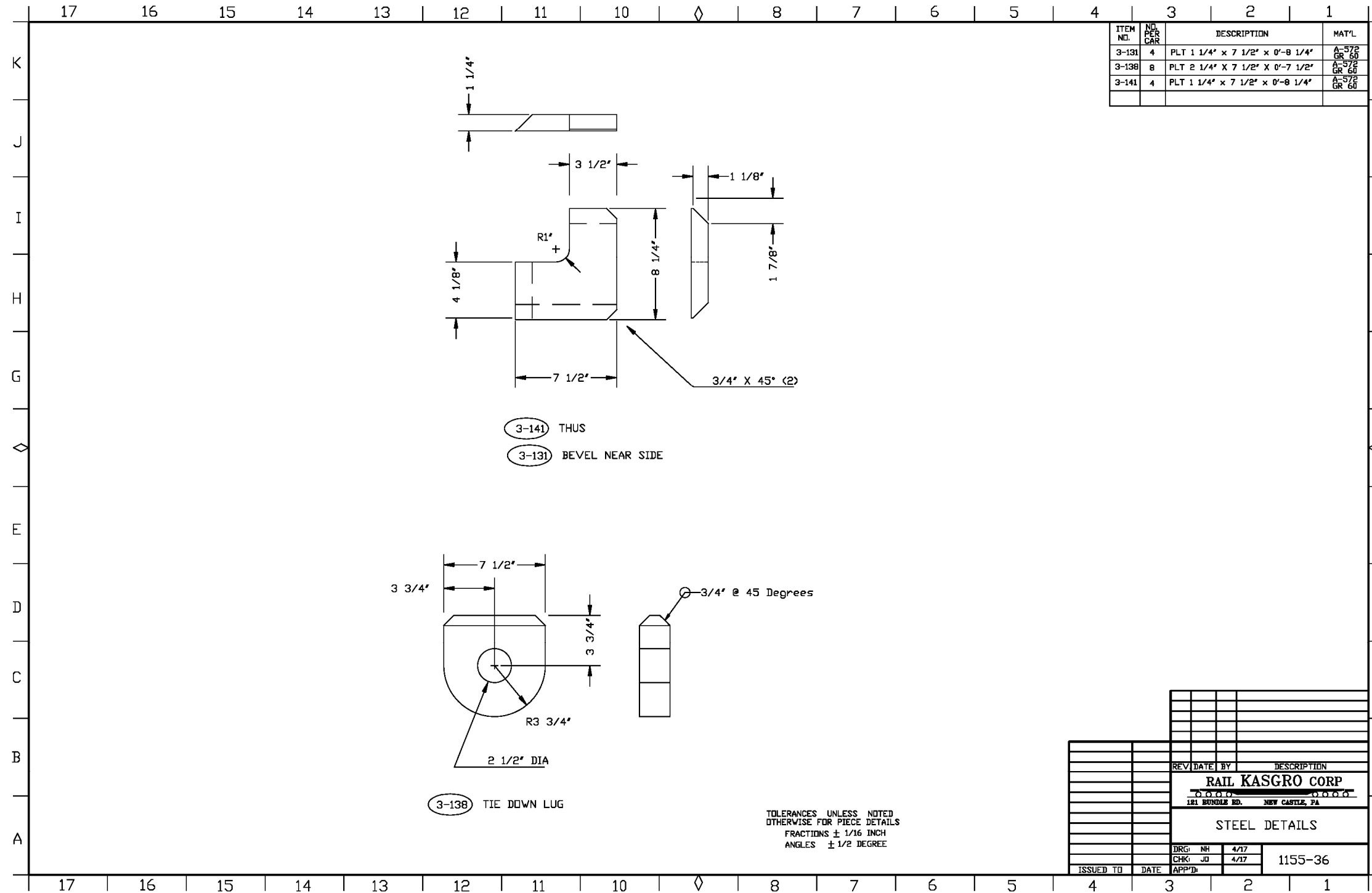
Orano Federal Services
Title: Design and Prototype Fabrication of Railcars for Transport of
High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
Appendix A

