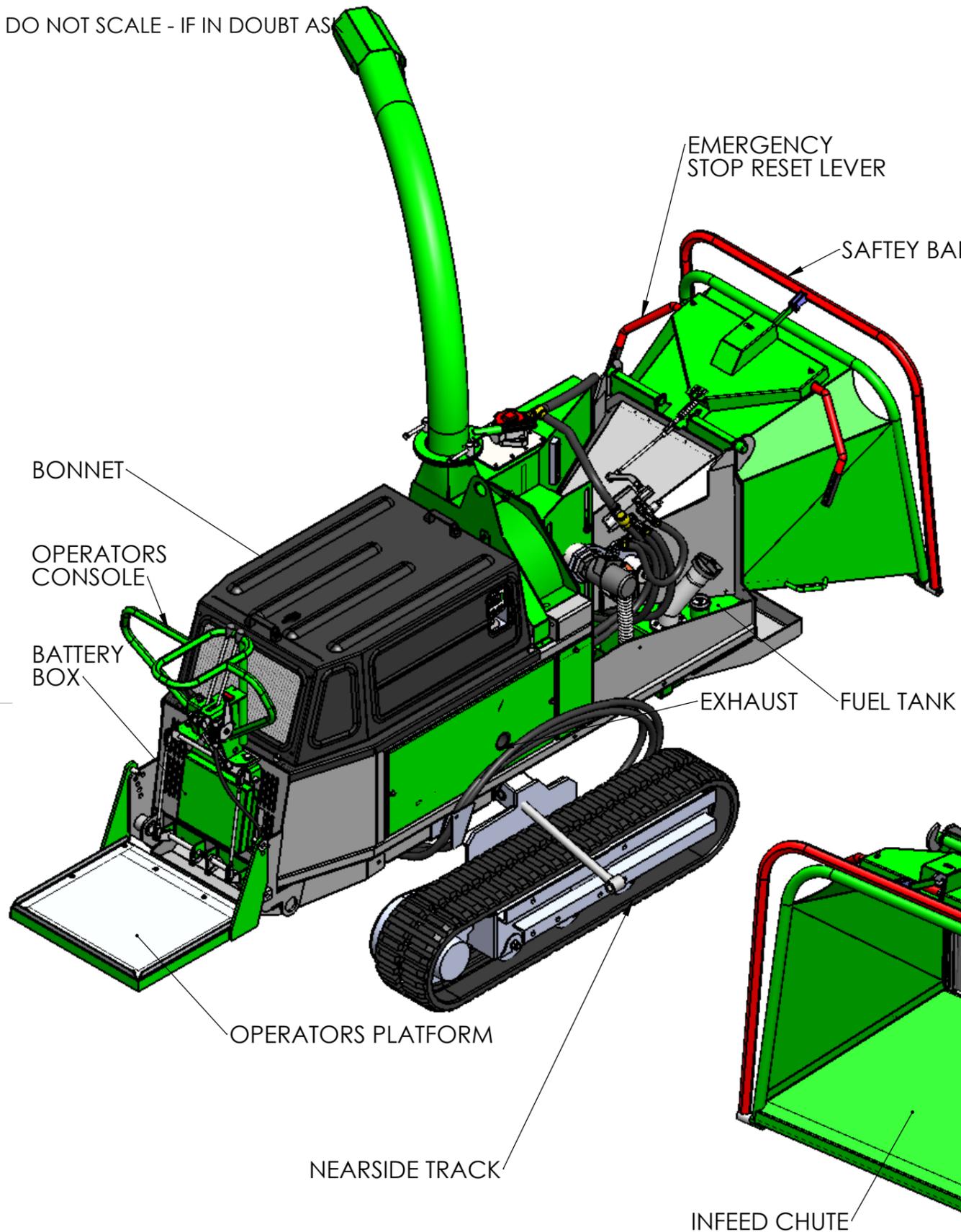
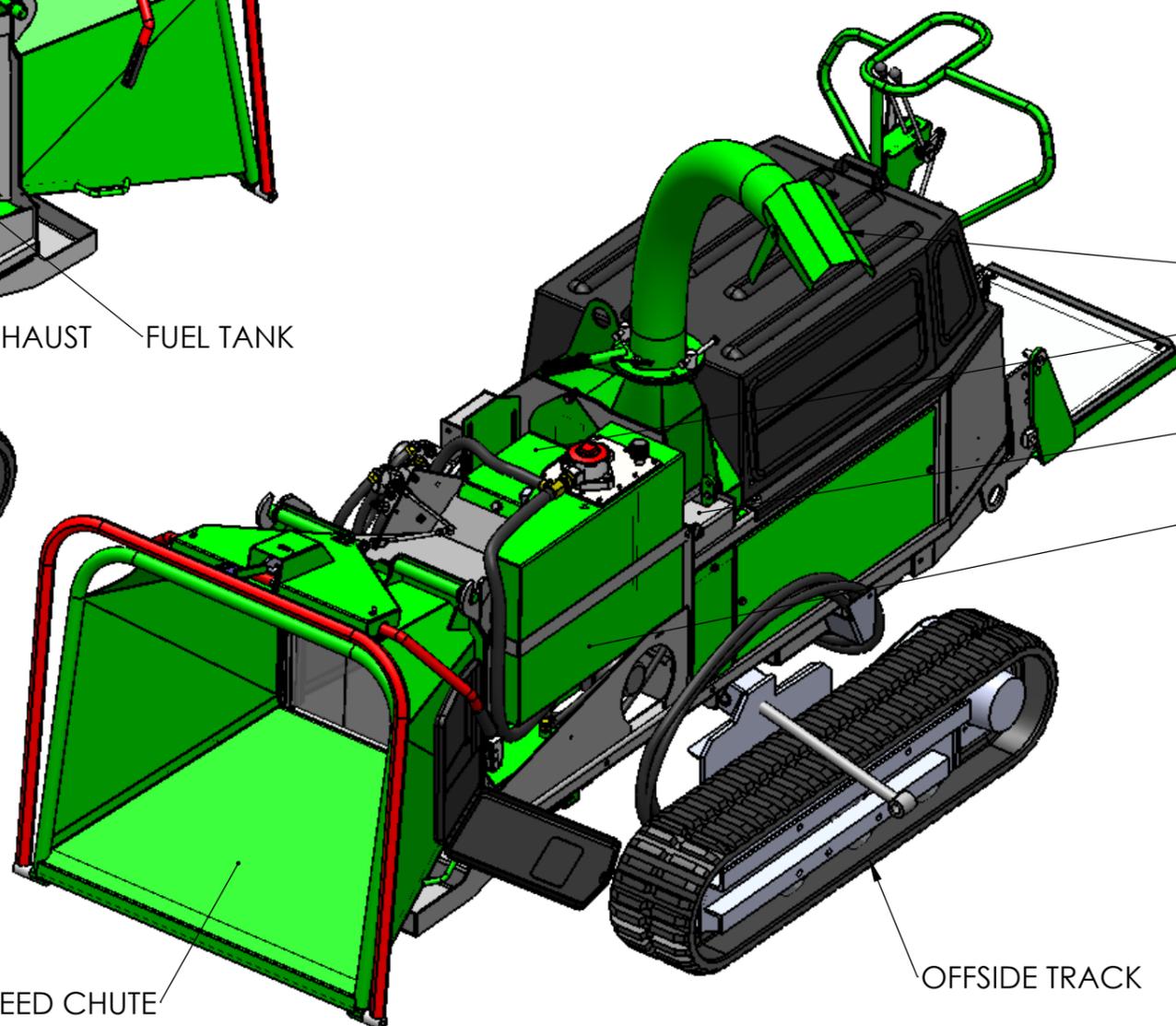


DO NOT SCALE - IF IN DOUBT ASK



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CHASSIS	4	FUEL TANK	12
CHIPPER CHAMBER	5	HYDRALICS AND TRACKS	13-15
ROLLER BOX	6	HYDRALIC CIRCUIT	16
BOTTOM ROLLER	7	ELEC TRICAL CIRCUIT	17-18
INFEED CHUTE	8		



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 Alcester
 Warks B49 5QG Tel 01789 400044
 COPYRIGHT GREENMECH LTD

TITLE:
1623ST MAIN ASSEM EXPLODED

DRAWN	JWG	DATE	19/11/2015	SHEET 1 OF 1

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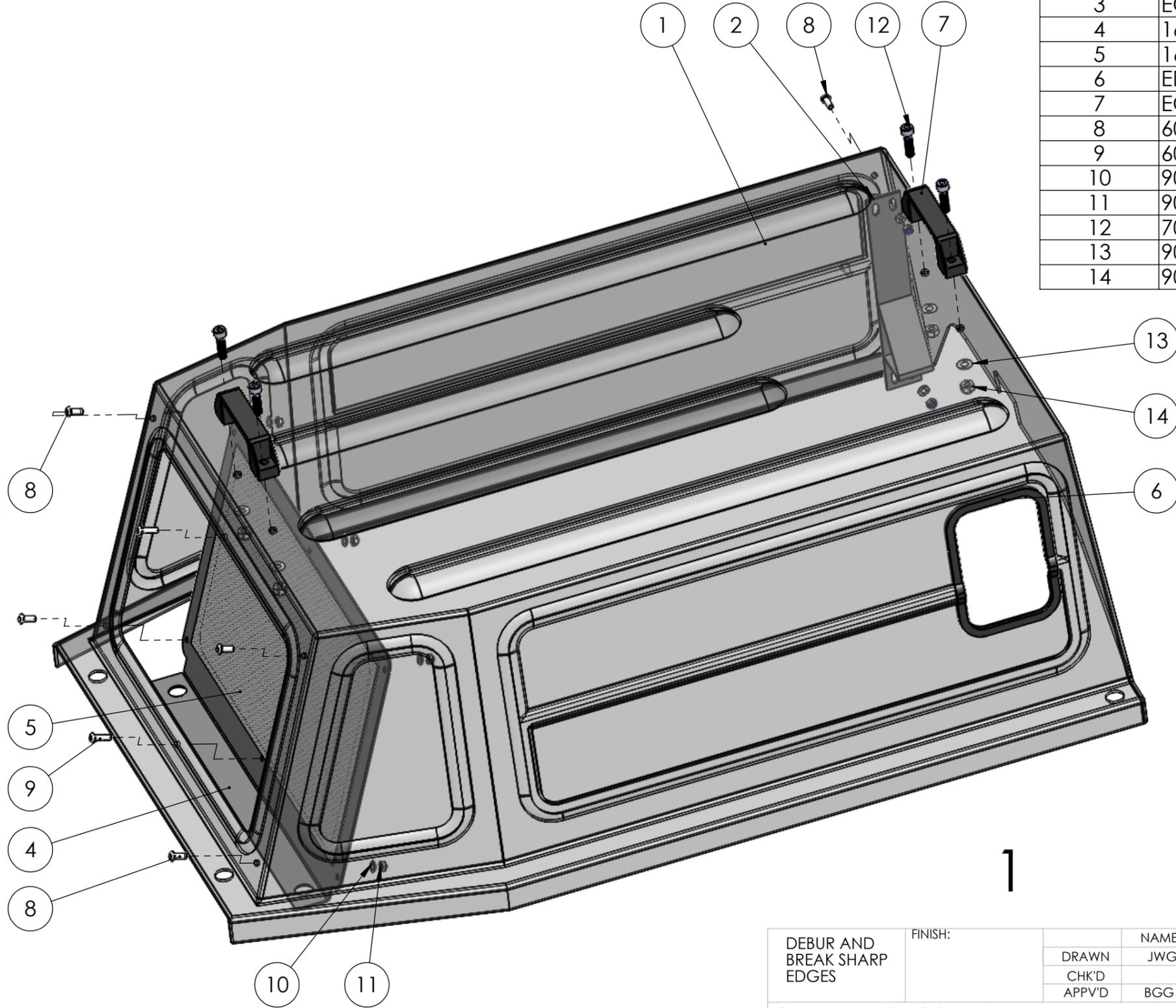
DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EC151011	PLASTIC MOULD	1
2	EC35-1-57	STRIKER SWITCH PLATE	1
3	EC35-1-56	STRIKER PLATE	1
4	1623ST-1-50	FRONT SCREEN PANEL	1
5	1623ST-1-51	FRONT PANEL MESH	1
6	EDGING STRIP	TRIM	1
7	EC150012	BONNET HANDLE	2
8	60615	M6x25 Button head	6
9	60620	M6x25 Button head	2
10	90602	M6 flat washer	8
11	90601	NYLOC NUT	8
12	70830	CH BOLT	4
13	90802	FLAT WASHER	4
14	90801	NYLOC NUT	4



