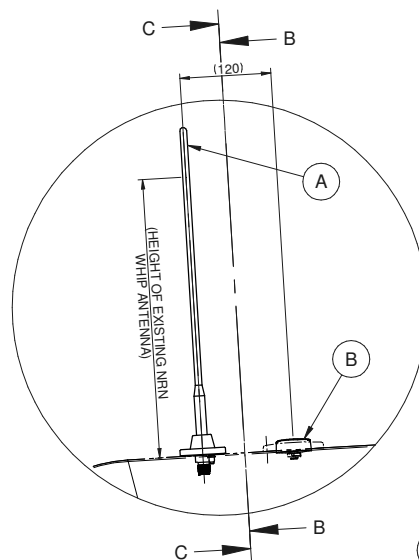
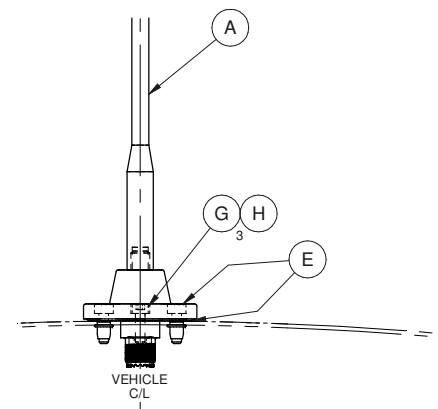


CLASS 37 CAB ELEVATION

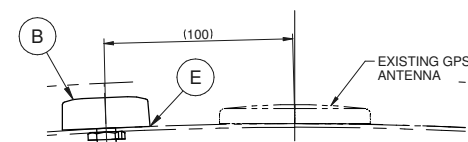
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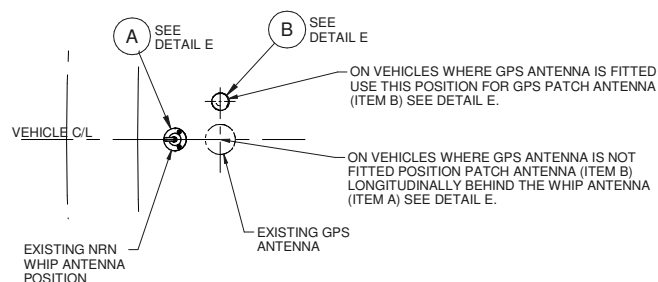
DETAIL A
(1:2.5)



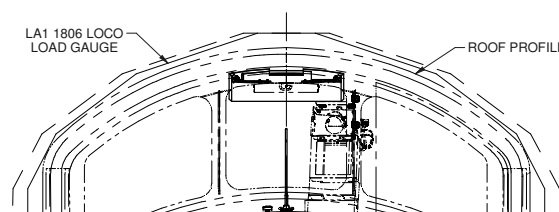
SECTION B-B
(1:1)



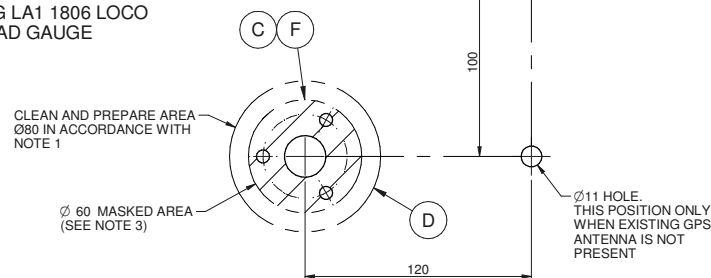
SECTION C-C
(1:1)



SECTION D-D
(1:5)




VIEW ON FRONT OF CAB
SHOWING LA1 1806 LOCO
LOAD GAUGE



DETAIL E
PREPARATION FOR VHF WHIP
ANTENNA (ITEM A) AND DRILLING
DETAILS FOR GPS ANTENNA (ITEM B)
(1:1)