Doc./Rev.: EIR-3021970-000
 Project: 00225.03.0050 DOE Atlas Project

APPENDIX A.34 CAMBER DIAGRAM



APPENDIX A.36 STEEL DETAILS

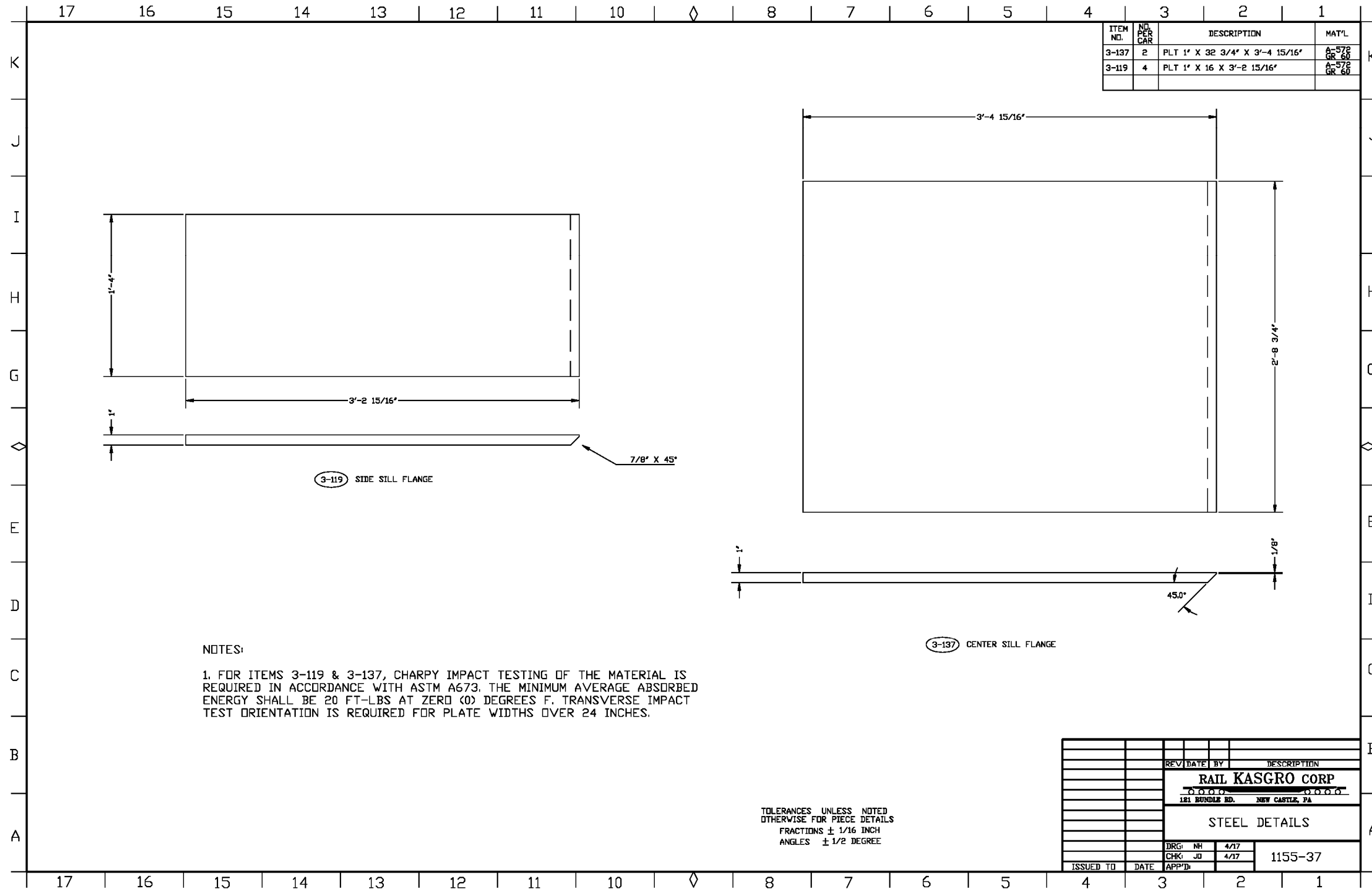




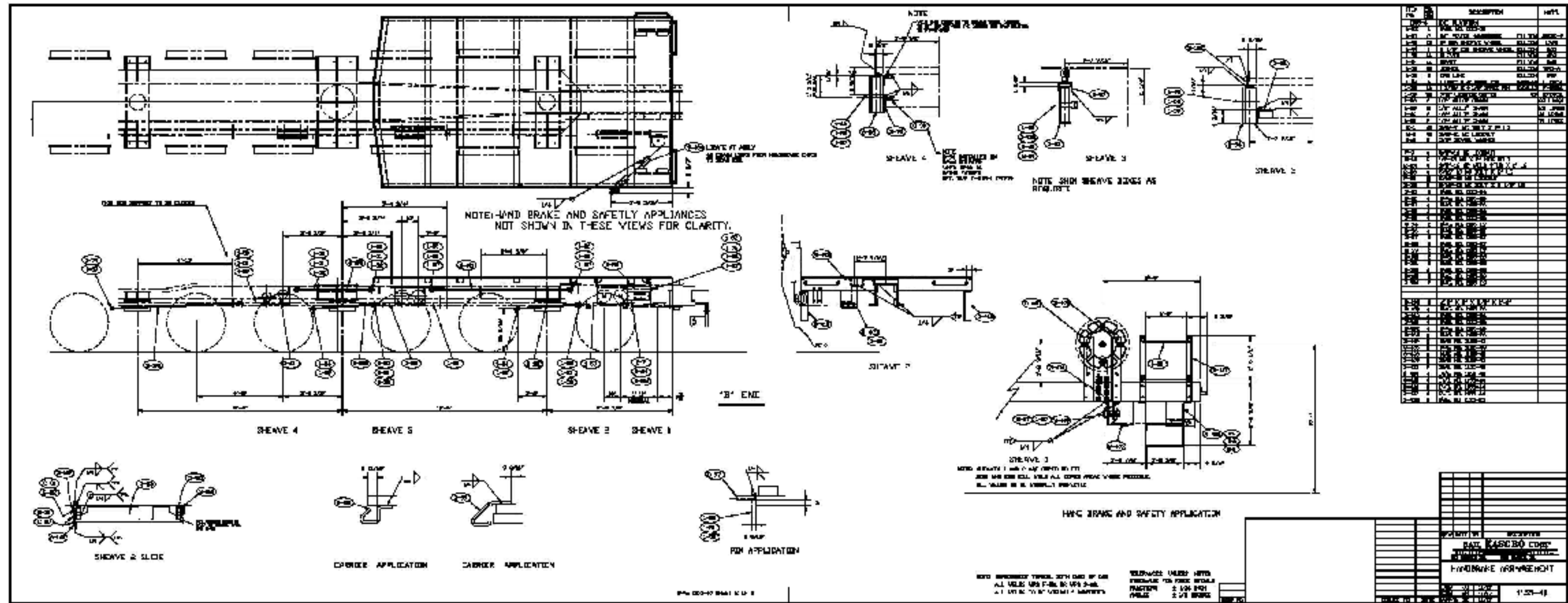
Orano Federal Services
 Title: Design and Prototype Fabrication of Railcars for Transport of
 High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
 Appendix A