DEBUR AND BREAK SHARP EDGES	FINISH:	NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
		DRAWN	JWG	01/12/2015		MACHINED PARTS	FABRICATED PARTS	1
		CHK'D				LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
		APPV'D	BGG			ANGULAR: 0.25°	ANGULAR: 0.5°	
GreenMech Ltd The Mill Industrial Park Kings Coughton Alcester Warks B49 5QG Tel 01789 400044 COPYRIGHT GREENMECH LTD		MATERIAL & THICKNESS:		TITLE: BONNET FAB				
		WEIGHT:	JIG NO:	DWG NO.		1623ST-1-102		A3
				SCALE:1:20		SHEET 1 OF 1		

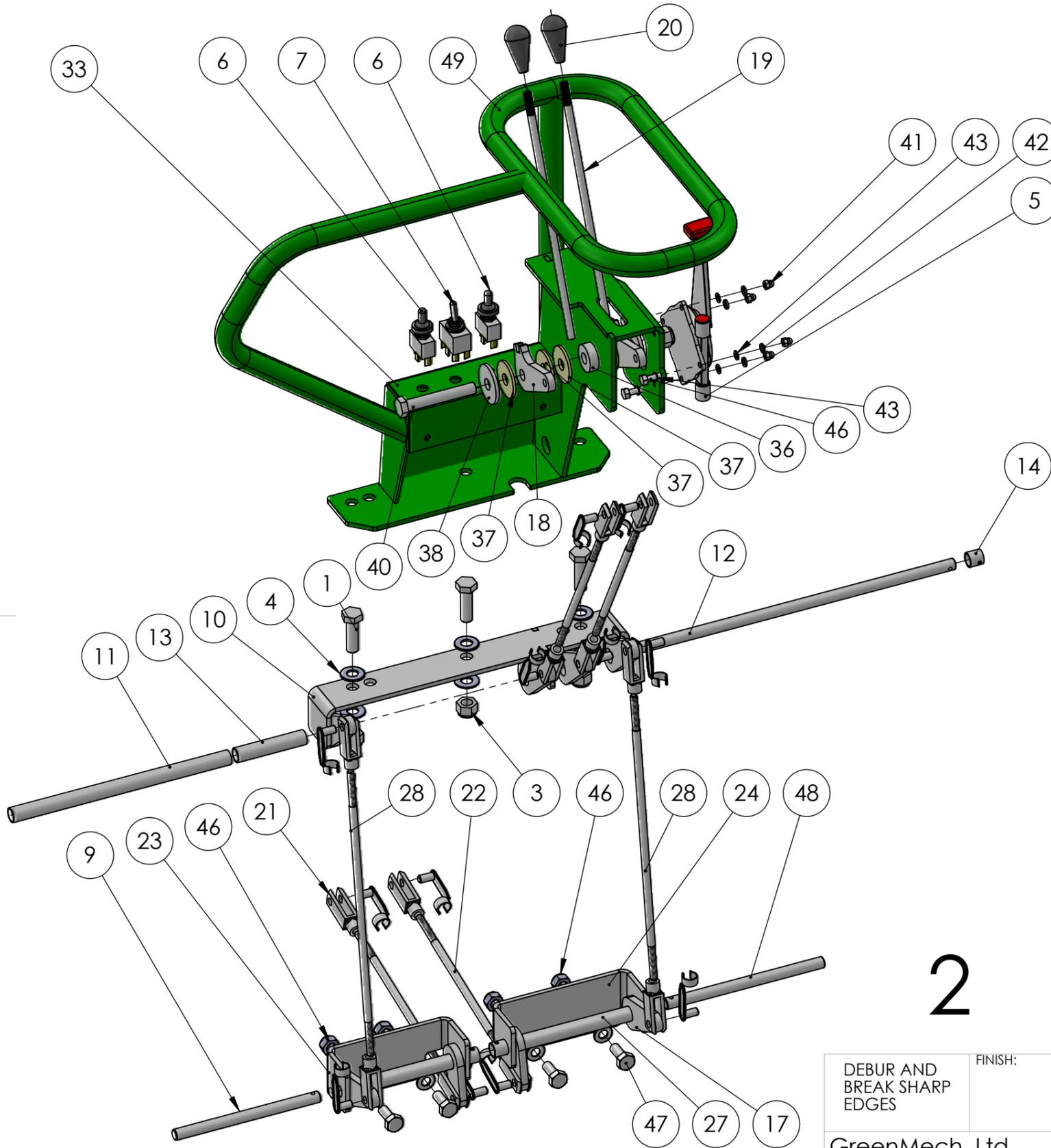
REV	MODIFICATION	ORIGINATOR	DRAWN	DATE
1				
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3				

DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	91240	M12 BOLT 40mm long	3
2	M6 HANK	HANKBUSH	2
3	91201	NYLOC NUT	3
4	91202	FLAT WASHER	6
5	ST20004	THROTTLE LEVER	1
6	T-I-O SWITCH	electric switch	2
7	S460714-2	TRACK/CHIP SWITCH QUADTRAK ONLY	1
9	ST1928-1-122	PIVOT PIN	1
10	ST1928-1-54	PIVOT BKT	1
11	ST1928-1-119	PIVOT TUBE	1
12	ST1928-1-120	PIVOT PIN	1
13	ST1928-1-116	PIVOT TUBE	1
14	ST1928-1-52-1	FIXING TUBE	3
15	ST1928-1-128	FIXING SPLIT PIND7	1
16	ST1928-1-54-1	SPINDLE SUPPORT	1
17	ST1928-1-59	60MM BELL CRANK	6
18	ST1928-1-62	OFFSIDE LEVER	2
19	ST1928-1-61-1	LEVER ROD	2
20	ST1928-1-127	LEVER KNOB	2
21	LONG CLEVIS	LONG CLEVIS	12
22	ST1928-1-124	TOP LINK ROD	4
23	ST1928-1-52	NS LINK BKT	1
24	ST1928-1-53	OS LINK BKT	1
25	ST1928-1-117	PIVOT TUBE	1
26	ST1928-1-60	40MM BELL CRANK	2
27	ST1928-1-118	PIVOT TUBE	1
28	ST1928-1-123	CENTRE LINK ROD	2
29	LONG CLEVIS PIN	long clevis pin	12
30	ST220-1-126	mounting plate	1
31	1623ST-1-82	THROTTLE BKT OP	1
32	ST1928-1-81	THROTTLE BKT	1
33	EC35ST-1-105	SWITCH CONSOLE	1
34	ST220-1-143	SWITCH BKT	1
36	ST1928-1-79	LEVER SPACER	2
37	91202N	M12 nylon washer	5
38	91202-R	M12 LARGE WASHER	2
39	91201	NYLOC NUT	1
40	91280	M12X80 HEX HD BOLT	1
41	90501 domed	M5 cap nut	4
42	90503	M5 S/WASHER	4
43	90502	FLAT WASHER	8
45	91002	FLAT WASHER	8
46	90620	M6 bolt 20mm long	4
46	91001	NYLOC NUT	4
47	91025	M10 X 25 SET	4
48	ST1928-1-121	PIVOT PIN	1
49	1623st-1-80	CONSOLE	1

2

DEBUR AND BREAK SHARP EDGES	FINISH:	NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
		DRAWN	JWG	01/12/2015		MACHINED PARTS	FABRICATED PARTS	1
		CHK'D				LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
	APPV'D	BGG				ANGULAR: 0.25°	ANGULAR: 0.5°	
GreenMech Ltd The Mill Industrial Park Kings Coughton Alcester Warks B49 5QG Tel 01789 400044 COPYRIGHT GREENMECH LTD		MATERIAL & THICKNESS:	TITLE: controls exploded view 1623ST					
REV	MODIFICATION	ORIGINATOR	DRAWN	DATE	WEIGHT:	JIG NO:	DWG NO.	A3
1					2699.86g		controls^1623ST	
							SCALE:1:20	SHEET 1 OF 1

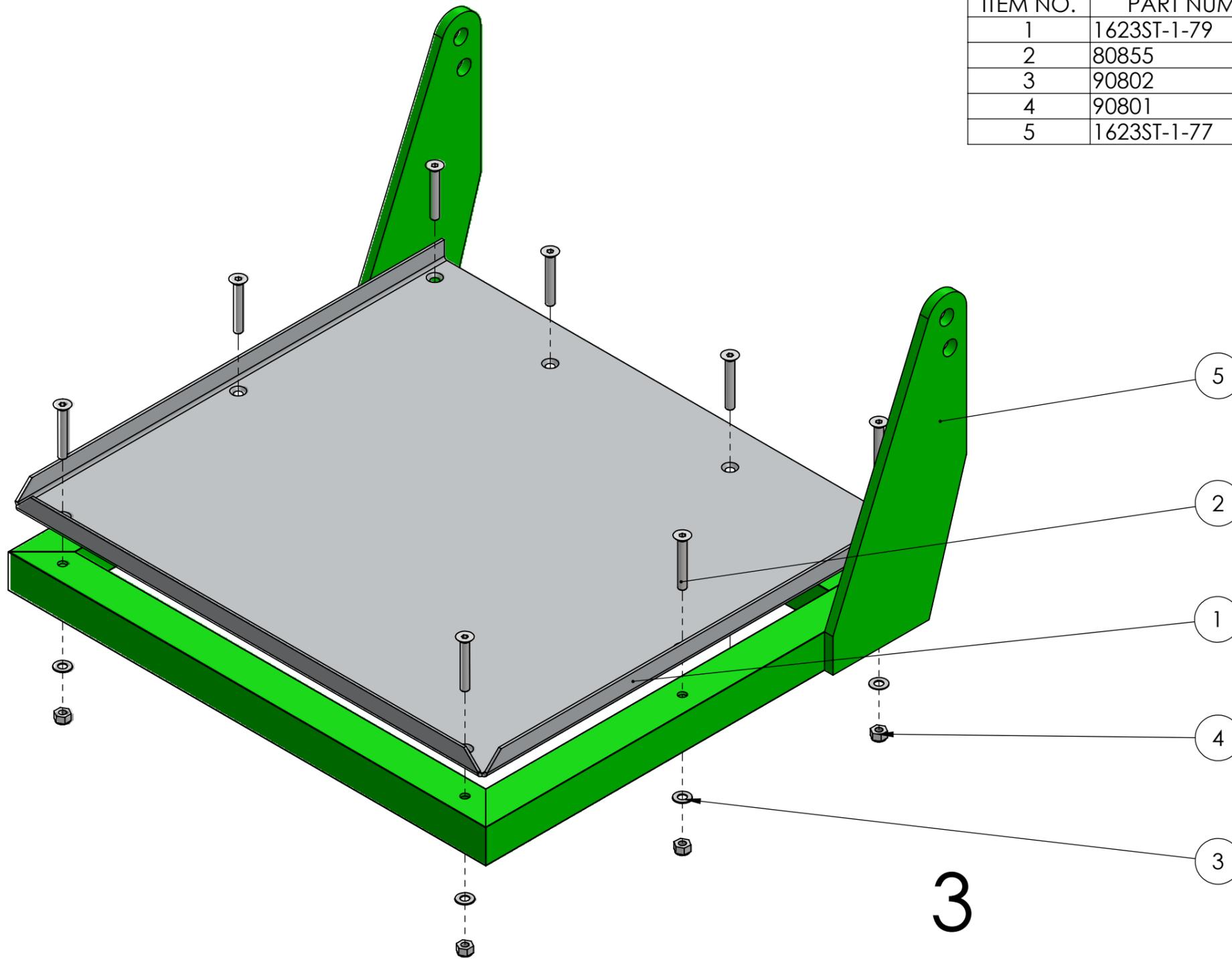
DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1623ST-1-79	PLATFORM PLATE	1
2	80855	C/S HD BOLT	8
3	90802	FLAT WASHER	8
4	90801	NYLOC NUT	8
5	1623ST-1-77	PLATFORM FAB	1



