CHOPPER BUILDERS HANDBOOK

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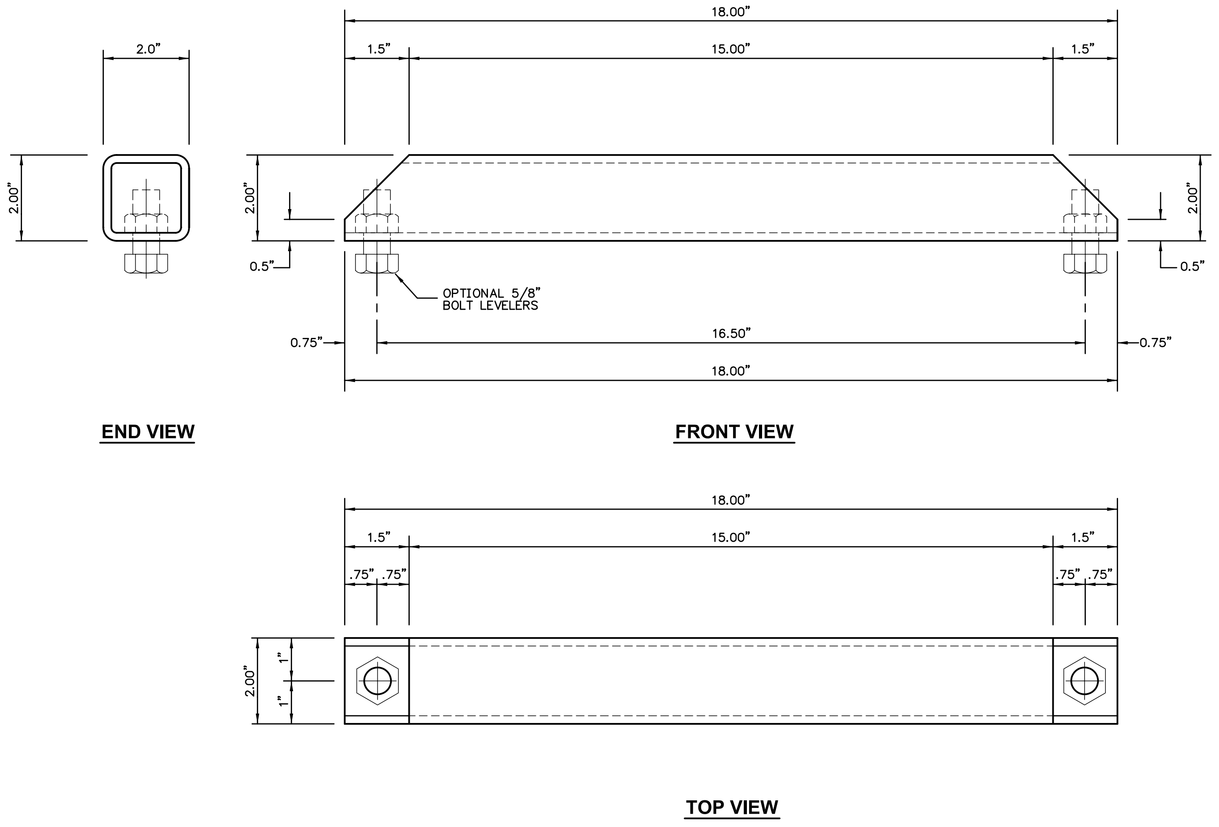
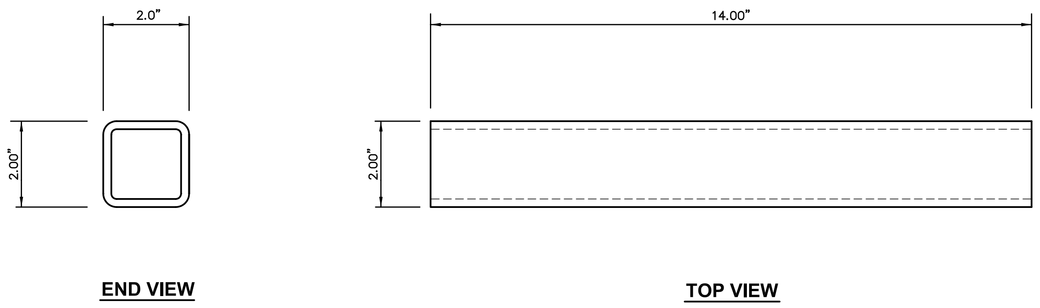
THE BENDER IS SHOWN HERE WITH THE OPTION OF USING BOLTS TO LEVEL THE FRAME ASSEMBLY BUT IT CAN ALSO BE BUILT WITH CASTERS ON THE FRAME.

