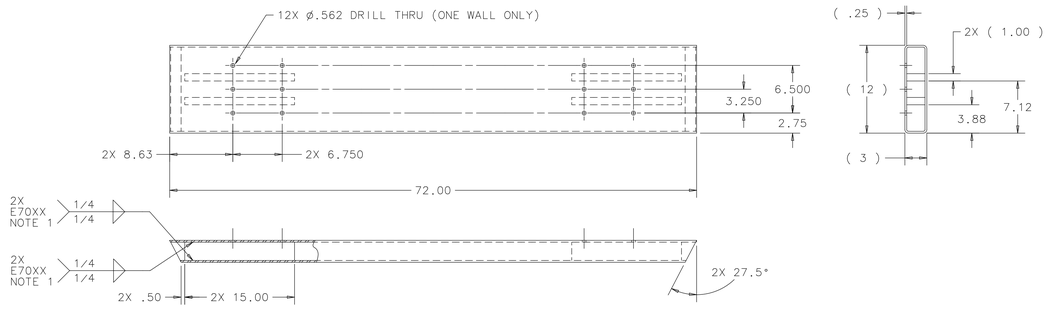
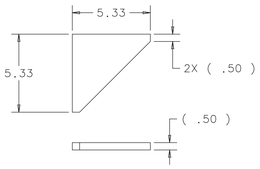
REV	DESCRIPTION	DRAWN	DATE
		APPROVED	DATE



NOTE
1. WELD LENGTH TO BE AS LONG AS POSSIBLE

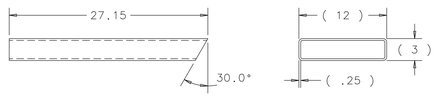
ME-435752-01

MAT'L.: 12 X 3 X .250 WALL STRUCTURAL TUBING
CARBON STEEL ASTM A500 GR. B



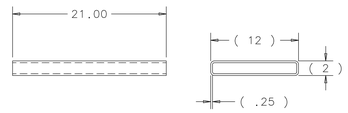
ME-435752-21

SCALE: 1/4
MAT'L.: .50 THK. PLATE
CARBON STEEL ASTM A-36



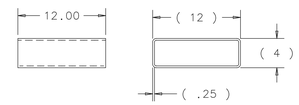
ME-435752-02

MAT'L.: 12 X 3 X .250 WALL STRUCTURAL TUBING
CARBON STEEL ASTM A500 GR. B



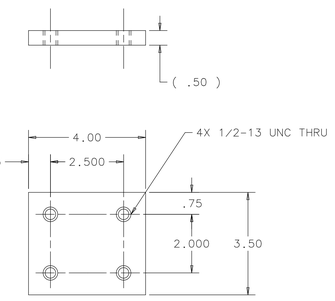
ME-435752-07

MAT'L.: 12 X 2 X .250 WALL STRUCTURAL TUBING
CARBON STEEL ASTM A500 GR. B



ME-435752-08

MAT'L.: 12 X 2 X .250 WALL STRUCTURAL TUBING
CARBON STEEL ASTM A500 GR. B



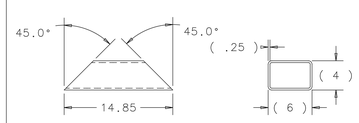
ME-435752-20

SCALE: 1/2

MAT'L.: .50 THK. PLATE, CARBON
STEEL ASTM A36

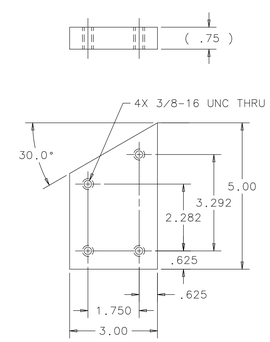
ME-435752-03

MAT'L.: 12 X 3 X .250 WALL STRUCTURAL TUBING
CARBON STEEL ASTM A500 GR. B



ME-435752-10

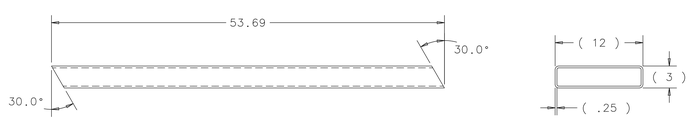
MATERIAL: 4 X 2 X .250 WALL STRUCTURAL TUBING
CARBON STEEL ASTM A500 GR. B