3

DEBUR AND BREAK SHARP EDGES	FINISH:	NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.	
		DRAWN	JWG	30/11/2015		MACHINED PARTS	FABRICATED PARTS		
		CHK'D				LINEAR: 0.25mm	LINEAR: +/- 1.0mm		
		APPV'D	BGG			ANGULAR: 0.25°	ANGULAR: 0.5°		
GreenMech Ltd The Mill Industrial Park Kings Coughton Alcester Works B49 5QG Tel 01789 400044 COPYRIGHT GREENMECH LTD			MATERIAL & THICKNESS:		TITLE:				
REV		MODIFICATION	ORIGINATOR	DRAWN	DATE	WEIGHT:	JIG NO:	DWG NO:	A3
1						g		1623ST-FOOTPLATE ASSEM	
						SCALE:1:10	SHEET 1 OF 1		

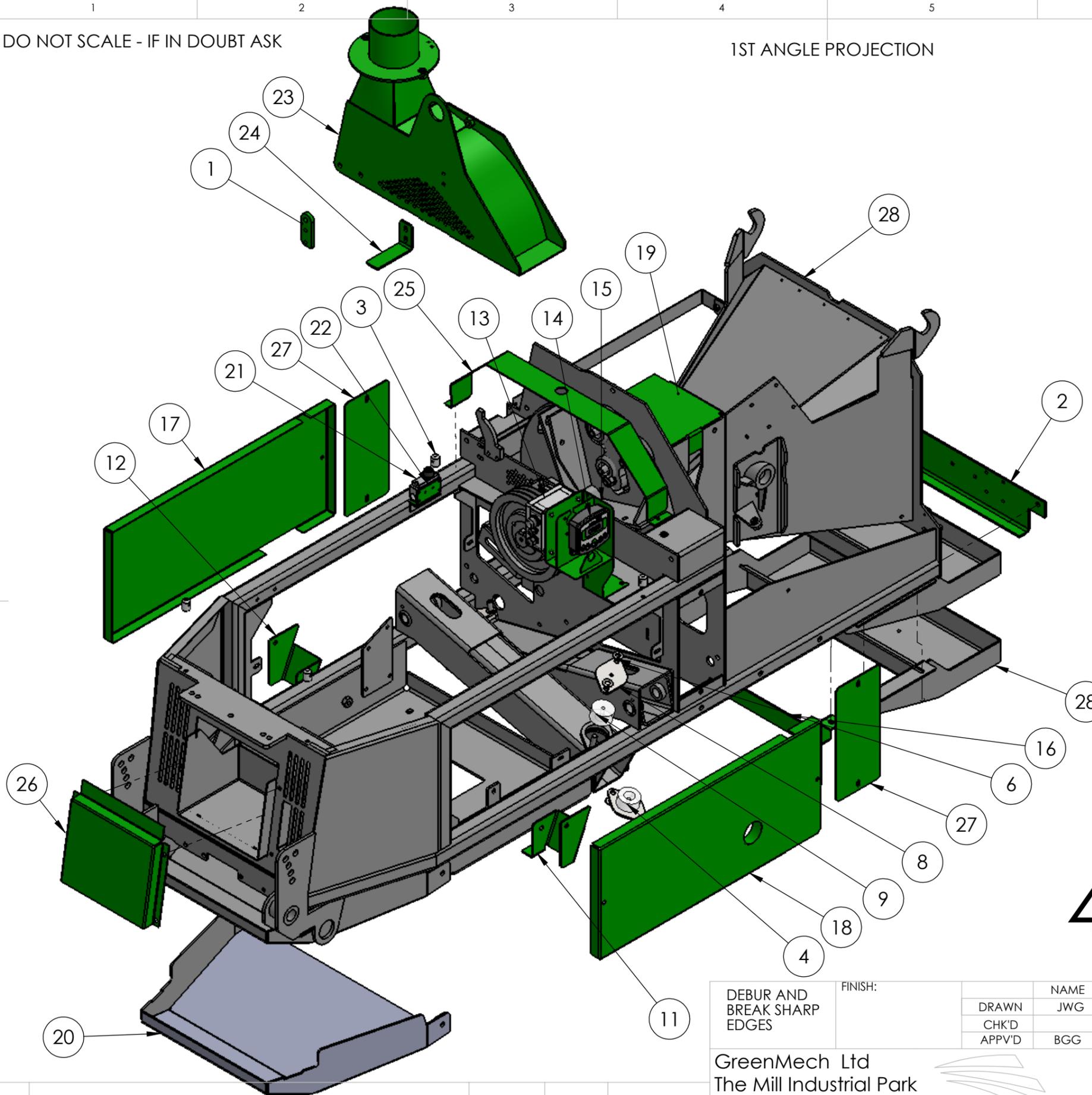
REV	MODIFICATION	ORIGINATOR	DRAWN	DATE
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DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-

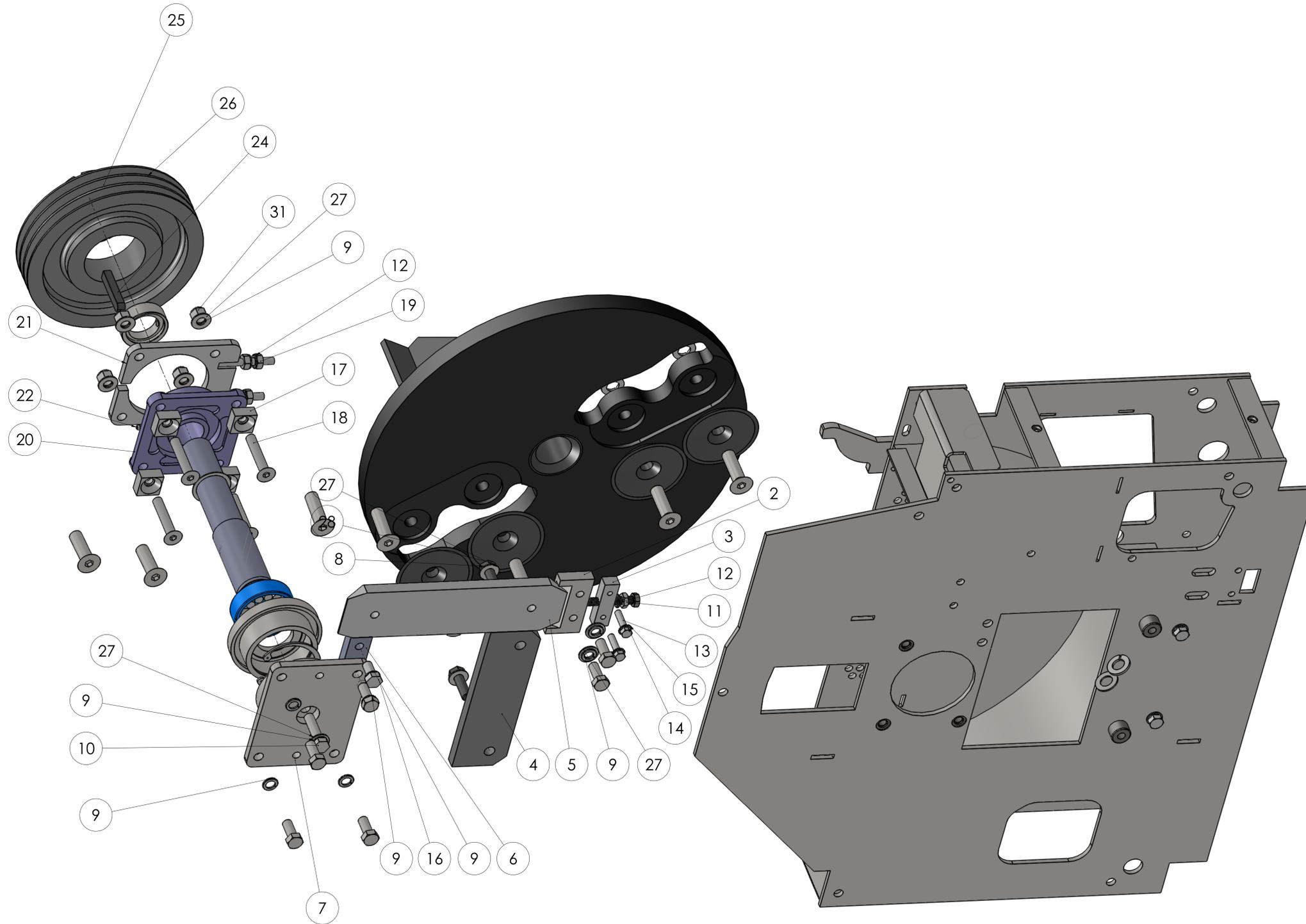


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EC35CM-2-70	C/C PIVOT	1
2	1623ST-1-53	TANK BRK WINCH HOLES	1
3	EC1928-2-80	BONNET PIN	4
4	1623ST-1-125	WEAR PAD 22MM	2
6	91202	FLAT WASHER	8
8	1623ST-1-121	WEAR PAD HOLDER	4
9	1623ST-1-123	WEAR PAD 27MM	2
11	1623ST-1-111	HOSE GUIDE	1
12	1623ST-1-111 OH	HOSE GUIDE OPP HAND	1
13	QC160-6-1040	RDS JUNCTION BOX	1
14	QC160-6-1028	RDS UNIT	1
15	1623ST-1-104	RDS BRACKET	1
16	1623ST-1-54	Fuel Tank Front Strap	1
17	1623ST-1-45	SIDE PANEL	1
18	1623ST-1-44	SIDE PANEL WITH EXHAUST	1
19	1623MT-3-10	ROLLER BOX COVER	1
20	1623ST-1-55	SUMP GUARD	1
21	C200206	MICROSWITCH	2
22	EC150037	M/SWITCH BKT	1
23	1623ST-2-20	CH CHAMBER UPPER FAB	1
24	1623ST-1-38	BONNET SUPPORT	1
25	1623ST-1-37	BONNET INFILL	1
26	1623MT-1-33	BATTERY COVER	1
27	1623ST-1-511	SIDE INFILL	2
28	chassis fab	CHASSIS FABRICATION	1

4

DEBUR AND BREAK SHARP EDGES	FINISH:	NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
		DRAWN	JWG	04/01/2016		MACHINED PARTS	FABRICATED PARTS	1
		CHK'D				LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
		APPV'D	BGG			ANGULAR: 0.25°	ANGULAR: 0.5°	
GreenMech Ltd The Mill Industrial Park Kings Coughton Alcester Warks B49 5QG Tel 01789 400044 COPYRIGHT GREENMECH LTD		MATERIAL & THICKNESS:		TITLE: MAIN CHASSIS				
WEIGHT:	JIG NO:	DWG NO.		main chassis 1623ST			A3	
g				SCALE:1:50			SHEET 1 OF 1	

