

GARY W. WEISHAUPT
 PERFORMANCE ENGINEERING
 CHASSIS FABRICATION
 FLOW MACHINE WORK
 RESTORATIONS

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Revision	Date
* INITIAL LAYOUT	12-7-05
* GENERAL REVISION	9-27-07
* GENERAL REVISION	3-4-08
* GENERAL REVISION	7-4-08
* GENERAL REVISION	2-24-08
* GENERAL REVISION	9-24-08
* GENERAL REVISION	1-16-08
* GENERAL REVISION	4-12-08

**PROTOTYPE RIGID
 CHOPPER FRAME**

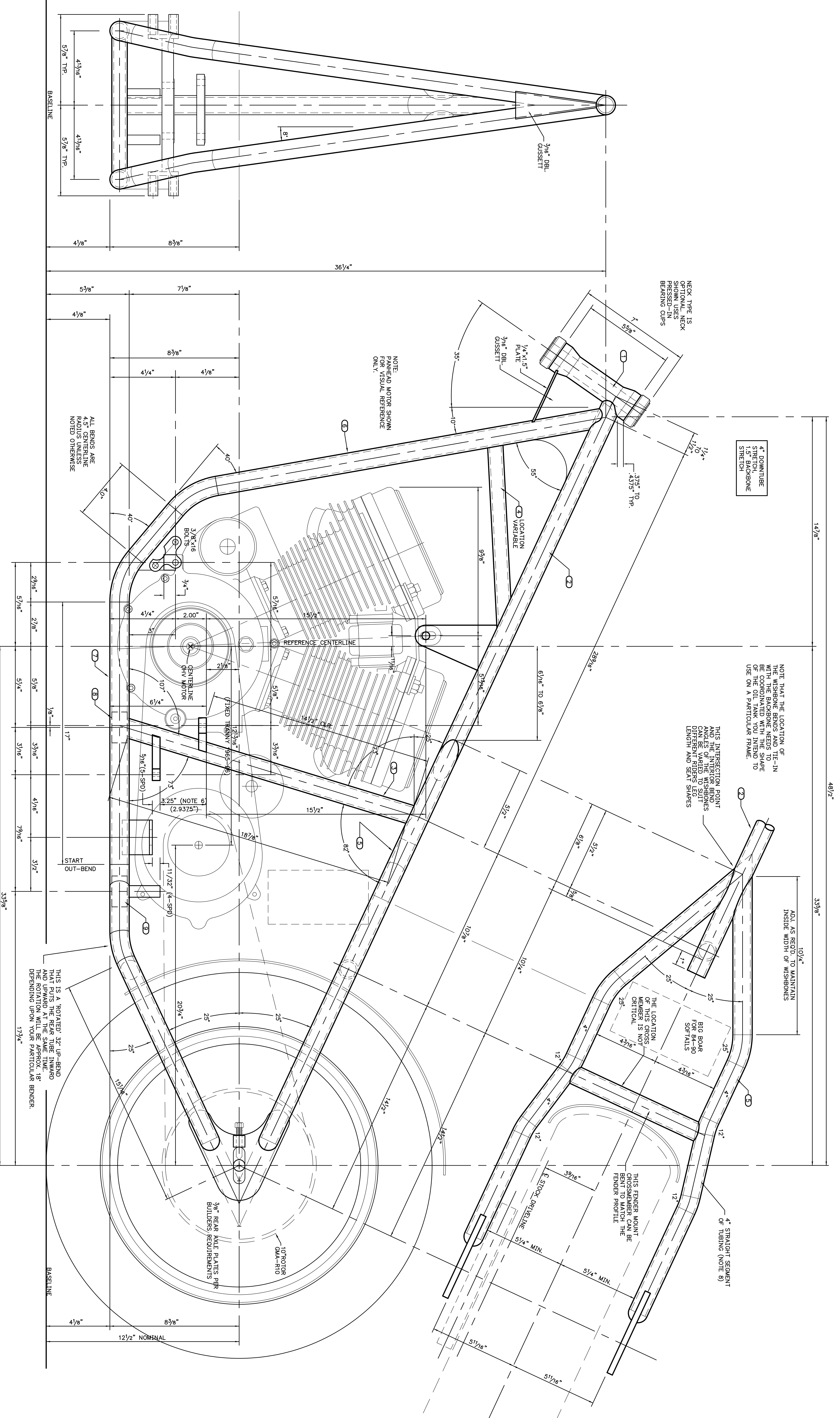
**WELDING JIG #2
 REFERENCE DATA**

CUSTOM RIGID

Drawn By	GW