- ## NOTES

1. VHF WHIP ANTENNA (ITEM A) TO REPLACE EXISTING NRN WHIP ANTENNA USING EXISTING THREADED INSERTS. BEFORE INSTALLING ANTENNA (ITEM A), A FOOTPRINT AREA OF Ø80 OF THE MOUNTING SURFACE TO BE CLEANED TO BARE METAL TO ENSURE A GOOD ELECTRICAL CONNECTION.
2. DRILL SINGLE, Ø11 HOLE FOR NEW GPS ANTENNA (ITEM B). SEE SECTION D-D NOTE FOR POSITION REQUIRED.
3. APPLY ZINC PRIMER (ITEM C) TO BARE METAL AREA SHOWN IN DETAIL E ENSURING THAT THE CENTRAL HATCHED AREA SHOWN IS MASKED OFF. ONCE ITEM C IS DRY, APPLY JOINTING COMPOUND (ITEM D) TO THE PREVIOUSLY MASKED AREA.
4. ON COMPLETION OF ALL ELECTRICAL CONNECTIONS AND ONCE ANTENNA FIXINGS ARE TORQUE TIGHTENED, FIXINGS AND PERIPHERY OF EACH ANTENNA MUST BE SEALED USING SEALANT (ITEM E) TO PREVENT WATER INGRESS.
5. AFTER INSTALLATION IS COMPLETE THE ROOF PAINTWORK AROUND ANTENNA TO BE MADE GOOD USING (ITEM F).
6. ALL PAINTING TO BE IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
7. ITEMS D, E & H TO BE INSTALLED/USED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS USING CORRECT TOOLS WHERE APPLICABLE.
8. POSITIONAL DIMENSIONS FOR NEW ANTENNAS MAY BE ADJUSTED TO SUIT MINOR VARIANCES OF EXISTING NRN AND GPS ANTENNAS.

THE TOLERANCE ON DIMENSIONS FOR WHICH NO LIMITS ARE GIVEN SHALL BE AS SHOWN BELOW.										UNLESS OTHERWISE STATED: DIMENSIONS ARE IN MILLIMETERS MACHINED SURFACES TO BE ± 0.13 ALL SHARP EDGES TO BE DEBURRED										THIS DOCUMENT IS CONFIDENTIAL AND THE COPYRIGHT PROPERTY OF MULTISOURCE ELECTRONICS LTD. IT MUST NOT BE LOANED, COPIED OR USED FOR PURPOSES OTHER THAN THAT FOR WHICH IT WAS SUPPLIED, WITHOUT THE WRITTEN APPROVAL OF THE MANAGING DIRECTOR, MULTISOURCE ELECTRONICS LTD. UNIT 1-3 GOLDSWORTH PARK TRADING ESTABLISHMENT, WORKING, DRAUGHT 021 36A									
NOM SIZE	OVER		0	6	30	120	400	1000																					
	TO		6	30	120	400	1000	-																					
MACHINED	\pm	0.2	0.5	0.8	1.2	2	3																						
FABRICATED	\pm	1	1	1.5	2	3	4																						
PROTECTION																													
								ENGINEERING DRAWING STANDARD TO dsg-dac 0011																					

ISSUE	GRID REF	ALTERATION
P1		FIRST ISSUE. UNDER dg8 design PROJECT No. MP/13/002.

	AR	H	THREADLOCK	243	LOCITITE PART No.
	3	G	M5 x 20 SOCKET HD CAP SCREW	035/106037	STEEL TO BS 4168 PART 1 TABLE 1, PROPERTY CLASS 12.9
	A	F	TWO PACK WATER BASED EPOXY	-	COPON HCYOTE EAS WB COLOUR: WARNING YELLOW
	A	E	SILICONE SEALANT	258-5979	LOCITITE 5368 - RS PART No.
	A	D	UNIAL JOINTING COMPOUND	-	WWW.OVERHEADLINE FITTINGS.CO.UK
	AR	C	ZINC PRIMER	RUS-775-2120H	CROMWELL
	1	B	GPS PATCH ANTENNA C/W LOCKNUT	-	SIRETCA TANGO 20
	1	A	VHF WHF ANTENNA ASSEMBLY	ML9-UHF	PANORAMA ANTENNAS
		X	01 AS TITLE	00077-01	COMPRISING ABOVE ITEMS
QUANTITY	ITEM NO.		DESCRIPTION	CAT./PART NO.	MATERIAL SPECIFICATION ETC

M U L T I P U L S E

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Woking, Surrey GU21 3BA

P1	14.01.15	P. ELSEY	R BEDDOW	M HOPTROFF		
ISSUE	DATE	DRAWN	CHECKED	ENDORSED	APPROVED	
TITLE						DRAWING No. MP-C0-00077 PROJECT No. E012507 SCALE @ A0 1:10
VHS WHIP AND GPS ANTENNAS CAB TYPES 1 & 2 CLASS 37 RETB						