REV	MODIFICATION	ORIGINATOR	DRAWN	DATE
1				
2				
3				



1	CM170-2-33	SHEARBAR POCKET	1
2	CM170-2-32	SHEARBAR CLAMP	1
3	C170-2-37	SHEARBAR LOCK	1
4	EC130-2-27	HORIZONTAL SHEARBAR	1
5	EC35-2-43	VERTICAL SHEARBAR	1
6	1623ST-2-28	TOP SEMI SHEARBAT	1
7	EC130-2-22	BEARING HOUSING	1
9	91203	SPRING WASHER	14
10	91250	HEX HEAD BOLT	1
11	91001PT	PLAIN NUT	1
12	91004	SHAKEPROOF WASHER	7
13	90835	HEX HEAD BOLT	2
14	90803	SPRING WASHER	2
15	90802	FLAT WASHER	2
16	91225 FINE	M12 X 25 X 1.25 PITCH	1
17	EC35-2-58	BEARING BOLT BLOCK	4
18	81270	C/SUNK HEAD SET	4
19	91001P	M10 plain nut	6
20	EC150002	SF40 BEARING	1
21	EC35-2-40	BEARING ADJUSTER PLATE	1
22	GNM6L	LONG M6 GREASE NIPPLE	1
23	1623ST-2-50	FLYWHEEL	1
24	K121066	KEY	1
25	EC150013	TAPERLOCK BUSH	1
26	ECM151004	TAPERLOCK PULLEY	1
27	91202	FLAT WASHER	9
28	91240	HEX HD BOLT	2
29	91230	HEX HD BOLT	6
30	91045	HEX HD BOLT	2
31	91201	NYLOC NUT	4
32	EC150028	ECO 4 CUTTER FLYWHEEL	1
33	91002	FLAT WASHER	4
34	91003	SPRING WASHER	2
35	91001	NYLOC NUT	2
36	91035	HEX HD BOLT	2
35	91065	HEX HEAD BOLT	1

5

REV	MODIFICATION	ORIGINATOR	DRAWN	DATE

DEBUR AND BREAK SHARP EDGES
FINISH:
DRAWN BGG
CHK'D BGG
APP'VD BGG

NAME BGG
DATE 13/03/2015
QUANTITY
OPP HAND
UNSPECIFIED TOLERANCES
MACHINED PARTS
FABRICATED PARTS
LINEAR: 0.25mm
ANGULAR: 0.25°
LINEAR: +/- 1.0mm
ANGULAR: 0.5°

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MATERIAL & THICKNESS: TITLE:
WEIGHT: JIG NO: DWG NO: 1623ST-2-1
SCALE: 1:10 SHEET 1 OF 1

Chipper Chamber Lower Fab

A0

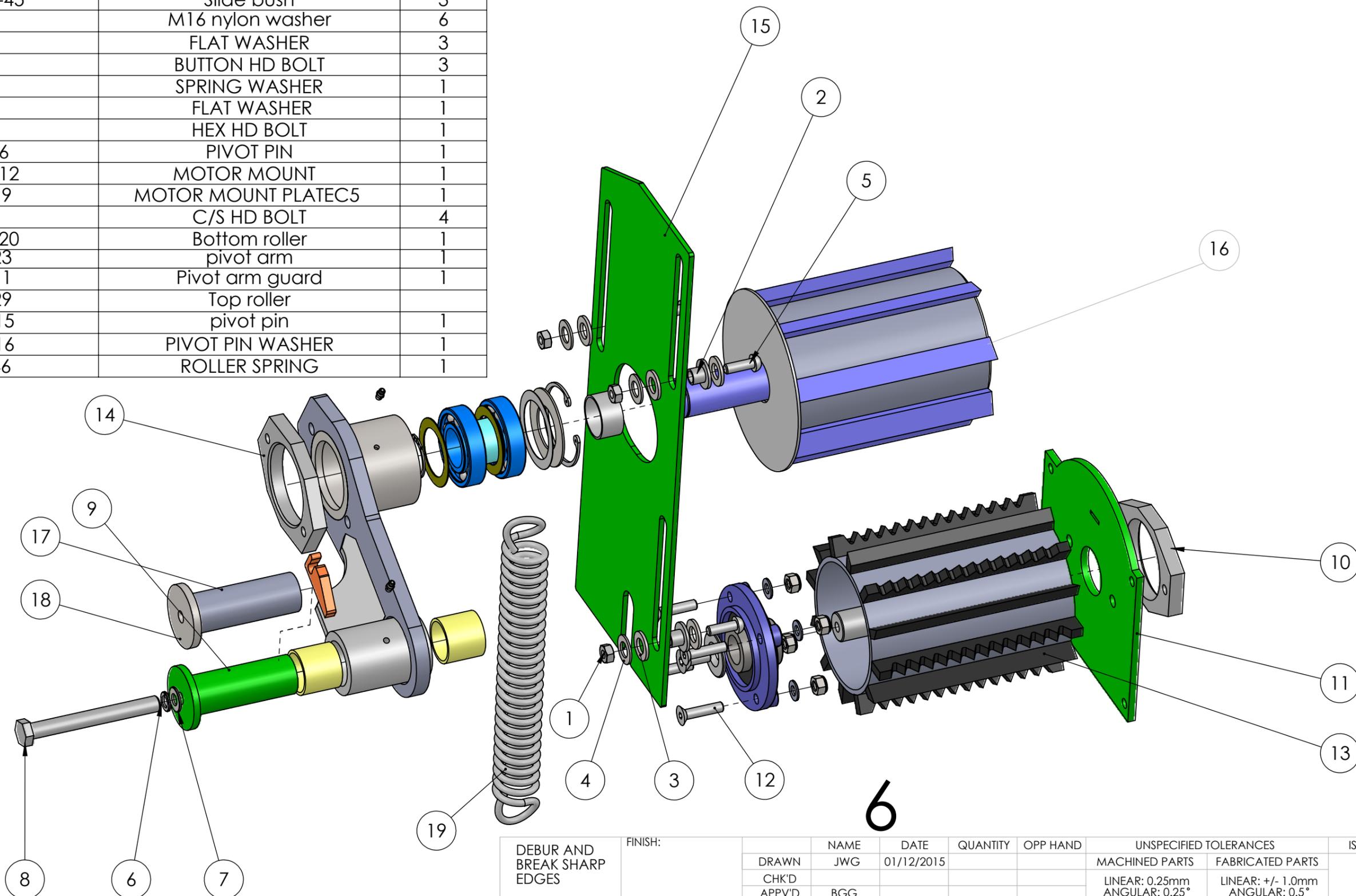
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1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	91001	M10 plain nut	3
2	CM170-3-45	Slide bush	3
3	91602B	M16 nylon washer	6
4	91602B	FLAT WASHER	3
5	61030	BUTTON HD BOLT	3
6	91203	SPRING WASHER	1
7	91202	FLAT WASHER	1
8	912140	HEX HD BOLT	1
9	ec1500306	PIVOT PIN	1
10	CM170-3-12	MOTOR MOUNT	1
11	EC130-3-19	MOTOR MOUNT PLATEC5	1
12	81045CS	C/S HD BOLT	4
13	CM220-3-20	Bottom roller	1
14	EC130-3-23	pivot arm	1
15	EC130-3-11	Pivot arm guard	1
16	EC130-3-29	Top roller	1
17	1623ST-3-15	pivot pin	1
18	1623ST-3-16	PIVOT PIN WASHER	1
19	ec130-3-46	ROLLER SPRING	1



DEBUR AND BREAK SHARP EDGES	FINISH:	NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
		DRAWN	JWG	01/12/2015		MACHINED PARTS	FABRICATED PARTS	1
		CHK'D				LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
		APPV'D	BGG			ANGULAR: 0.25°	ANGULAR: 0.5°	
GreenMech Ltd The Mill Industrial Park Kings Coughton Alcester Warks B49 5QG Tel 01789 400044 COPYRIGHT GREENMECH LTD		MATERIAL & THICKNESS:		TITLE: 1623ST ROLLERBOX ASSEM				
REV	MODIFICATION	ORIGINATOR	DRAWN	DATE	WEIGHT:	JIG NO:	DWG NO:	A3
1							1623ST ROLLERBOX ASSEM	
							SCALE:1:10	SHEET 1 OF 1

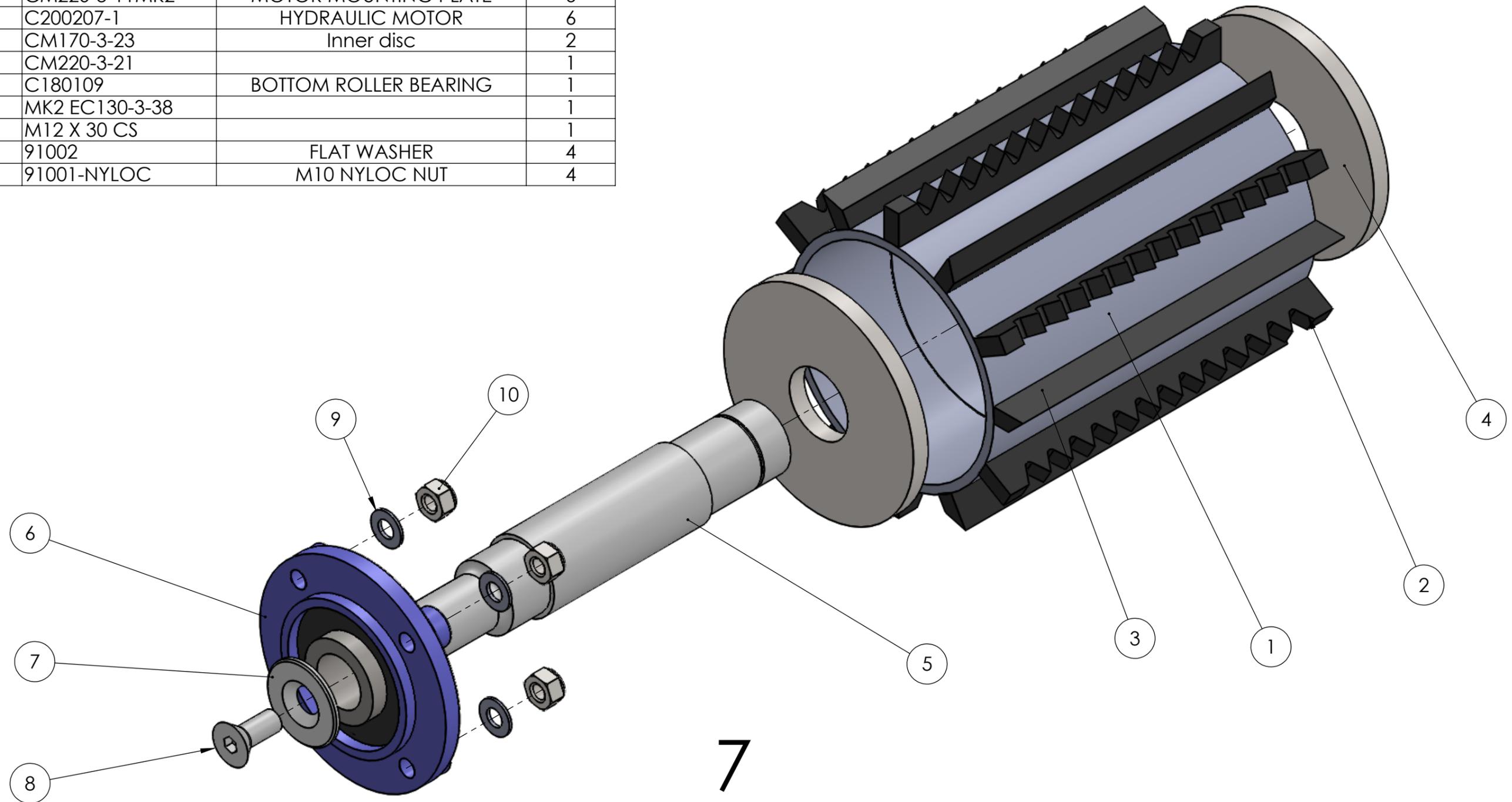
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1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CM220-3-20 MK2	BOTTOM ROLLER MK2	1
2	CM220-3-11MK2	MOTOR MOUNTING PLATE	6
3	C200207-1	HYDRAULIC MOTOR	6
4	CM170-3-23	Inner disc	2
5	CM220-3-21		1
6	C180109	BOTTOM ROLLER BEARING	1
7	MK2 EC130-3-38		1
8	M12 X 30 CS		1
9	91002	FLAT WASHER	4
10	91001-NYLOC	M10 NYLOC NUT	4