YOU CAN BUILD IT ANY WAY YOU WANT TO AND I DO UNDERSTAND WHY SOMEBODY WOULD WANT TO HAVE THE UNIT ON CASTERS SO IT CAN COULD BE ROLLED AROUND THE SHOP BUT I PERSONALLY PREFER TO HAVE THE UNIT SETTING ON THE FLOOR AND LEVELED UP SQUARE BEFORE BENDING ANY TUBING.



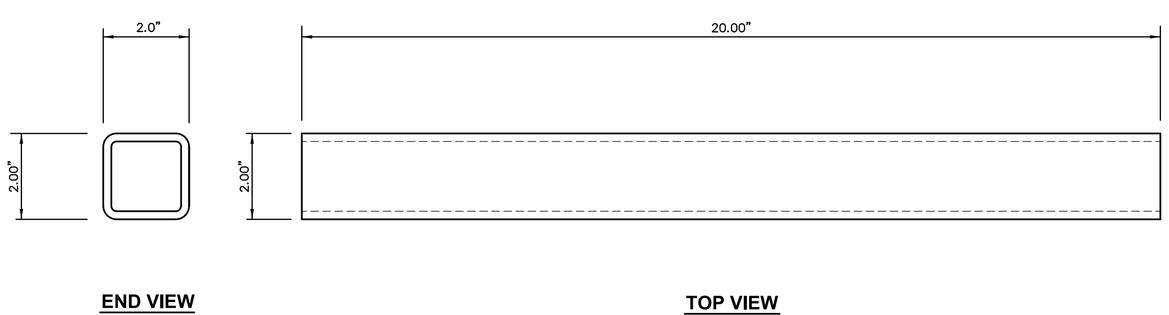
1 FRAME BASE TRANSVERSE CROSSMEMBERS

SCALE 1" = 1" (FULL SIZE)
MAKE TWO FROM 2"x2"x3/16" SQ. STL. TUBING



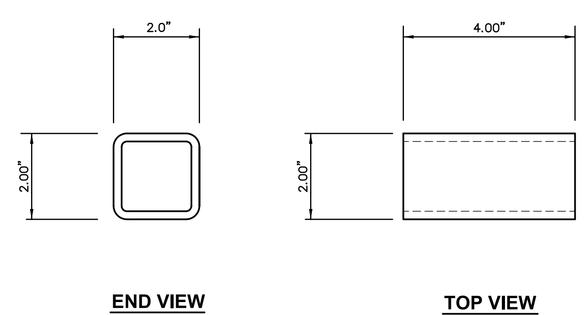
3 RAM PLATE RUNNER TUBE

SCALE 1" = 1" (FULL SIZE)
MAKE ONE FROM 2"x2"x3/16" SQ. STL. TUBING



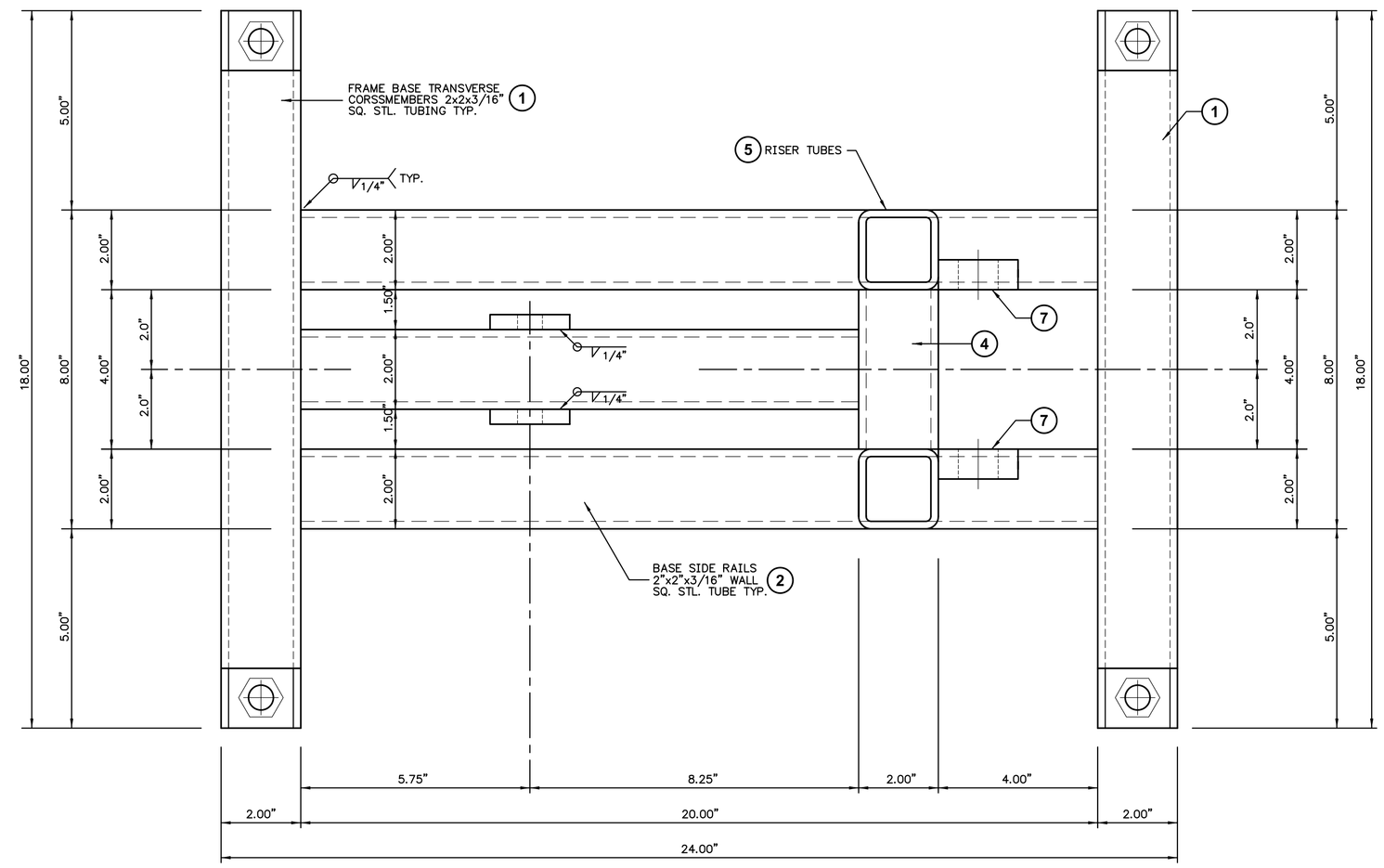
2 FRAME BASE SIDE RAILS

SCALE 1" = 1" (FULL SIZE)
MAKE TWO FROM 2"x2"x3/16" SQ. STL. TUBING



4 RISER TUBES CROSSMEMBER

SCALE 1" = 1" (FULL SIZE)
MAKE ONE FROM 2"x2"x3/16" SQ. STL. TUBING



TOP VIEW

FRAME ASSEMBLY

SCALE 1" = 1" (FULL SIZE)

GARY W. WEISHAUPT

PERFORMANCE ENGINEERING
CHASSIS FABRICATION
FLOWBENCH TESTING
MACHINE WORK
RESTORATIONS

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Revision	Date
• INITIAL LAYOUT	3-18-11
• GENERAL REVISION	6-21-12
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Key Plan

Project Title

AIR/HYDRAULIC VERTICAL MOUNT TUBING BENDER

Drawn By	GWW
Date	6-21-12
Checked By	HC
Date	6-21-12
Scale	AS NOTED
File No.	–
Project No.	–

Sheet Description

TYPICAL FRAME FABRICATION DETAILS

PRELIMINARY PRINT

Sheet No.

VTB1.2