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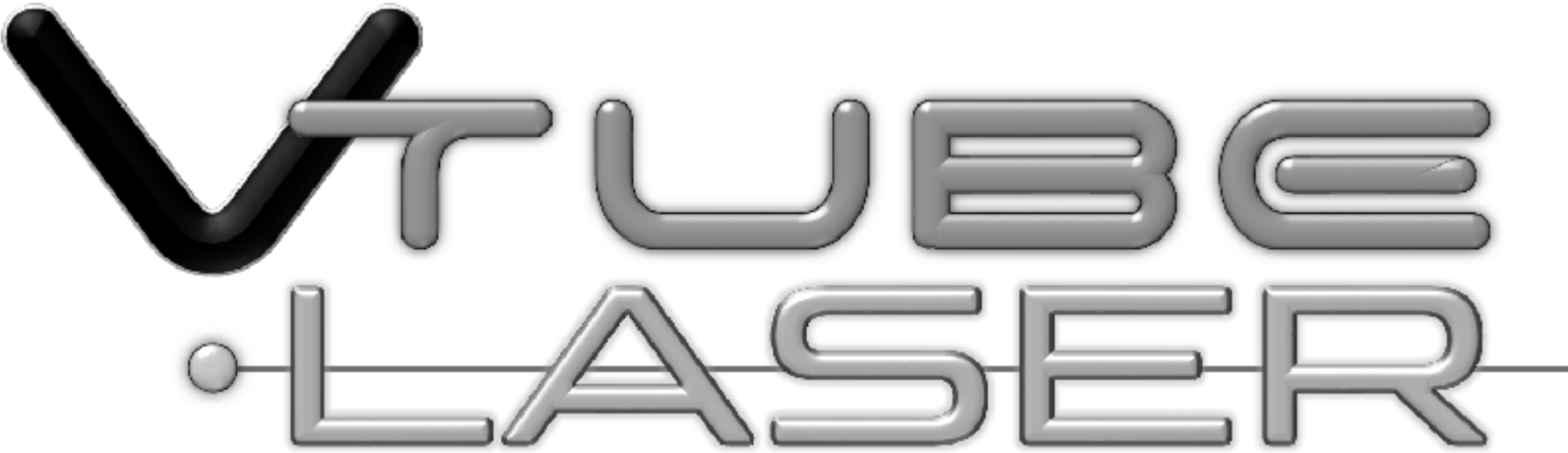
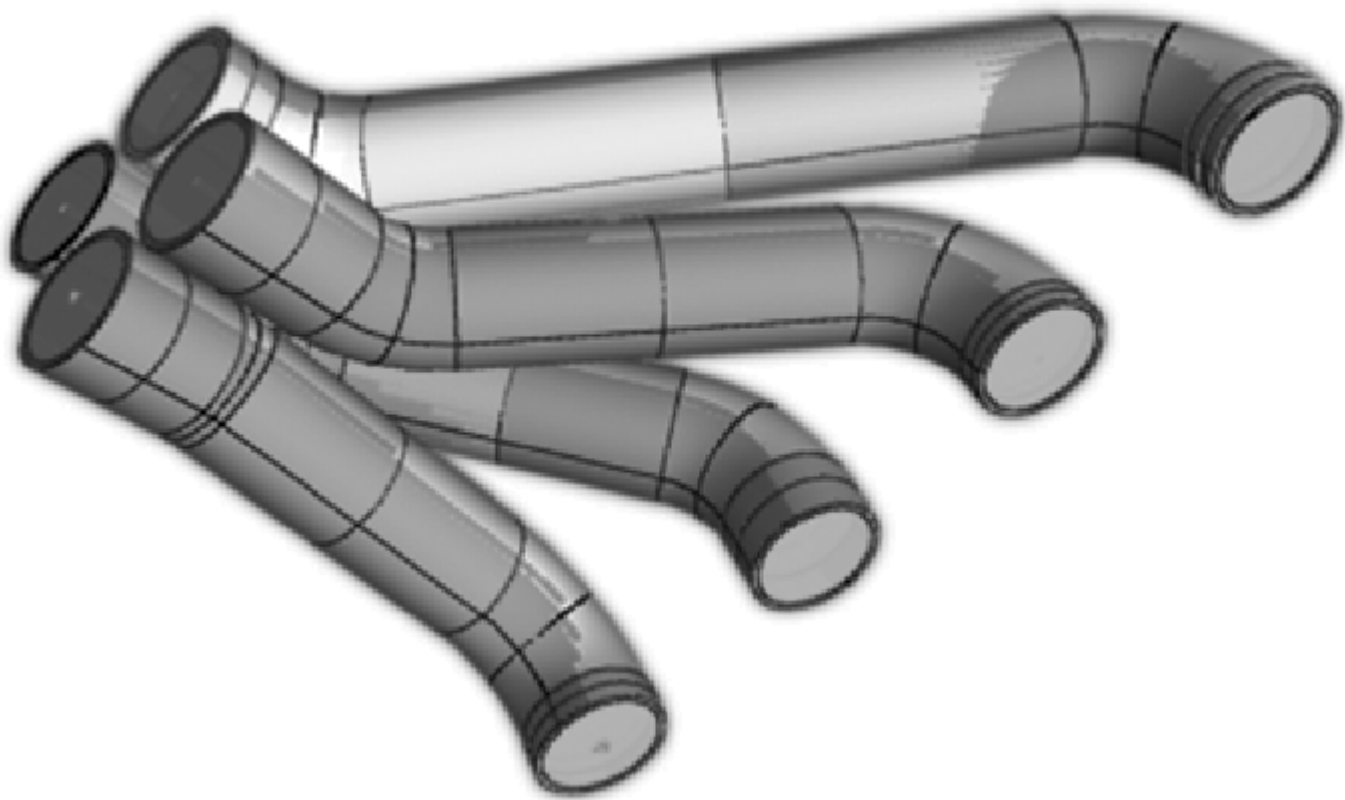
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	SEE DRAWN DATE	XX