DEBUR AND BREAK SHARP EDGES	FINISH:	NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
		DRAWN	JWG	01/12/2015		MACHINED PARTS	FABRICATED PARTS	
		CHK'D				LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
		APPV'D	BGG			ANGULAR: 0.25°	ANGULAR: 0.5°	
GreenMech Ltd The Mill Industrial Park Kings Coughton Alcester Warks B49 5QG Tel 01789 400044 COPYRIGHT GREENMECH LTD			MATERIAL & THICKNESS:		TITLE: Bottom roller			
WEIGHT:		JIG NO:		DWG NO.		bottom roller		A3
g						SCALE:1:10		SHEET 1 OF 1

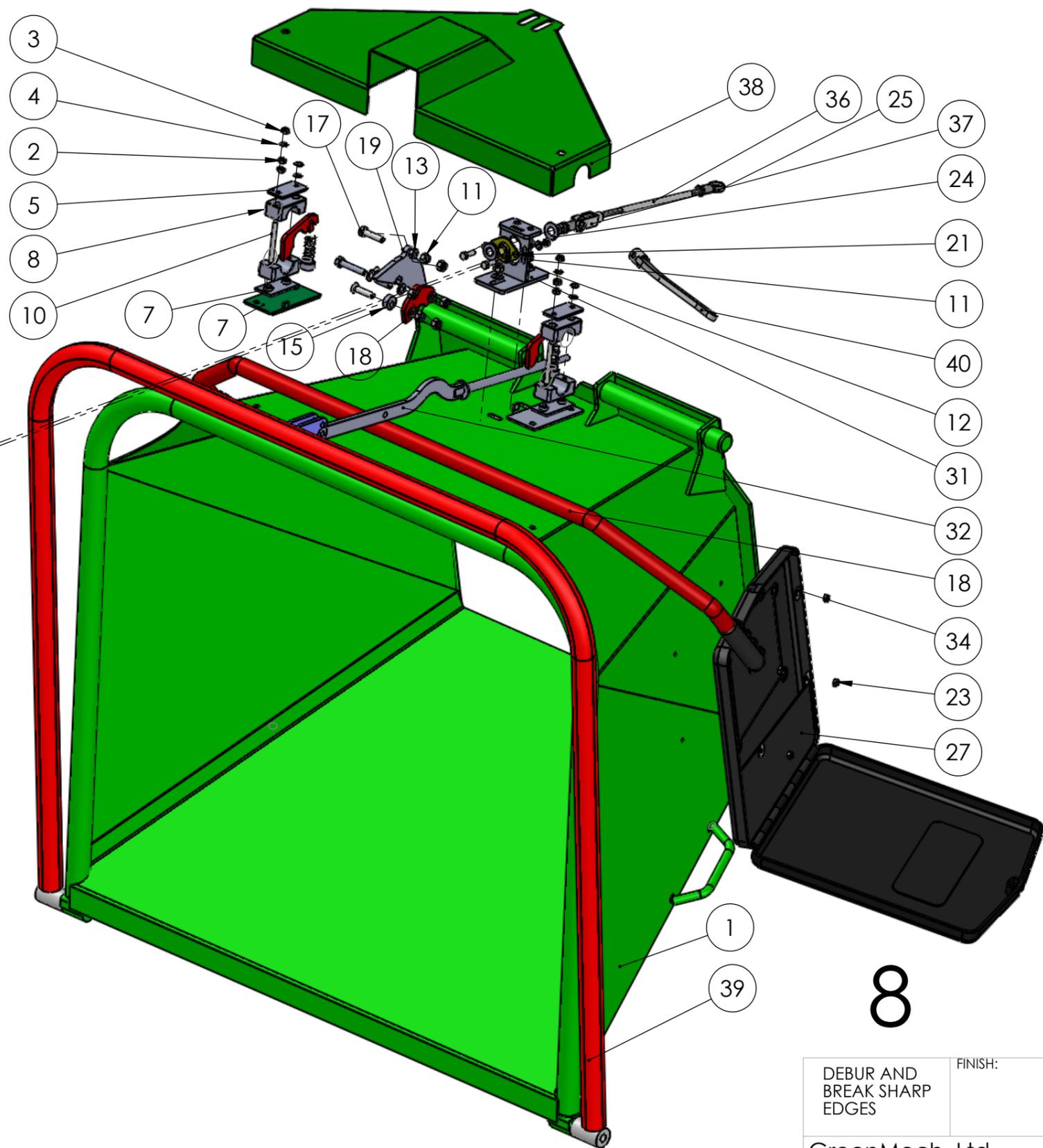
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2				
3				

DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1623ST-4-1	INFEED CHUTE FAB	1
2	90601-p	M6 plain nut	4
3	90601	M6 NYLOC NUT	2
4	90602	FLAT WASHER	4
5	EC130-4-37	Top plate	2
6	EC130-4-18L	MOUNTING PLATE L	1
7	EC130-4-18R	MOUNTING PLATE R	1
8	EC130-4-30	Release bar bearing	4
9	EC130-4-32	Release bar spring	2
10	90665STUD	M6 65mm STUD	2
11	90601	M6 NYLOC	8
12	90802	FLAT WASHER	6
13	90801P	M8 PLAIN NUT	2
14	80825	M8 x 25mm C/SUNK	1
15	EC130-4-43	Cam	1
16	80835	C/S HD BOLT	1
17	90835	HEX HEAD BOLT	1
18	EC130-4-13	RELEASE BARD6	1
19	EC130-4-20	Latch plate	1
20	EC130-4-29	SPACERD6	1
21	EC1523451	SWIVEL BALL ASSEM	1
22	90620	M6 bolt 20mm long	2
23	90601	NYLOC NUT	6
24	91202	FLAT WASHER	3
25	C25222	M8 Rose joint	2
27	C170409	PLASTIC DOCUMENT CASE	1
28	90840	M8 x 40 bolt	1
29	90602	M6 flat washer	4
30	60820	BUTTON HD BOLT	2
31	EC130-4-48	MK2 Slide rod mount	1
32	EC130-4-25A	SLIDE ROD FAB	1
33	90603	M6 S/WASHER	2
34	90602	M6 x 25mm WASHER	4
35	60615	M6x25 Button head	4
36	ST1928-1-124	TOP LINK ROD	1
37	LONG CLEVIS	LONG CLEVIS	1
38	EC130-4-40F	COVER	1
39	1623ST-4-10	CONTROL BAR	1
40	EC130-4-06-1	VALVE LEVER FAB	1

DEBUR AND BREAK SHARP EDGES	FINISH:	NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
		DRAWN	JWG	02/12/2015		MACHINED PARTS	FABRICATED PARTS	1
		CHK'D				LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
		APPV'D	BGG			ANGULAR: 0.25°	ANGULAR: 0.5°	

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 Alcester
 Works B49 5QG Tel 01789 400044
 COPYRIGHT GREENMECH LTD

MATERIAL & THICKNESS: TITLE:
INFEED EXPLODED ASSEM 1623ST
 WEIGHT: g JIG NO: DWG NO: **infeed chute^1623ST** A3
 SCALE:1:20 SHEET 1 OF 1

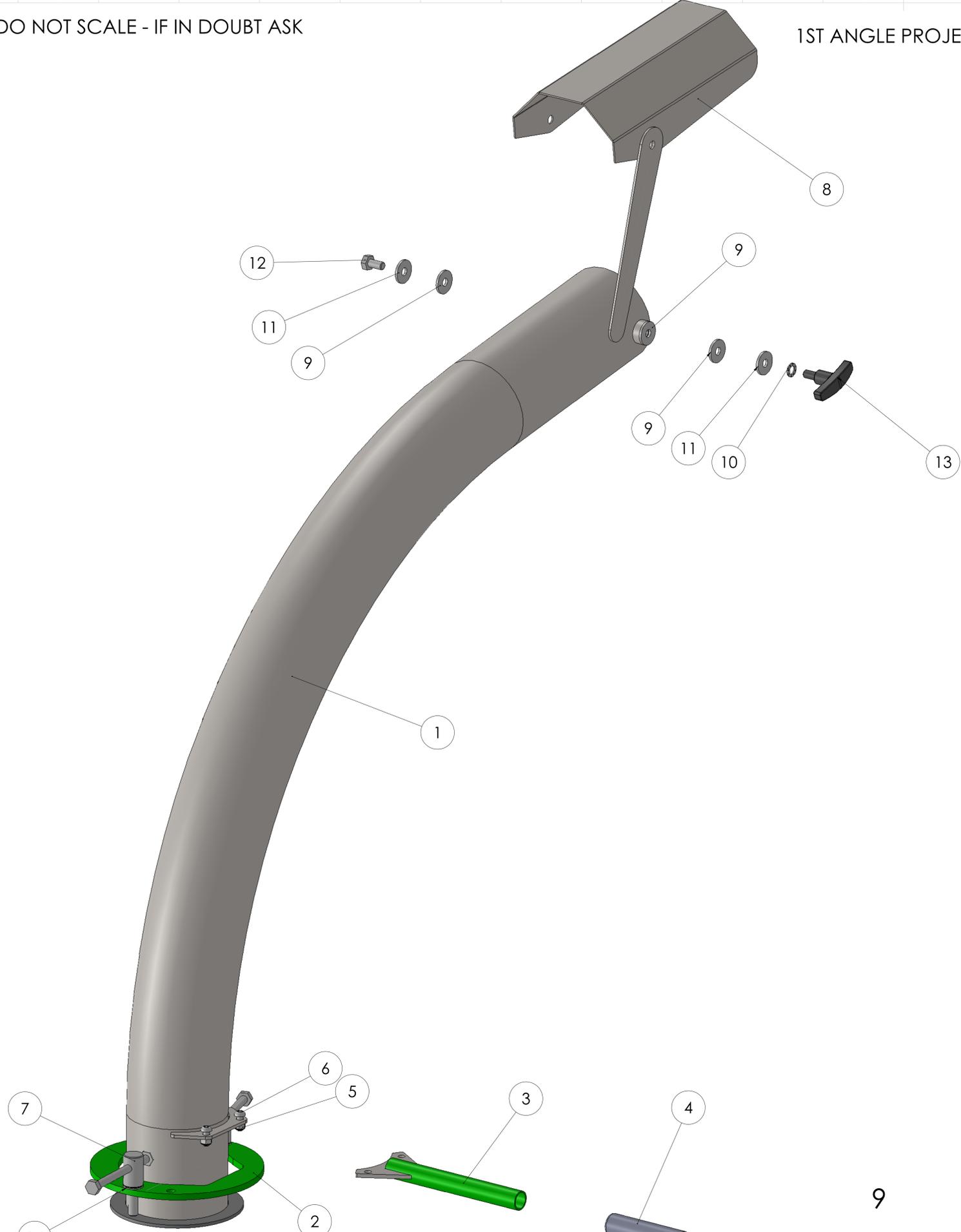
REV	MODIFICATION	ORIGINATOR	DRAWN	DATE	6	7	8
1							
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DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-