Doc./Rev.: EIR-3021970-000
 Project: 00225.03.0050 DOE Atlas Project

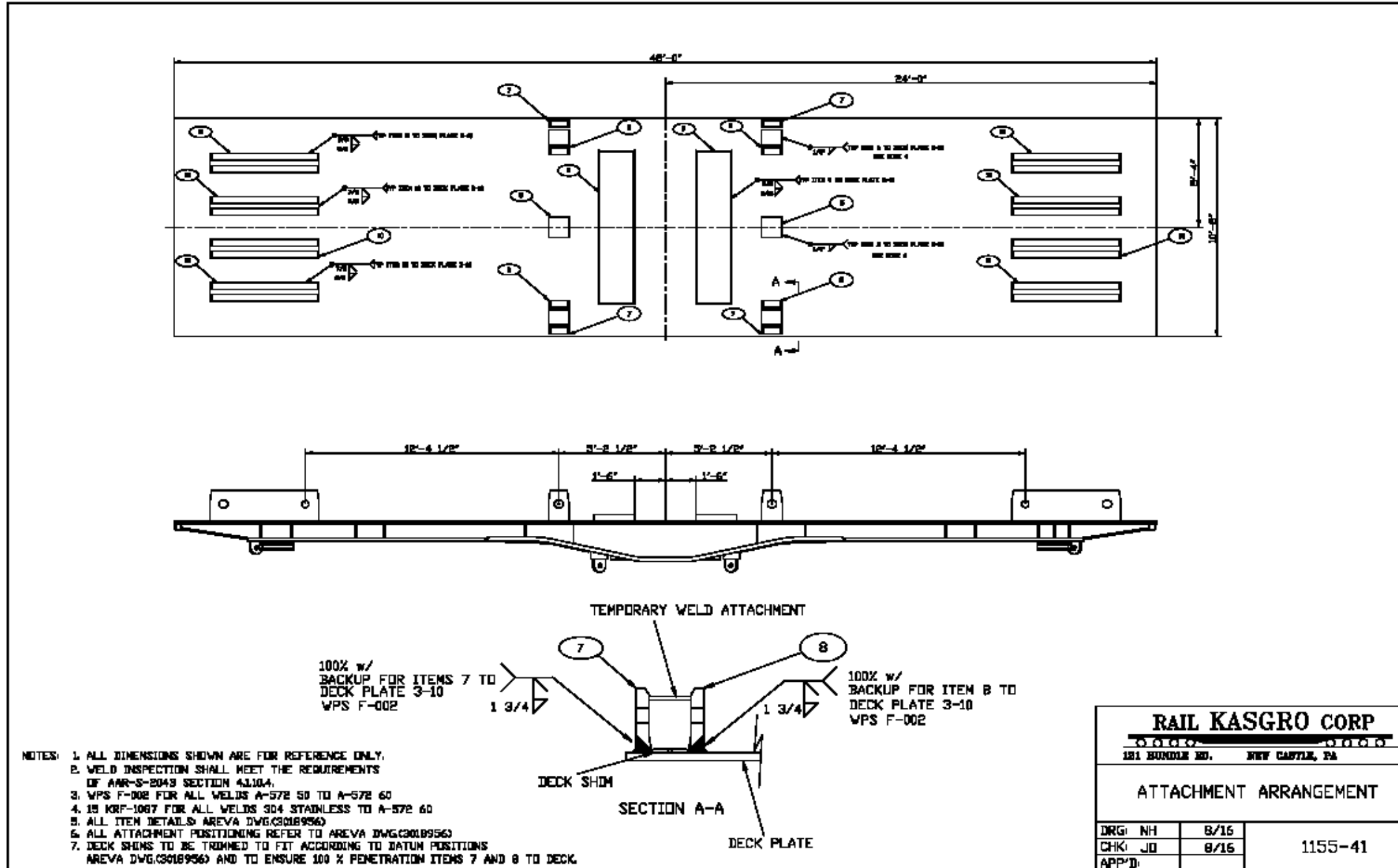
APPENDIX A.37 STEEL DETAILS



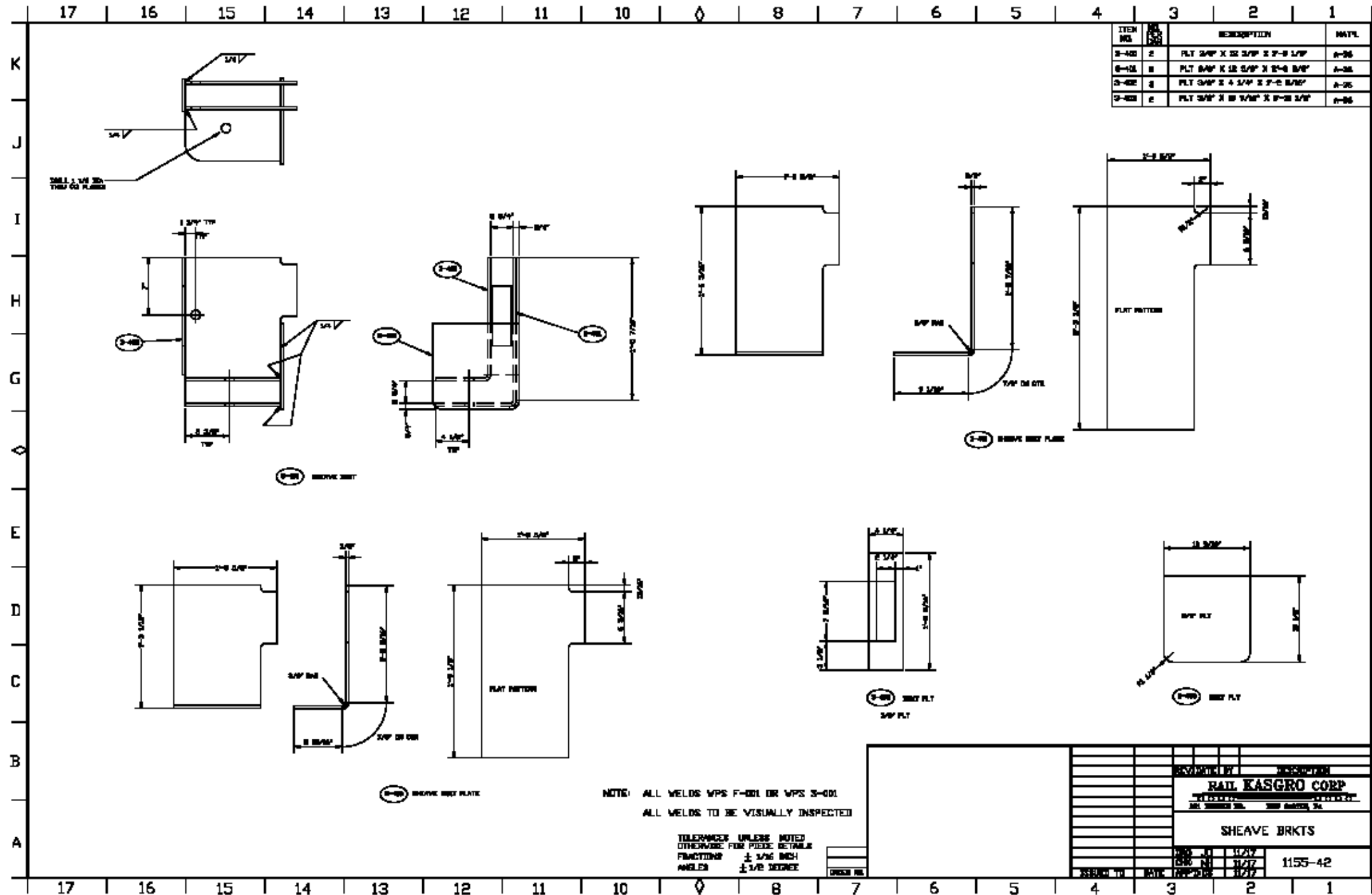
APPENDIX A.40 HANDBRAKE ARRANGEMENT



