CHOPPER BUILDERS HANDBOOK

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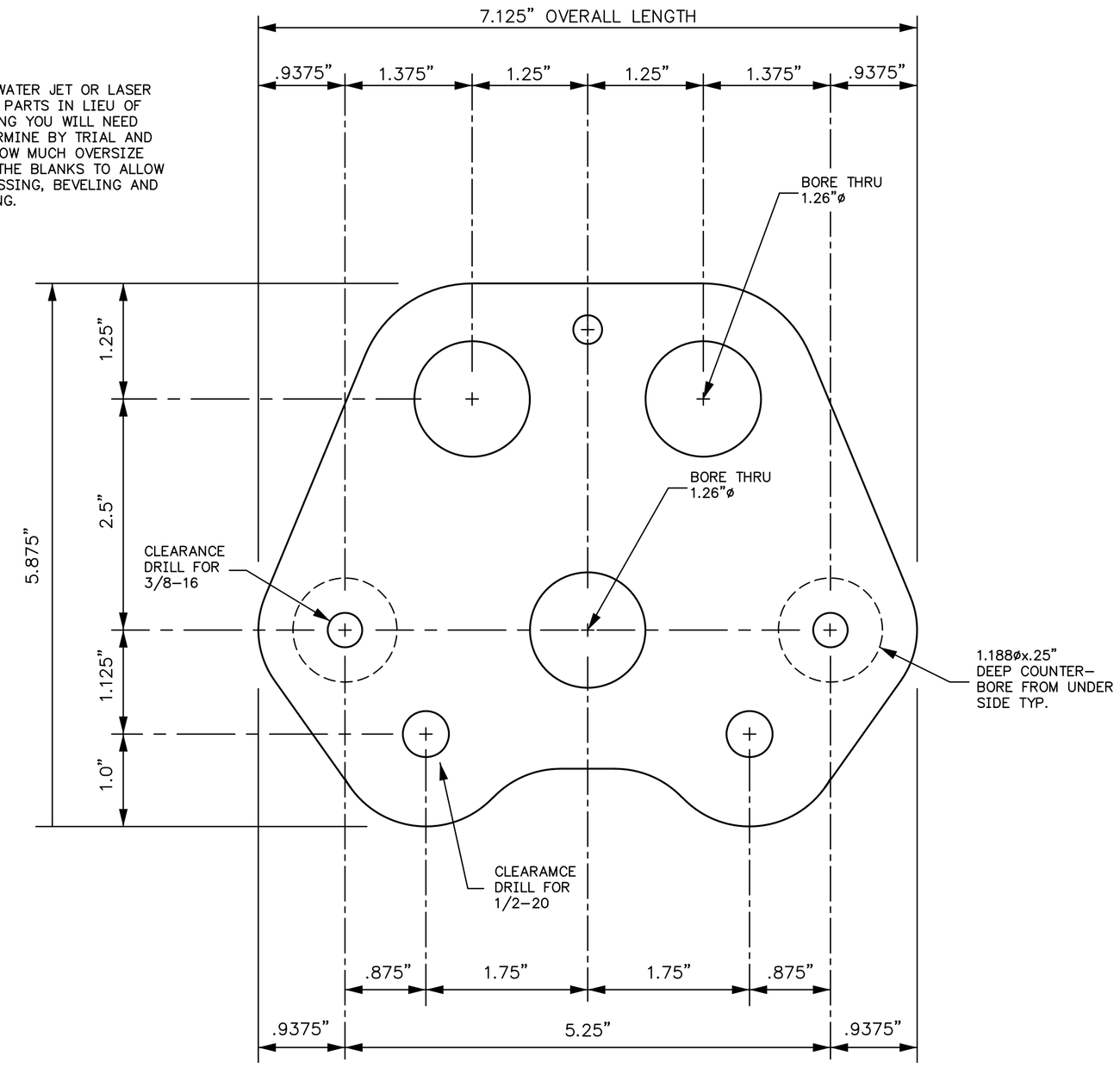
GENERAL NOTES

1. THIS STYLE FORK SYSTEM IS USUALLY ATTRIBUTED TO ARLEN NESS BUT WAS POPULAR FOR TRIKES IN THE EARLY 60's. LITERALLY THOUSANDS OF THESE FORKS WERE MADE IN DOZENS OF VARIATIONS OVER THE YEARS BY SEVERAL DIFFERENT COMPANIES AND INDIVIDUAL SMALL SHOPS BUT FEW ORIGINALS SURVIVE TODAY. THE PATTERNS SHOWN HEREIN WERE TAKEN FROM SEVERAL EXAMPLES OF THE WORK THAT HAVE COME INTO OUR SHOP OVER THE YEARS AND REPRESENT TYPICAL EXAMPLES OF THE STYLE.
2. EVEN THOUGH I HAVE BUILT THESE FORKS FOR SHOW BIKES IT MY MY RESPONSIBILITY TO POINT OUT THAT THE DESIGN HAS SOME STRUCTURAL ISSUES COMPARED TO THE LATER CENTURY STYLE SO IF YOU BUILD TO THE OLD ORIGINAL CONFIGURATION YOU DO SO AT YOUR OWN RISK.