ME-435752-12

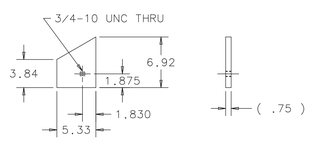
SCALE: 1/2

MAT'L.: .75 THK. PLATE, CARBON
STEEL ASTM A36



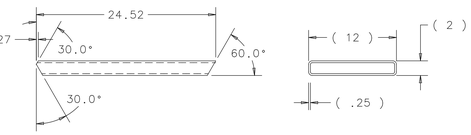
ME-435752-04

MAT'L.: 12 X 3 X .250 WALL STRUCTURAL TUBING
CARBON STEEL ASTM A500 GR. B



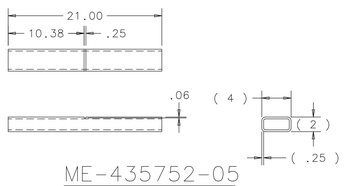
ME-435752-11

MAT'L.: .750 THK. PLATE, CARBON STEEL ASTM A-36



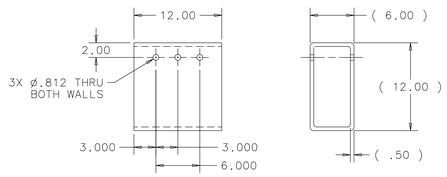
ME-435752-19

MAT'L.: 12 X 2 X .250 WALL STRUCTURAL TUBING
CARBON STEEL ASTM A500 GR. B



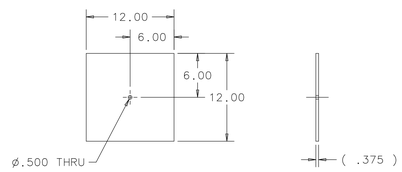
ME-435752-05

MAT'L.: 4 X 2 X .250 WALL STRUCTURAL TUBING
CARBON STEEL ASTM A500 GR. B



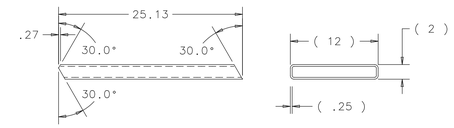
ME-435752-06

MAT'L.: 12 X 6 X .50 WALL STRUCTURAL TUBING
CARBON STEEL ASTM A500 GR. B



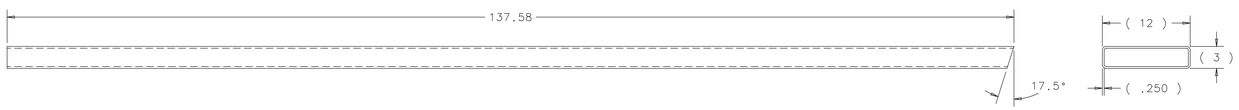
ME-435752-09

MAT'L.: .375 THK. PLATE, CARBON STEEL ASTM A-36



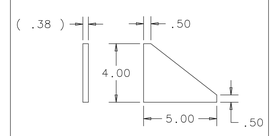
ME-435752-18

MAT'L.: 12 X 2 X .250 WALL STRUCTURAL TUBING
CARBON STEEL ASTM A500 GR. B



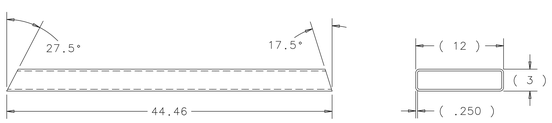
MD-435752-16

MAT'L.: 12 X 3 X .250 WALL STRUCTURAL TUBING
CARBON STEEL ASTM A500 GR. B



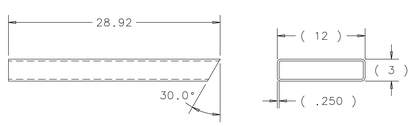
ME-435752-17

SCALE: 1/4
MAT'L.: .375 THK. PLATE
CARBON STEEL ASTM A-36



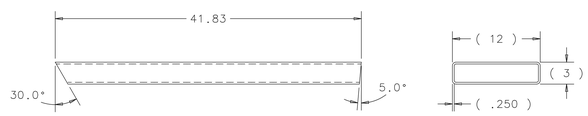
ME-435752-13

MAT'L.: 12 X 3 X .250 WALL STRUCTURAL TUBING
CARBON STEEL ASTM A500 GR. B



ME-435752-14

MAT'L.: 12 X 3 X .250 WALL STRUCTURAL TUBING
CARBON STEEL ASTM A500 GR. B



ME-435752-15

MAT'L.: 12 X 3 X .250 WALL STRUCTURAL TUBING
CARBON STEEL ASTM A500 GR. B

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UNLESS OTHERWISE SPECIFIED			ORIGINATOR	J.KILMER	22-FEB-2006
.XX	.XXX	ANGLES	DRAWN	W.CYKO	22-FEB-2006
± .06	± .010	± 1°	CHECKED	G.SMITH	19-OCT-2006
1. BREAK ALL SHARP EDGES .015 MAX. 2. DO NOT SCALE DRAWING. 3. DIMENSIONS BASED UPON ASME Y14.5M-1994 4. MAX. ALL MACH. SURFACES 250 5. DRAWING UNITS: U.S.INCH			APPROVED	J.KILMER	19-OCT-2006
			USED ON	ME-435758	
			MATERIAL	SEE DRAWING	

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

MINERVA-MECHANICAL DETECTOR STRONGBACK PARTS DETAILS

SCALE	DRAWING NUMBER	SHEET	REV
1/8 & AS NOTED	3938.330-ME-435752	1 OF 1	

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