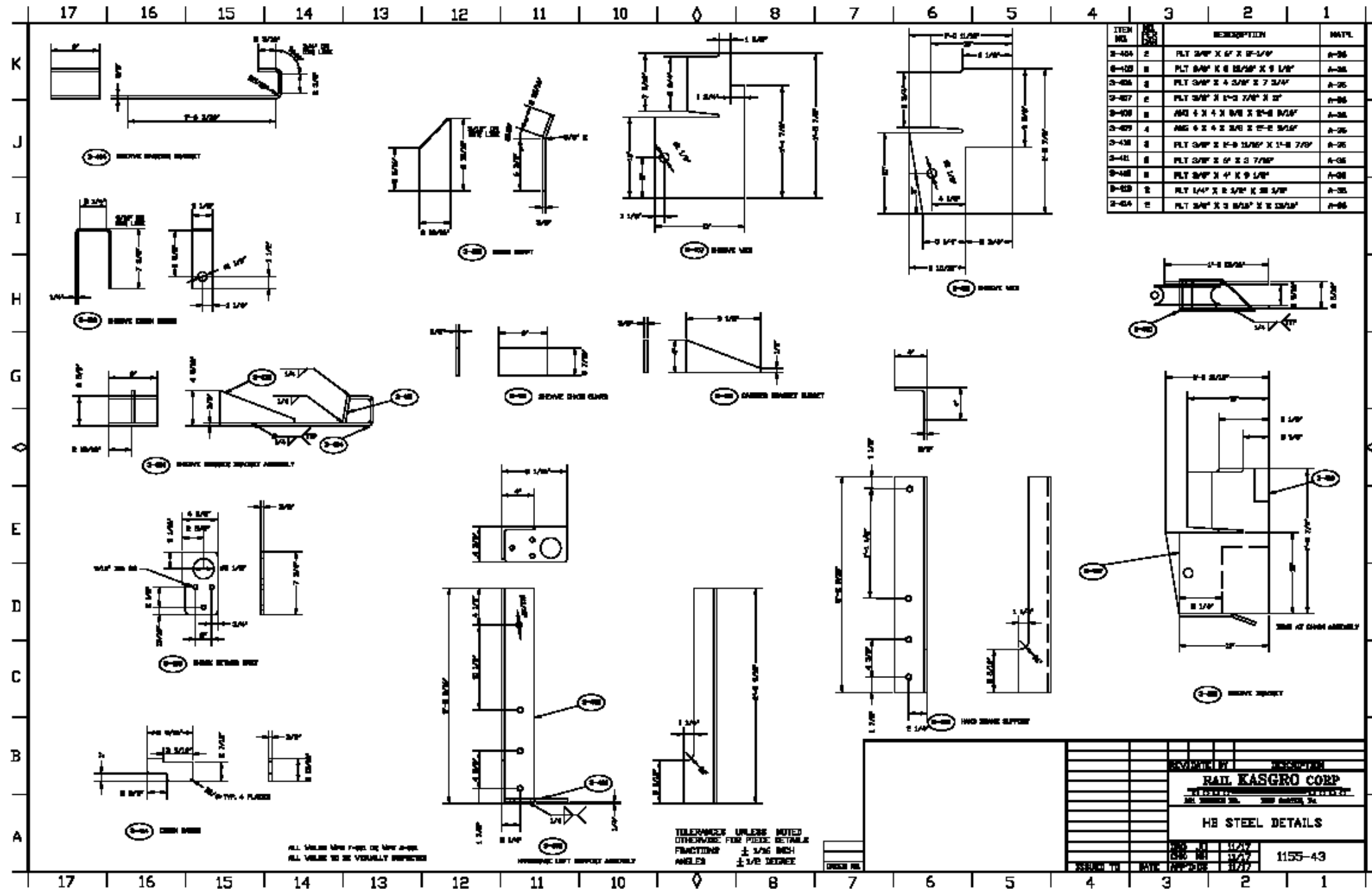
APPENDIX A.41 ATTACHMENT ARRANGEMENT



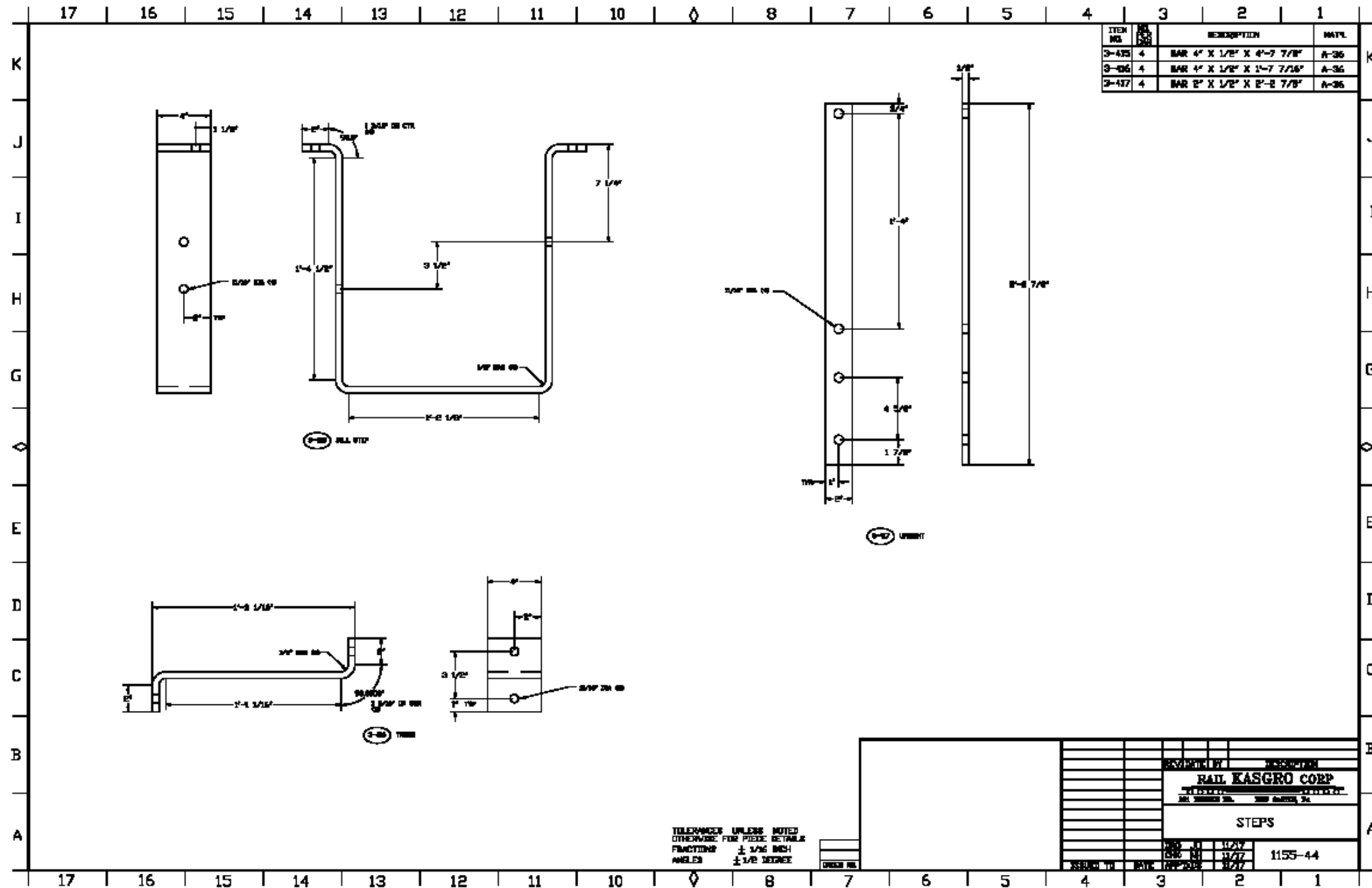
APPENDIX A.42 SHEAVE BRKTS



APPENDIX A.43 HB (HANDBRAKE) STEEL DETAILS