Date	4-12-05
Checked By	HC
Title	4-18-05
Scale	3/8" = 1"
Proj. Scale	3/8" = 1"
Proj. No.	CR-250-2-001

**RIGID CHOPPER
 DIMENSIONS**
DESIGN CR-200-2

CR-200-2



MATERIAL SCHEDULE

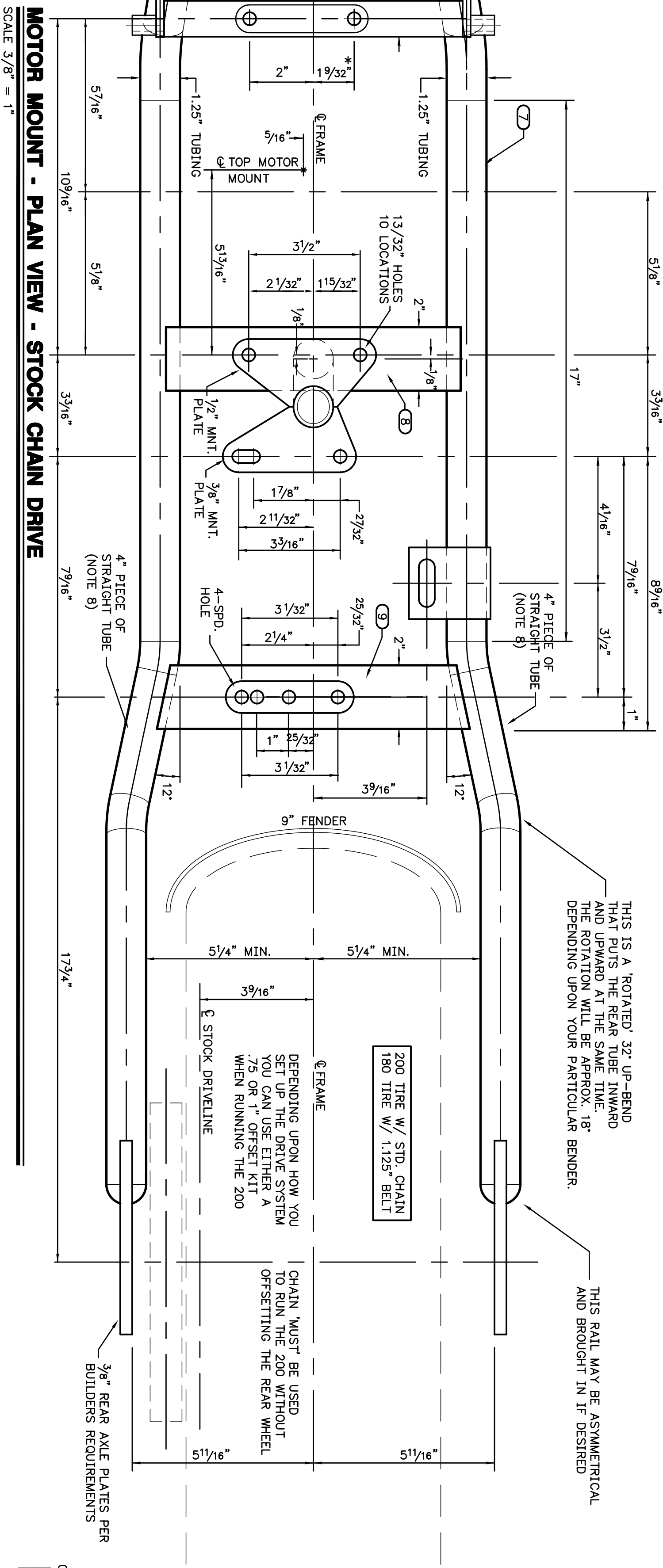
BY BUILDER	
STEERING NECK	3/4"
BACKGROUND (TOP TUBE)	1.25x.120 ERW
SEAT POST	1.25x.120 ERW
NECK GUSSET TUBE	1.25x.120 ERW
WISHBONE TUBES (2)	1.25x.120 ERW
DOWN TUBES 1 (2)	1.25x.120 ERW
BOTTOM RAILS 1 (2)	1.25x.120 ERW
SEAT POST BRACE	1.25x.120 ERW
REAR TRANS BRACE	1.25x.120 ERW
WISHBONE BRACE	1.25x.120 ERW