IF YOU WATER JET OR LASER CUT THE PARTS IN LIEU OF MACHINING YOU WILL NEED TO DETERMINE BY TRIAL AND ERROR HOW MUCH OVERSIZE TO CUT THE BLANKS TO ALLOW FOR DRESSING, BEVELING AND POLISHING.

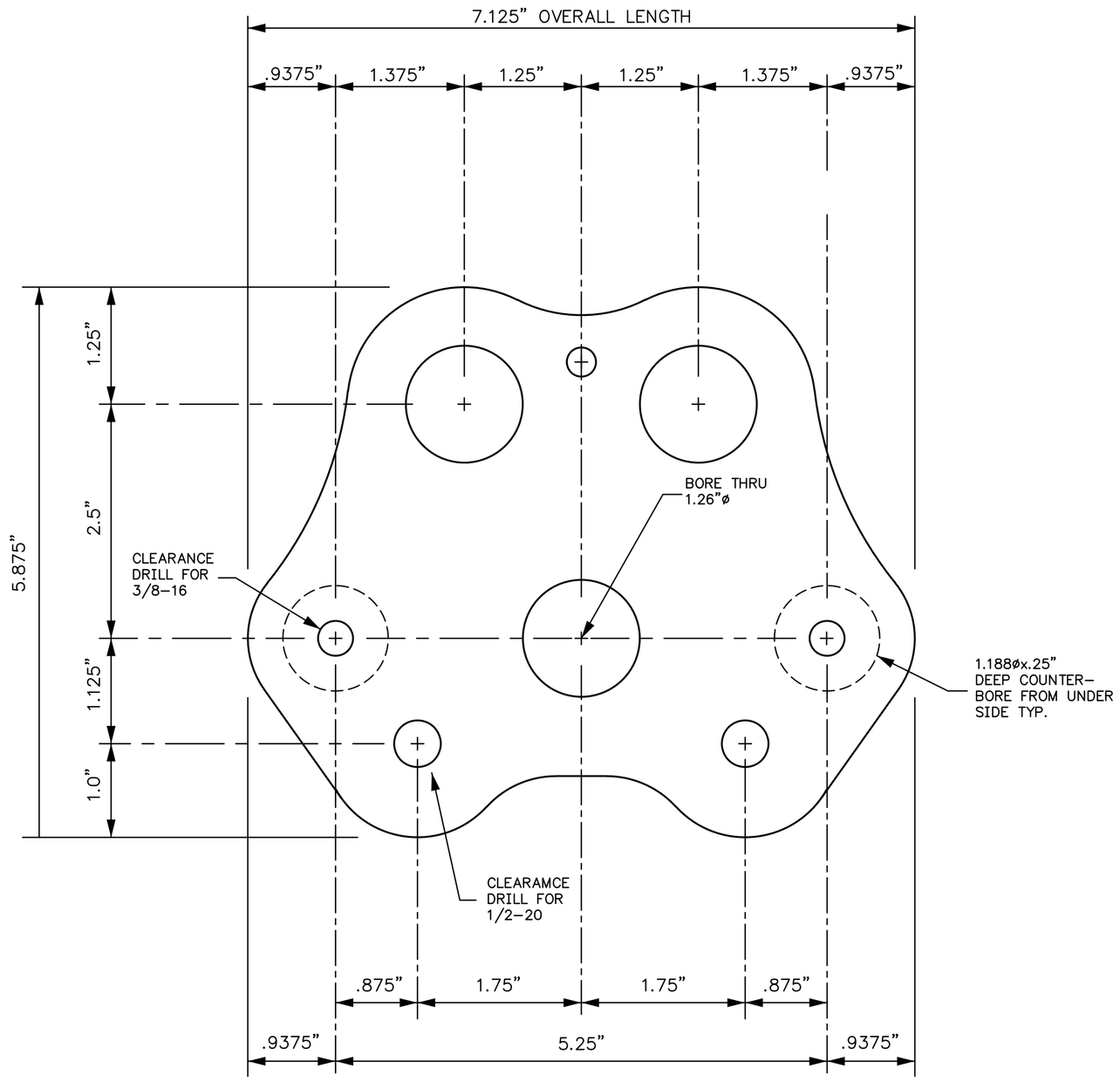


TOP VIEW

STYLE I

1"=1" (MTL. 3/4" 1018CRS)

NESS ORIGINAL TOP TREE



TOP VIEW

STYLE II

1"=1" (MTL. 3/4" 1018CRS)

NESS ORIGINAL TOP TREE

CHOPPER BUILDERS LLC
GARY W. WEISHAUPT

PERFORMANCE ENGINEERING
CHASSIS FABRICATION
FLOWBENCH TESTING
MACHINE WORK
RESTORATIONS

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Revision	Date
• ORIGINAL HAND DRAFTED WORK	8-21-69
• INITIAL CAD LAYOUT REDRAFT	12-7-85
• GENERAL REVISION	8-12-89
• GENERAL REVISION	5-17-91
• GENERAL REVISION	5-12-12
• GENERAL REVISION	3-9-2020
• GENERAL REVISION	6-21-2021
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Key Plan

Project Title

NESS AND NESS CENTURY SPRINGER PARTS

REFERENCE DATA

Drawn By	GWW
Date	6-21-2021
Checked By	
Date	
Scale	1" = 1"
File No.	–
Project No.	–

Sheet Description

TOP TREE PATTERNS

Sheet No.

N-1