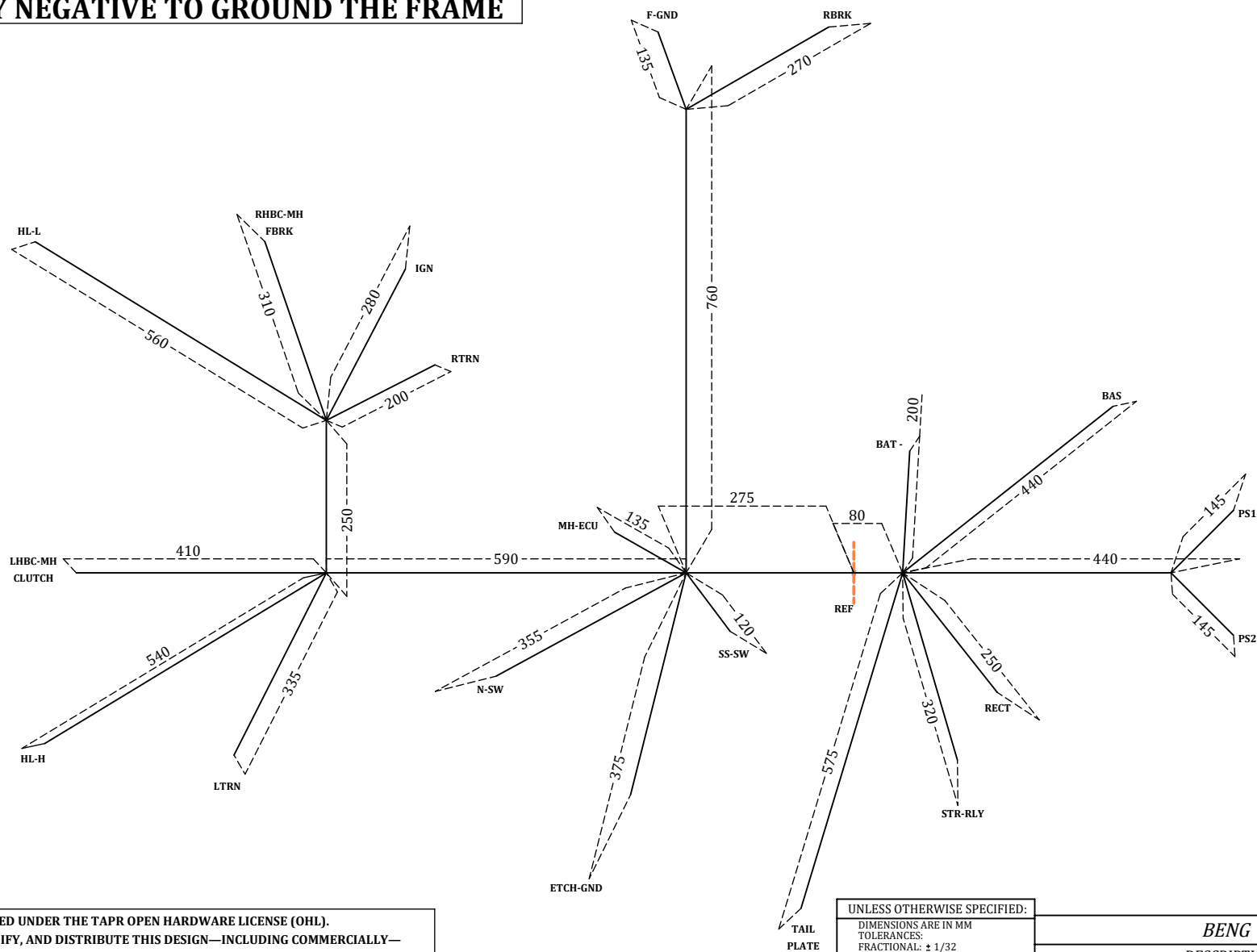


ADD 4 AWG WIRE FROM FRAME GND TO BATTERY NEGATIVE TO GROUND THE FRAME



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UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MM
 TOLERANCES:
 FRACTIONAL: $\pm 1/32$
 ANGULAR: MACH ± 0.05 BEND $\pm 1^\circ$
 TWO PLACE DECIMAL ± 0.25
 THREE PLACE DECIMAL ± 0.10

MATERIAL:

FINISH:

DO NOT SCALE DRAWING

NAME _____ DATE _____

DRAWN BY

HUNTER BABICH

9/16/2025

CHECKED BY 	DATE
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BENG

DESCRIPTION

RC51 MAIN HARNESS DIMENSIONS

SIZE	
A	

DWG. NO.
Main Harness

REV
1

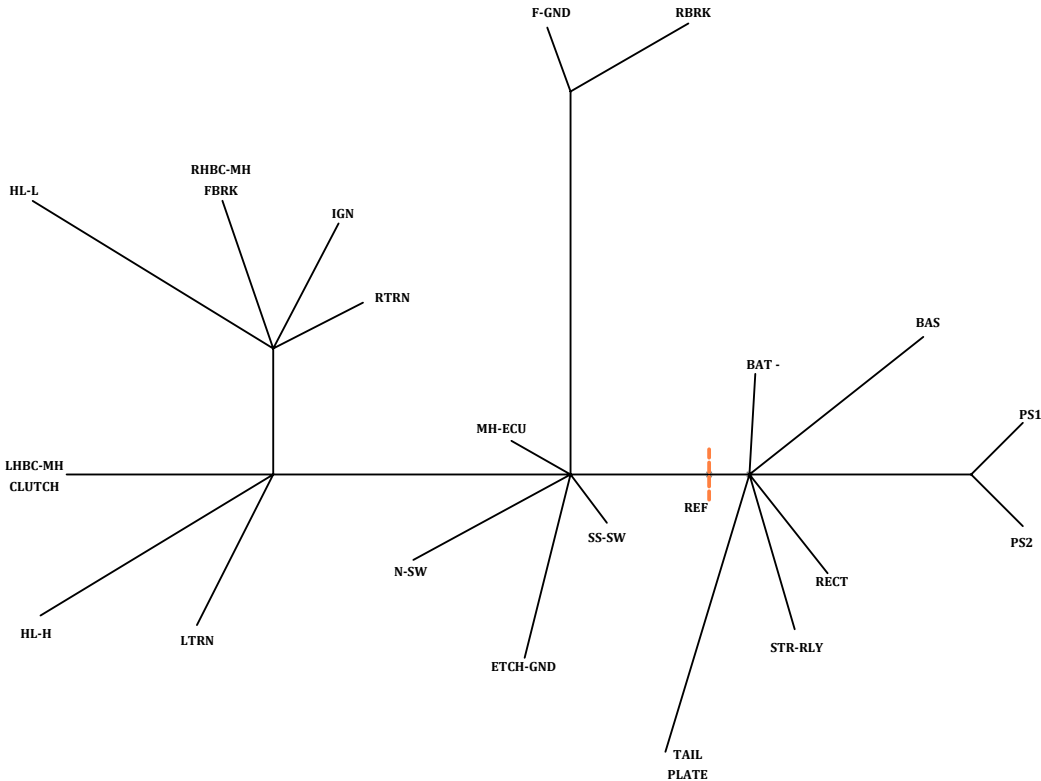
SCALE: 1:10

- DIMS -

SHEET 1 OF 2

REVISIONS			
REV	DESCRIPTION	BY	DATE
1	INITIAL RELEASE	HUNTER BABICH	9/16/2025

CODE	#	DESCRIPTION	CONNECTOR
RHBC-MH - FBRK	C1	RIGHT HANDLE BAR CONTROLS TO MAIN HARNESS	DTM06-4S
RTRN	C3	FRONT RIGHT TURN SIGNAL - HARNESS SIDE	DTM06-2S
HL-L	C4	HEADLIGHT LOW BEAM	H7
IGN	C6	IGNITION KEY SWITCH - HARNESS SIDE	DTM06-3S
HL-H	C7	HEADLIGHT HIGH BEAM	H7
LTRN	C9	FRONT LEFT TURN SIGNAL - HARNESS SIDE	DTM06-2S
RBRK	C11	REAR BRAKE SWITCH - HARNESS SIDE	DTM06-2S
MH-ECU	C12	MAIN HARNESS TO ECU	DTM06-6S
LHBC-MH - CLUTCH	C13	LEFT HANDLEBAR CONTROLS TO MAIN HARNESS	DTM06-8S
N-SW	C14	NUETRAL SWITCH TO MAIN HARNESS	4MM RD BARREL
SS-SW	C17	SIDE STAND SWITCH - HARNESS SIDE	DTM06-2S
BAS	C19	BANK ANGLE SENSOR - HARNESS SIDE	DTM06-3S
PLATE	C22	PLATE LIGHT - HARNESS - SIDE	DTM06-2S
TAIL	C24	TAILLIGHT - HARNESS SIDE	DTM06-6S
STR-RLY	C25	STARTER RELAY	SUMITOMO: 6098-0006
FGND	C27	FRAME GROUND	6.3mm RING
BAT -	C33	BATTERY NEGATIVE TERMINAL	6.3mm RING
MH-PS-1	C34	MAIN HARNESS CONNECTION TO POWER SUPPLY - GROUP 1	DTM06-12S
MH-PS-2	C35	MAIN HARNESS CONNECTION TO POWER SUPPLY - GROUP 2	DT06-12S
RECT	C39	RERCTIFIER CONNECTOR - HARNESS SIDE	DT06-6S



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM
TOLERANCES:
FRACTIONAL: $\pm 1/32$
ANGULAR: MACH ± 0.05 BEND $\pm 1^\circ$
TWO PLACE DECIMAL ± 0.25
THREE PLACE DECIMAL ± 0.10

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MATERIAL:		
FINISH:		
DO NOT SCALE DRAWING		
NAME		DATE
DRAWN BY	HUNTER BABICH	9/16/2025
CHECKED BY		

BENG		
DESCRIPTION		
RC51 MAIN HARNESS DIMENSIONS		
SIZE	DWG. NO.	REV
A	Main Harness	1
SCALE: 1:15	- CNTRS -	SHEET 2 OF 2