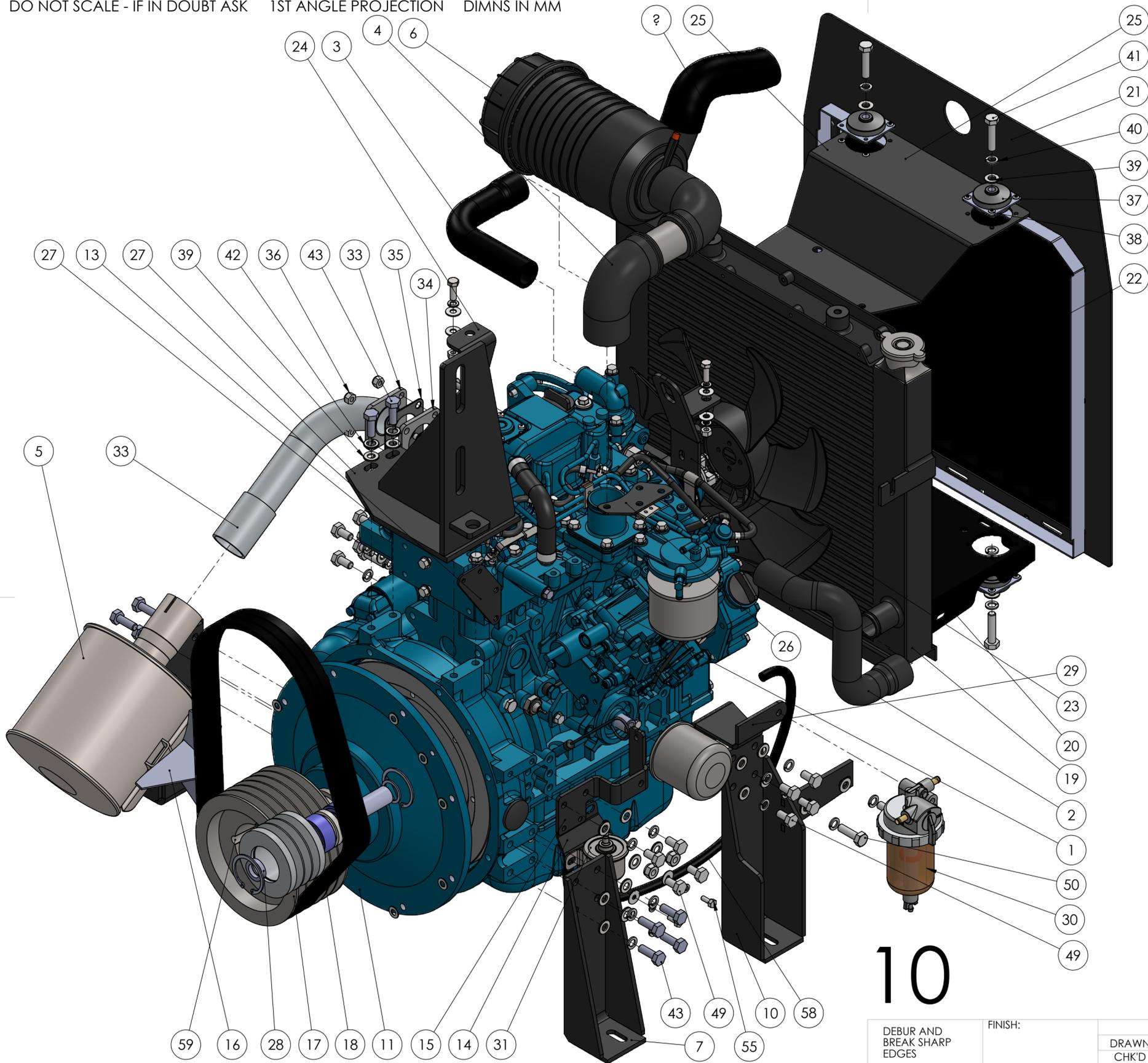


ITEM NO.	PART NUMBER	NEW PART NUMBER	Description	QTY.
1	EC15005-1-F	102050020	DISCHARGE CHUTE FAB	1
2	ARB150-5-04	302050005	DISCHARGE CLAMP RING	1
3	ARB150-5-05	302050006	CHUTE HANDLE ASSY	1
4	9227	900900303	PLASTIC HANDLE	1
5	90801	90801	M8 Nyloc nut	2
6	60820	60820	BUTTON HD BOLT	2
7	C200613	104020010	CLAMP BOLTS	2
8	ARB150-5-03	3020500004	FLAP FABRICATION	1
9	91002-N	91002-N	NYLON WASHER	4
10	91004	91004	SHAKEPROOF WASHER	1
11	91002-R	91002-R	LARGE WASHER	2
12	91020	91020	HEX HD BOLT	1
13	C180104	900900302	TEE HANDLE	1
14	91202	91202	FLAT WASHER	2

REV	MODIFICATION	ORIGINATOR	DRAWN	DATE

DEBUR AND BREAK SHARP EDGES	FINISH:	NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
		DRAWN	BGG	12/01/2016		MACHINED PARTS	FABRICATED PARTS	
		CHK'D	BGG			LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
	APP'VD					ANGULAR: 0.25°	ANGULAR: 0.5°	
GreenMech Ltd The Mill Industrial Park Kings Coughton Alcester Warks B49 5QG Tel 01789 400044 COPYRIGHT GREENMECH LTD						MATERIAL & THICKNESS:		TITLE: 1623ST DISCHARGE CHUTE
						WEIGHT:	JIG NO:	DWG NO: EC15005-1-F 1623ST
						g		AO
						SCALE: 1:10		SHEET 1 OF 1

DO NOT SCALE - IF IN DOUBT ASK 1ST ANGLE PROJECTION DIMNS IN MM



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	3ce1-bdzp5	3CEI ENGINE	1
2	EC35-6-66	RADIATOR PIPE	1
3	EC35-6-65	RADIATOR PIPE	1
4	SI20002	AIR FILTER PIPE ASSEM	1
5	1623ST-6-12	SILENCER	1
6	SI20003-2	AIR FILTER ELEMENT	1
7	1623ST-6-6 OFFSIDE	BACK OFFSIDE ENGINE MOUNT	1
8	1623ST-6-6 NEAR	BACK NEAR SIDE ENGINE MOUNT	1
9	1623ST-6-2 NEAR SIDE	FRONT NEAR SIDE ENGINE MOUNT	1
10	1623ST-6-2 OFFSIDE	FRONT OFFSIDE ENGINE MOUNT	1
11	EC151053 ref	DRIVESHAFT EXTENSION	1
12	ec35-6-64	SPACER	1
13	ec35-6-63	BKT	1
14	EC130-6-88	FUEL PUMP BKT	1
15	EC35-6-58MK2	THROTTLE CABLE BKT	1
17	STC1623103	6 GROOVE PULLEY	1
18	ECM 151005	BELT	3
19	EC151053	RADIATOR UNIT	1
20	ec35-6-45	RADIATOR MOUNT PLATE	1
21	1623MT-1-60	COLD COMPARTMENT	1
22	CM170-1-83	RAD SCREEN	1
23	ec35-6-60	AIR FILTER MOUNT BKT 1	1
24	EC35-6-59	AIR FILTER MOUNT BKT2	1
25	ec35-6-44	AIR FILTER MOUNT PLATE	1
26	1623ST-6-21	FUEL FILTER MOUNTING BKT	1
27	1623ST-7-12	PUMP MOUNTING BKT	1
28	EC35-6-42 MK2	TENSIONER PULLEY	1
29	1623ST-6-22	FUEL DRAIN BKT	1
30	fuel filter transparent	FUEL FILTER	1
31	Fuel pump	Kubota V2203	1
33	1623ST-6-9	EXHAUST ASSEM	1
34	1623ST-6-9-1	EXHAUST FLANGE	1
35	exhaust gasket	EXHAUST GASKET	2
36	90801	NYLOC NUT	10
37	SI-20015	LOWER RAD MOUNT	4
39	91002	FLAT WASHER	36
40	91003	SPRING WASHER	33
41	91045	HEX HD BOLT	4
42	91203	SPRING WASHER	4
43	91030	HEX HD BOLT	12
44	90820	HEX HD BOLT	2
45	90803	M8 SPRING WASHER	6
46	90802	FLAT WASHER	12
47	90802-c	LARGE WASHER	4
48	90825	HEX HD BOLT	2
49	91020	HEX HD BOLT	12
50	91035	HEX HD BOLT	4
51	91001	M10 plain nut	2
52	90602	M6 flat washer	2
53	90603	M6 S/WASHER	2
54	90601	NYLOC NUT	2
55	90616	M6 BOLT 16mm LONG	2
56	C253224	TAPER LOCK	1
57	MK2 1928-6-27	PUMP MOUNT	1
58	Part1^1623ST-6-1	FUEL PIPE	1
59	COLD AIR PIPE		1
60	90602	M6 x 25mm WASHER	2

10

DEBUR AND BREAK SHARP EDGES	FINISH:	NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
		JWG	02/12/2015			MACHINED PARTS	FABRICATED PARTS	1
		BGG				LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
						ANGULAR: 0.25°	ANGULAR: 0.5°	

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 The Mill Industrial Park
 Kings Coughton
 Alcester
 Works B49 5QG Tel 01789 400044
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MATERIAL & THICKNESS:	TITLE:	1623ST ENGINE ASSEM	
WEIGHT:	JIG NO:	DWG NO.	A2
		1623ST-6-1	
		SCALE:1:20	SHEET 1 OF 1