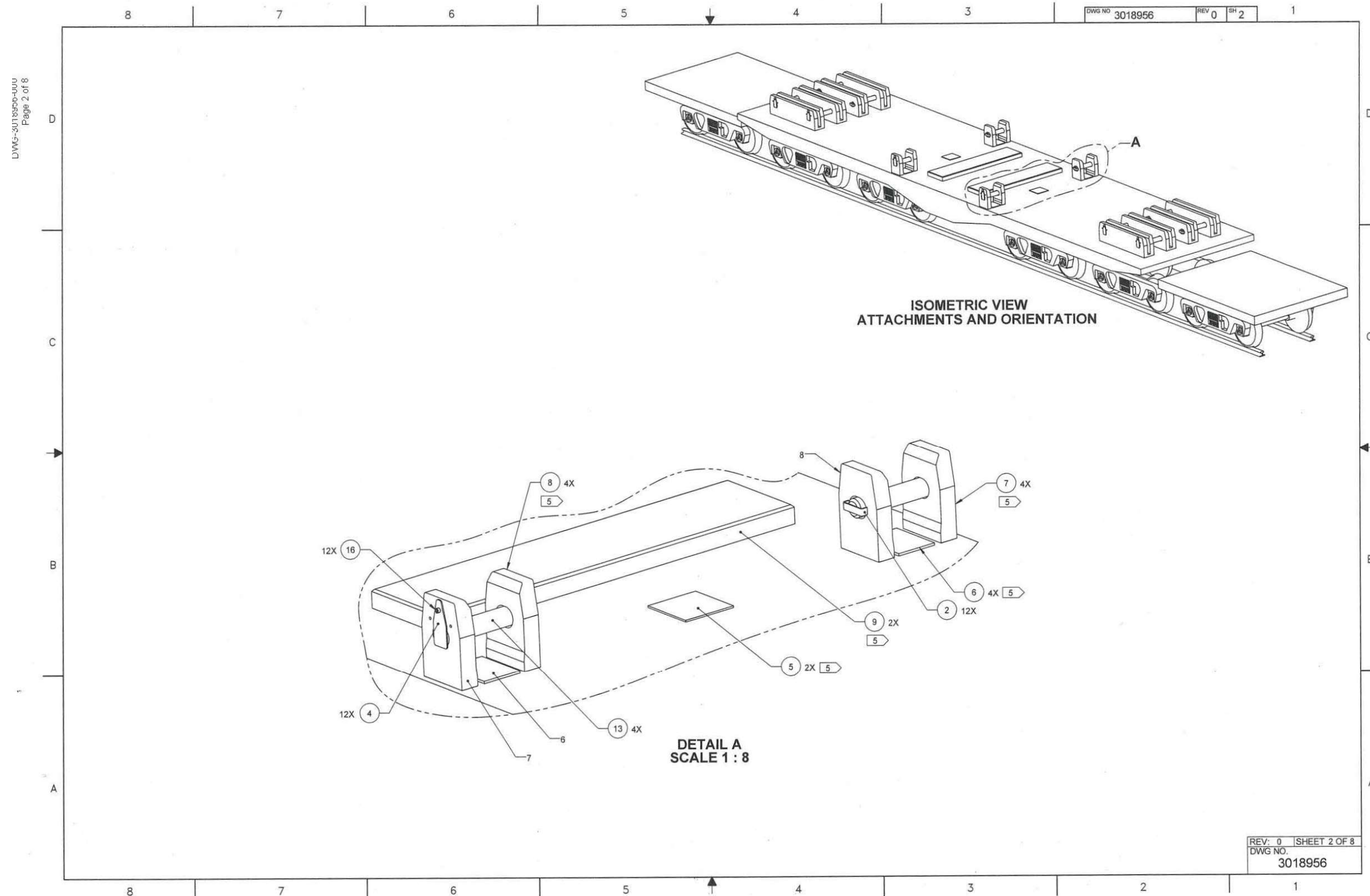
APPENDIX A.44 STEPS

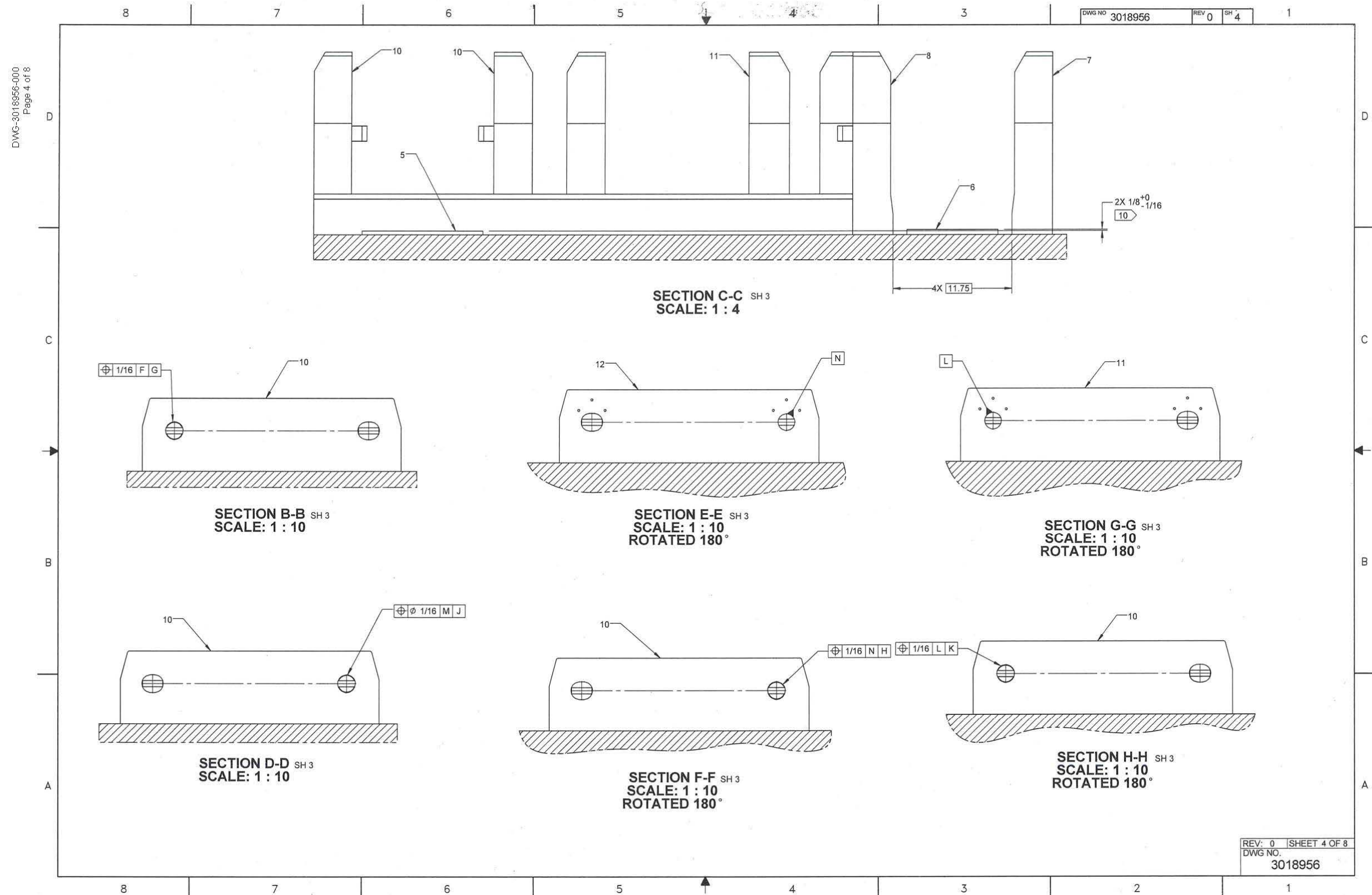


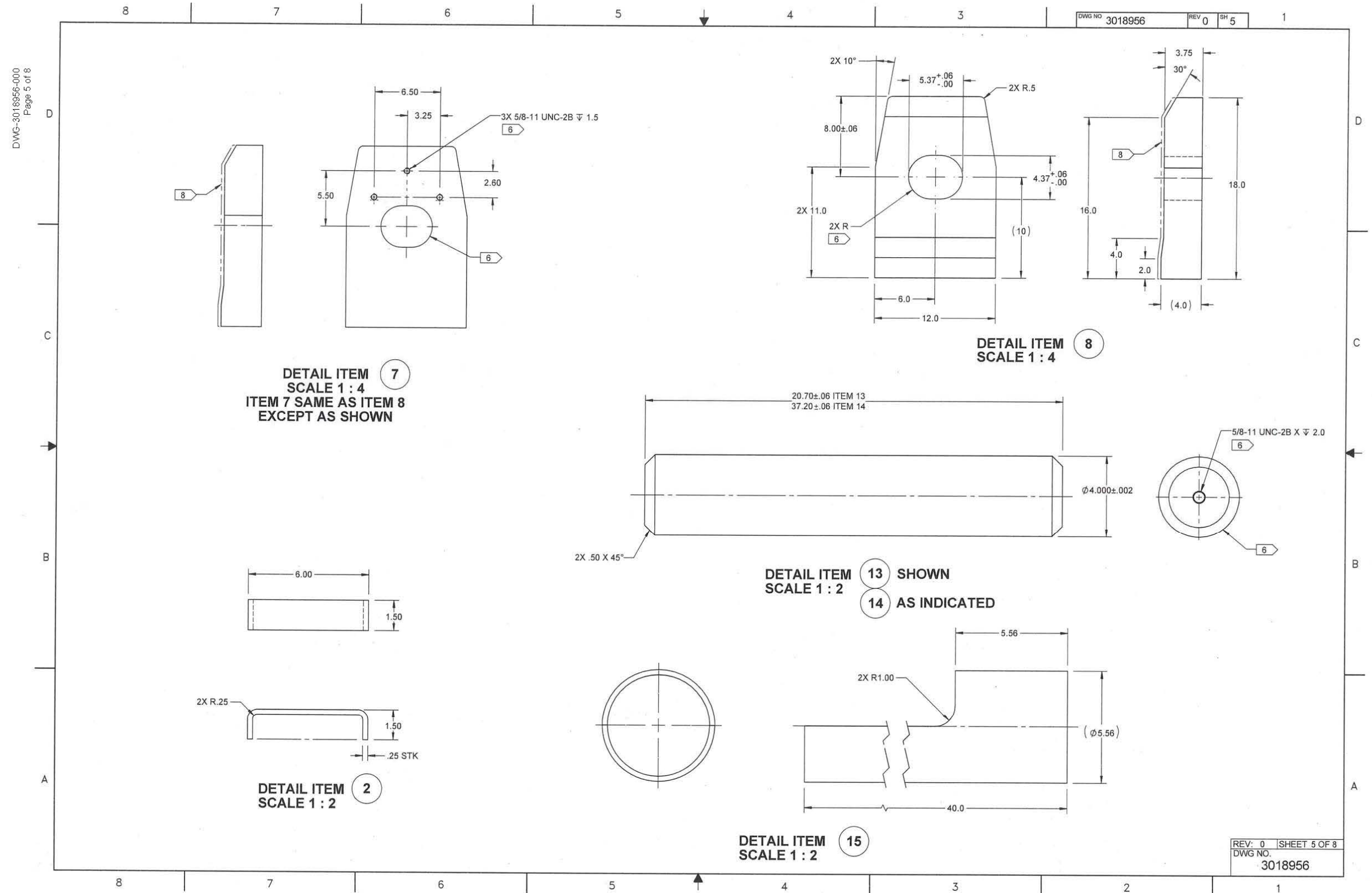


Orano Federal Services
Title: Design and Prototype Fabrication of Railcars for Transport of