TUBE SPEC: 15.875 OD X 1.98 WALL
RADIUS: 44.45 TYPICAL

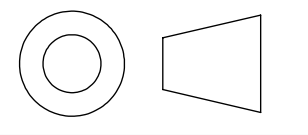
TUBE CENTERLINE COORDINATES

Pnt	X	Y	Z
1	-236.5	107.3	56.2
2	-145.2	108.4	56.2
3	-45.9	107.5	0.0
4	-43.9	-44.4	0.0
5	79.2	-44.4	0.0
6	146.8	-45.6	66.3
7	242.3	-46.0	66.7



UNLESS OTHERWISE SPECIFIED
SPARE PARTS INDICATED BY ASTERISK IN BILL OF MATERIAL
DO NOT SCALE DRAWING
ALL DIMENSIONS ARE IN MILLIMETERS
ALL STOCK AND CUT-OFF DIMENSIONS ± 1
ALL OTHER ONE PLACE DECIMAL DIMENSIONS ± 1
ALL TWO PLACE DECIMAL DIMENSIONS ± 0.10
ALL THREE PLACE DECIMAL DIMENSIONS ± 0.013
ALL MACHINED ANGLES ± 0°-15'
WELDMENT, CASTING AND BURNOUT DIMENSIONS ± 3.0
CSINK ALL TAPPED HOLES
REMOVE ALL BURRS AND SHARP CORNERS
DO NOT USE REF. DIMENSIONS FOR MANUFACTURING
DIMENSIONS IN [XX] ARE IN INCHES
3/2, 1/16, 1/32 OR BETTER ON ALL MACHINED SURFACES

THIRD ANGLE PROJECTION



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TITLE: **Advanced Tubular Technologies, Inc.
VD-1D**

PROJECT NO: QS2018 DRAWN BY: CN DATE: 5/31/2018
SCALE: 1:2 SHEET SIZE: D CHECKED BY: MBC DATE: 7/20/2018

SHEET NO: 1 TOTAL SHEETS: 1 DRAWING NO: VT-1D