- GENERAL NOTES**
- THIS SERIES OF DRAWINGS HAS BEEN DEVELOPED FOR THE SOLE PURPOSE OF SERVING AS REFERENCE MATERIALS DURING THE CONSTRUCTION OF CUSTOM MOTORCYCLE FRAMES. DO NOT USE THESE DRAWINGS DURING ANY OTHER CONSTRUCTION PROJECTS.
 - BASE REFERENCE DIMENSIONS SHOWN HEREON WERE DERIVED FROM HARELÉ-DANVONN SHOP DRAWINGS DATED AUGUST 22, 1991 FOR THE REVERED PANHEAD MOTOR INSTALLATION. (GEM 4700-48A).
 - THE FRAMES SHOWN HEREIN ARE INTENDED FOR USE WITH STOCK HUBS AND SPOKES. FOR HIGH PERFORMANCE MODIFICATIONS, CONSULT THE DESIGNER FOR FRAME AND/OR COMPONENTS DETAIL WELDING AND FINISHING TO BE CONSTRUCTED BY SKILLED PROFESSIONAL WELDERS AND FABRICATORS WHO WILL NOT BE RESPONSIBLE FOR DAMAGES THAT RESULT FROM IMPROPER APPLICATION AND INTERPRETATION OF THESE DRAWINGS OR SUB-STANDARD WORKMANSHIP.
 - NOTE THAT UNLESS SPECIFIED OTHERWISE ALL TUBING BENDS ARE TO BE MADE AT 90 DEGREE ANGLES.
 - THE VERTICAL DISTANCE BETWEEN THE HUB AND WOPRO MOUNT PLATE AND THE FRONT TRANSMISSION MOUNT VARIES DEPENDING UPON THE MODEL OF TRANSMISSION AND PLATE BEING USED. FOR STOCK 4-SPEEDS IT IS 1.25" FOR A 5-SPEED MOUNT IT IS USUALLY 2.50".
 - PLEASE VERIFY THESE DIMENSIONS AGAINST THE ACTUAL PARTS YOU HAVE ELECTED TO USE.
 - SEE THE SPOTLIT FRAME PLANS POSTED AT THE SITE FOR DIMENSIONS OF THE FRONT TRANSMISSION MOUNTS.
 - DEPENDENT UPON YOUR PARTICULAR BENDER AND THE MATERIAL BEING USED, THE DIMENSIONS OF THE FRONT TRANSMISSION MOUNTS MAY BE SHORTER TO KEEP THE INSIDE WIDTH OF THE REAR LOWER RAILS TO THE CORRECT SPACING.

ALL BENDS ARE TO BE MADE AT 90 DEGREE ANGLES UNLESS NOTED OTHERWISE.

THE WIDTH OF THE FRONT MOTOR MOUNT BAR AND LOCATION OF FORWARD BENDS IS TO BE DETERMINED BY THE FABRICATOR.

NOTE: BUILDERS USE A DIMENSION OF 1/4" PLACE OF THE DIMS SHOWN W/ A STAR.



MOTOR MOUNT - PLAN VIEW - STOCK CHAIN DRIVE
 SCALE 3/8" = 1"