High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
Appendix A

Doc./Rev.: EIR-3021970-000
Project: 00225.03.0050 DOE Atlas Project



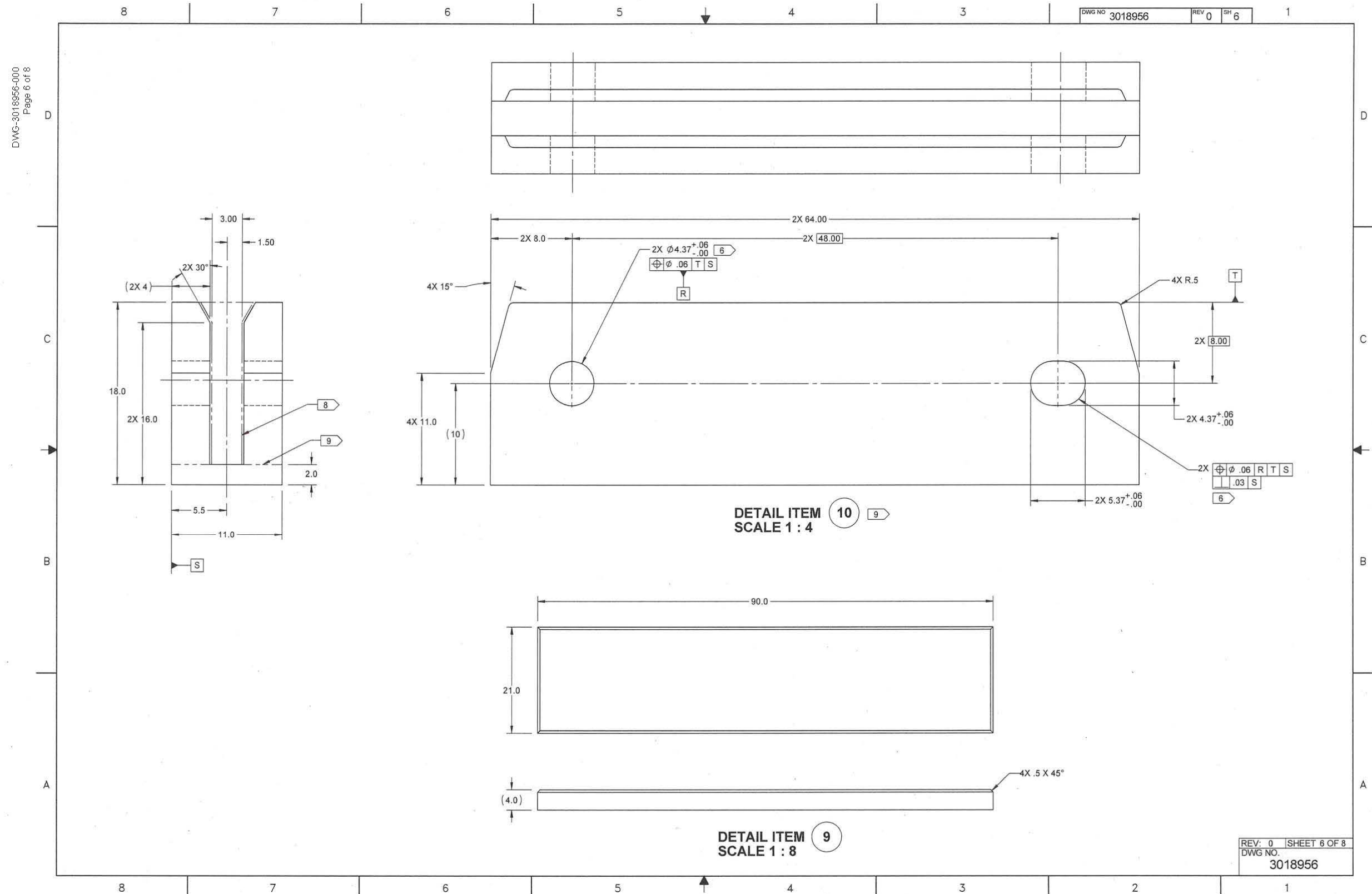






Orano Federal Services
Title: Design and Prototype Fabrication of Railcars for Transport of
High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
Appendix A

Doc./Rev.: EIR-3021970-000
Project: 00225.03.0050 DOE Atlas Project





Orano Federal Services
 Title: Design and Prototype Fabrication of Railcars for Transport of
 High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
 Appendix A

Doc./Rev.: EIR-3021970-000
 Project: 00225.03.0050 DOE Atlas Project