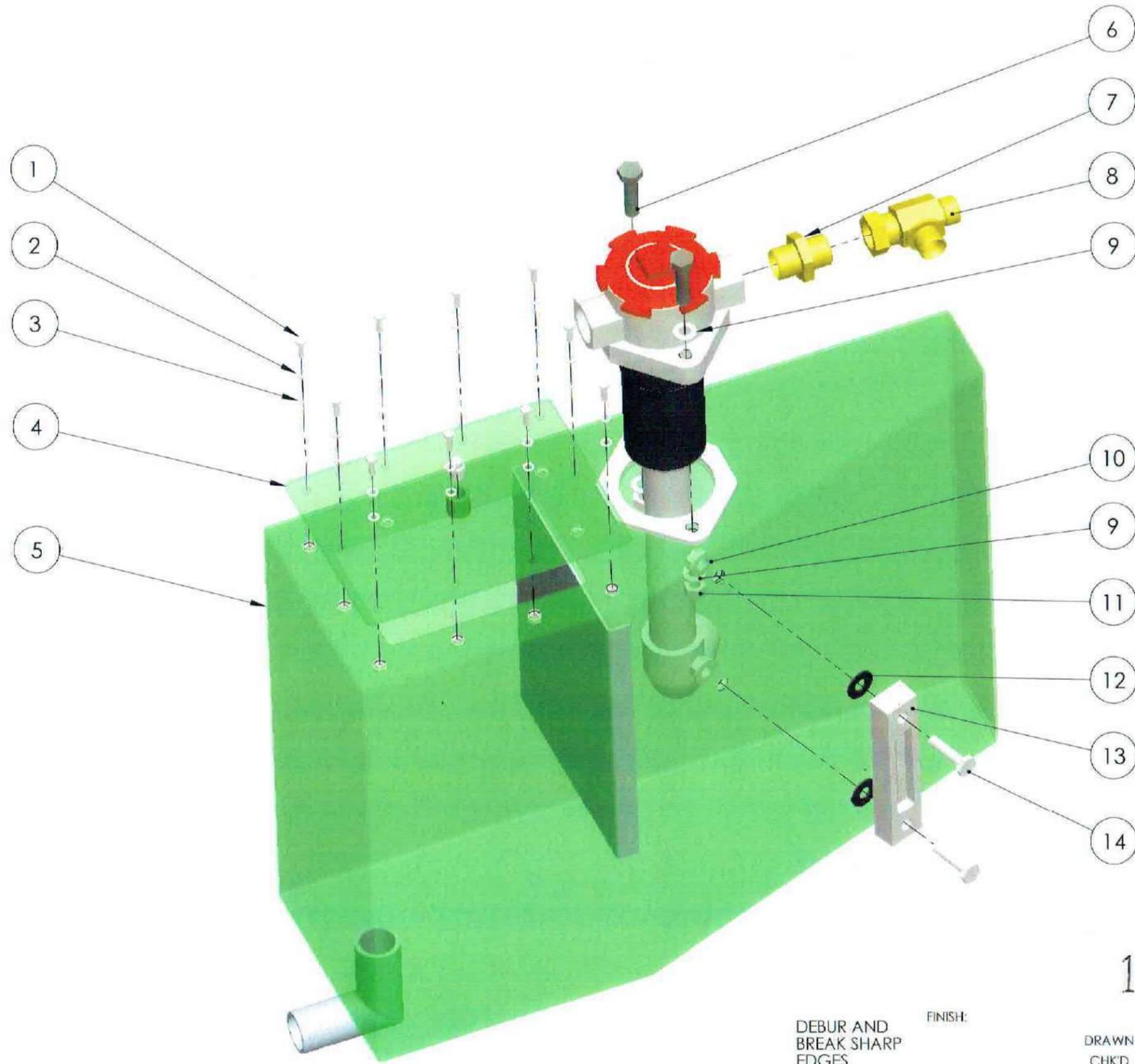
REV	MODIFICATION	ORIGINATOR	DRAWN	DATE
1				
2				
3				
4				
5				
6				

DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-



number	part number	quantity	description
1	90616	10	M6 BOLT 16 LONG
2	90603	10	M6 SPRING WASHER
3	90602	10	M6 WASHER
4	ST1928-1-44	1	ACCESS PLATE
5	1623ST-7-1	1	TANK ASSEM
6	91045	2	M10 BOLT 45 LONG
7	1MM	1	HYD FITTING
8	3-4 MMF TEE	1	HYD FITTING
9	91002	4	M10 WASHER
10	FLANGE NUT	2	FLANGE NUT
11	91001	2	M10 LOCK NUT
12	RUBBER WASHER	2	RUBBER WASHER
13	C5351650	1	LEVEL GAUGE
14	HOLLOW BOLT	2	HOLLOW BOLT

11

DEBUR AND
BREAK SHARP
EDGES

FINISH:

DRAWN
CHK'D
APPV'D

NAME
JWG
BGG

DATE
26/11/2015

QUANTITY
1

OPP HAND

UNSPECIFIED TOLERANCES	
MACHINED PARTS	FABRICATED PARTS
LINEAR: 0.25mm ANGULAR: 0.25°	LINEAR: +/- 1.0mm ANGULAR: 0.5°

ISSUE NO.
1

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The Mill Industrial Park
Kings Coughton
Alcester
Warks B49 5QG Tel 01789 400044
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MATERIAL & THICKNESS: TITLE:
HYDRAULIC TANK FULL ASSEM

WEIGHT: 9 JIG NO: DWG NO. 1623ST hydraulic tank full assem full assem
SCALE: 1:10 SHEET 1 OF 1

REV	MODIFICATION	ORIGINATOR	DRAWN	DATE
1		3		4
2		3		5

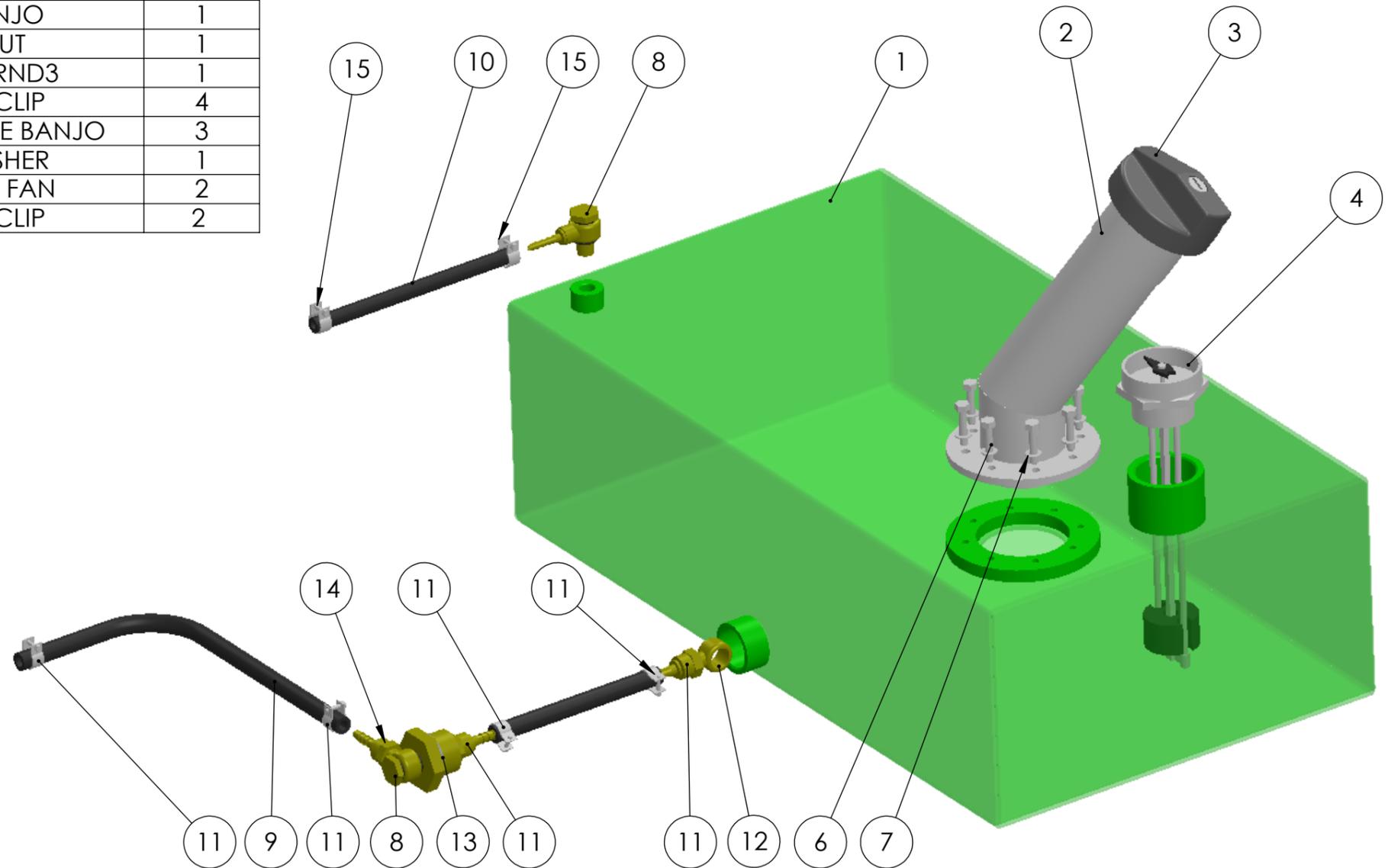
DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1623ST-6-15	fuel tank fab	1
2	EC1928-1-97A	FILLER PIPE FAB	1
3	STC1928-109	FILLER CAP	1
4	STC1928-122	LEVEL GAUGE	1
6	90630	HEX HD BOLT	8
7	90602	M6 flat washer	8
8	MWS2-04	1-4"X1-4" BANJO	1
9	FP1623-1	FUEL PIPE OUT	1
10	FP1623-2	FUEL PIPE RETURN D3	1
11	5-15HC	14MM HOSE CLIP	4
12	BJA-04-04	1-4" HOLLOW MALE BANJO	3
13	DSC-400-830	BONDED WASHER	1
14	KW11-05-04	1-4" HOSE TAIL FAN	2
15	ECM15044/4	12MM HOSE CLIP	2



12

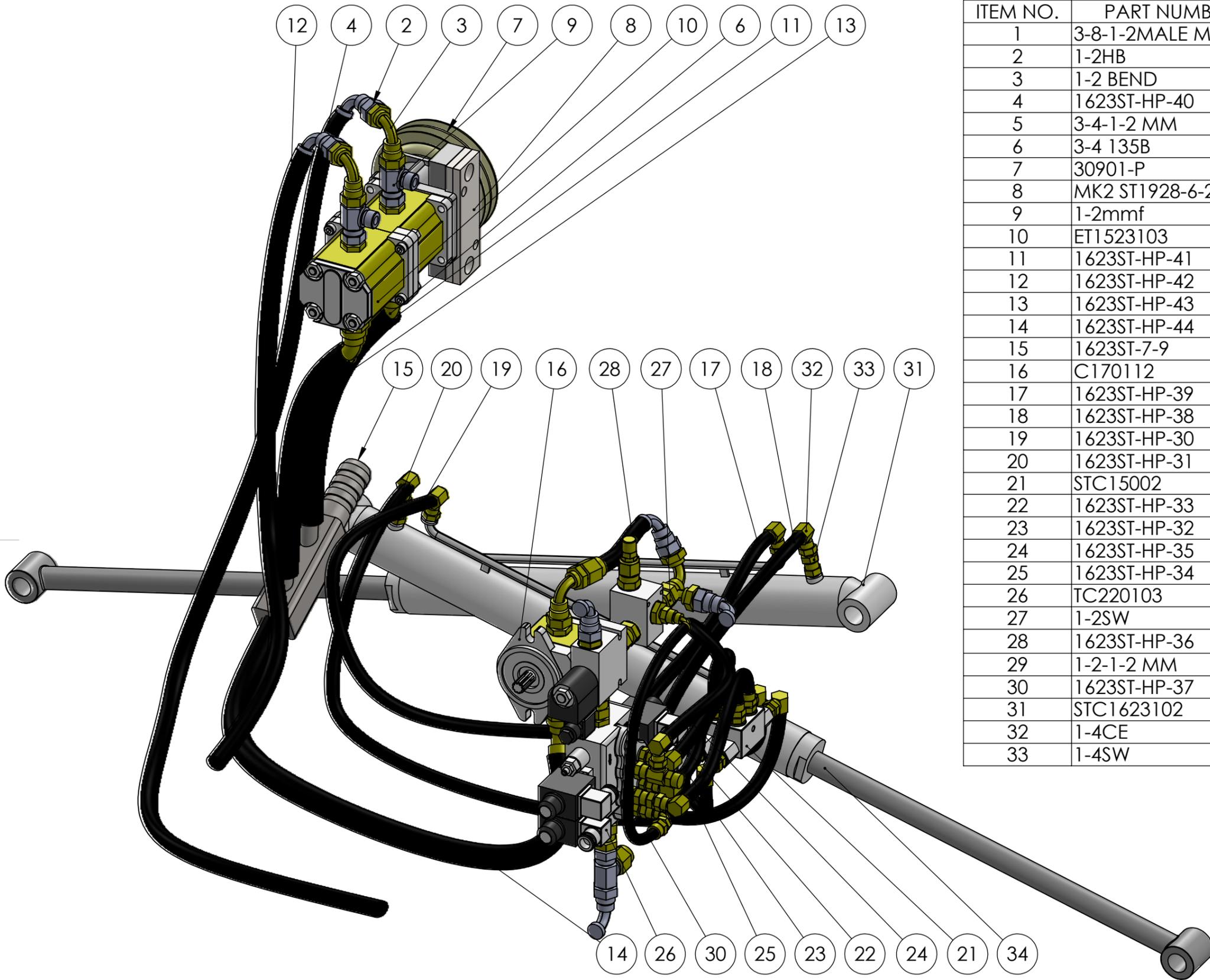
DEBUR AND BREAK SHARP EDGES	FINISH:	NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.	
		DRAWN	JWG	16/12/2015	1	MACHINED PARTS	FABRICATED PARTS	1	
		CHK'D				LINEAR: 0.25mm	LINEAR: +/- 1.0mm		
		APPV'D	BGG			ANGULAR: 0.25°	ANGULAR: 0.5°		
GreenMech Ltd The Mill Industrial Park Kings Coughton Alcester Works B49 5QG Tel 01789 400044 COPYRIGHT GREENMECH LTD			MATERIAL & THICKNESS:		TITLE: 1623ST FUEL TANK EXPLODED VIEW				
REV		MODIFICATION	ORIGINATOR	DRAWN	DATE	WEIGHT:	JIG NO:	DWG NO. 1623fuel tank assem	A3
1								SCALE:1:10	SHEET 1 OF 1

DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	3-8-1-2MALE MALE	3/8-1/2 BSP MM ADAPTOR	2
2	1-2HB	PIPE FITTING	3
3	1-2 BEND	PIPE FITTING	3
4	1623ST-HP-40	HYDRAULIC PIPE	1
5	3-4-1-2 MM	1/2-3/4BSP MM ADAPTOR	2
6	3-4 135B	HYDRAULIC FITTING	2
7	30901-P	CLUTCH UNIT	1
8	MK2 ST1928-6-27	PUMP SPACER	1
9	1-2mmf	HYDRAULIC FITTING	2
10	ET1523103	TWIN HYDRAULIC PUMP	1
11	1623ST-HP-41	HYDRAULIC PIPE	1
12	1623ST-HP-42	HYDRAULIC PIPE	1
13	1623ST-HP-43	HYDRAULIC PIPE	1
14	1623ST-HP-44	HYDRAULIC PIPE	1
15	1623ST-7-9	HYDRAULIC MANIFOLD	1
16	C170112	ROLLER/RAM PUMP	1
17	1623ST-HP-39	HYDRAULIC PIPE	1
18	1623ST-HP-38	HYDRAULIC PIPE	1
19	1623ST-HP-30	HYDRAULIC PIPE	1
20	1623ST-HP-31	HYDRAULIC PIPE	1
21	STC15002	CHECK VALVE	1
22	1623ST-HP-33	HYDRAULIC PIPE	1
23	1623ST-HP-32	HYDRAULIC PIPE	1
24	1623ST-HP-35	HYDRAULIC PIPE	1
25	1623ST-HP-34	HYDRAULIC PIPE	1
26	TC220103	CONTROL VALVES	1
27	1-2SW	HYDRAULIC FITTING	1
28	1623ST-HP-36	HYDRAULIC PIPE	1
29	1-2-1-2 MM	1/2-1/2BSP MM ADAPTOR	1
30	1623ST-HP-37	HYDRAULIC PIPE	1
31	STC1623102	HYDRAULIC RAMS 1623ST	2
32	1-4CE	HYDRAULIC FITTING	4
33	1-4SW	HYDRAULIC FITTING	2

13

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drawn by JWG
 date 03/02/2016
 revision 1

TITLE:
 1623ST RAMS AND PUMPS

WEIGHT: JIG NO:

DWG NO:
 1623ST RAMS AND PUMPS

A3

REV MODIFICATION ORIGINATOR DRAWN DATE

SCALE:1:20

SHEET 1 OF 1

1 2 3 4 5 6 7 8

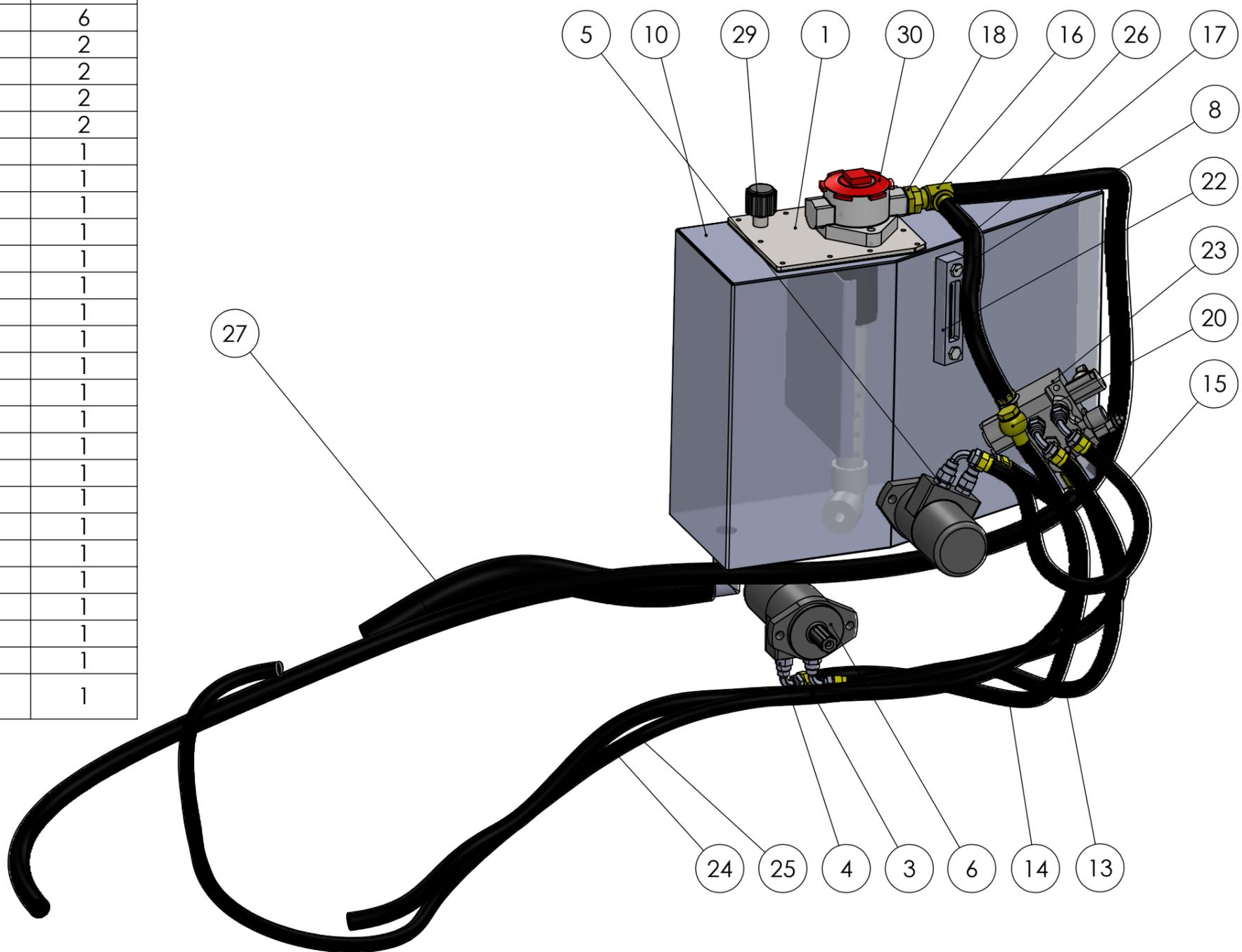
DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

DIMNS IN MM

PROGRAM No:-

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MK2 ST1928-1-44-4	hyd tank top plate	1
2	M8 BLIND HANK	M8 BLIND HANK	2
3	3-8 NUT	3/8 BSC NUT FITTING	6
4	3-8 BEND	HYDRAULIC HOSE	6
5	3-8MM	3/8 BSC FITTING	6
6	C200207-1	HYDRAULIC MOTOR	2
7	FLANGE NUT	FLANGE NUT	2
8	HOLLOW BOLT	HOLLOW BOLT	2
9	RUBBER WASHER	RUBBER WASHER	2
10	1623ST-7-1	HYDRAULIC TANK	1
11	1-2-1-2 MM	1/2-1/2BSP MM ADAPTOR	1
12	1-2 NUT	1-2 NUT	1
13	1623ST-HP-60	1623ST-HP-60	1
14	1623ST-HP-61	1623ST-HP-61	1
15	1623ST-HP-62	1623ST-HP-62	1
16	3-4mmf tee	3/4 BSC TEE FITTING	1
17	1623ST-HP-63	1623ST-HP-63	1
18	1mm	1 INCH BSP NUT	1
19	1-4-1-2	1/4 TO 1/2 BSP FITTING	1
20	1-2 BANJO	1/2 BSC BANJO	1
21	1-4 socket	1-4 BSP	1
22	C5351650	TANK GAUGE	1
23	C251813 config	SOLINOID CONTROL VALVE	1
24	1623ST-HP-64	1623ST-HP-64	1
25	1623ST-HP-65	1623ST-HP-65	1
26	1623ST-HP-66	1623ST-HP-66	1
27	1623ST-HP-67	1623ST-HP-67	1
28	MK2 ST1928-1-44-6	ACCESS PLATE GASKET	1
29	ST1928-1-150	UCC TANK BREATHER	1
30	STC1928111	HYDRAULIC TANK CAP	1



14

DEBUR AND BREAK SHARP EDGES	FINISH:	NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
		DRAWN	JWG	02/02/2016		MACHINED PARTS	FABRICATED PARTS	1
		CHK'D				LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
		APPV'D	BGG			ANGULAR: 0.25°	ANGULAR: 0.5°	
GreenMech Ltd The Mill Industrial Park Kings Coughton Alcester Warks B49 5QG Tel 01789 400044 COPYRIGHT GREENMECH LTD			MATERIAL & THICKNESS:		TITLE: P14 TANK AND ROLLER MOTORS^1623ST HYDRAULICS			
WEIGHT:	JIG NO:	DWG NO.		SCALE:1:20		SHEET 1 OF 1		
g		P14 TANK AND ROLLER MOTORS^1623ST HYDRAULICS				A3		

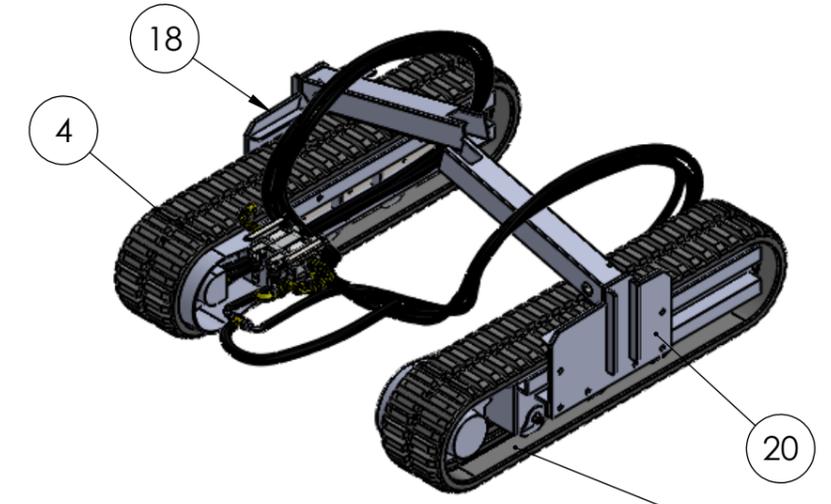
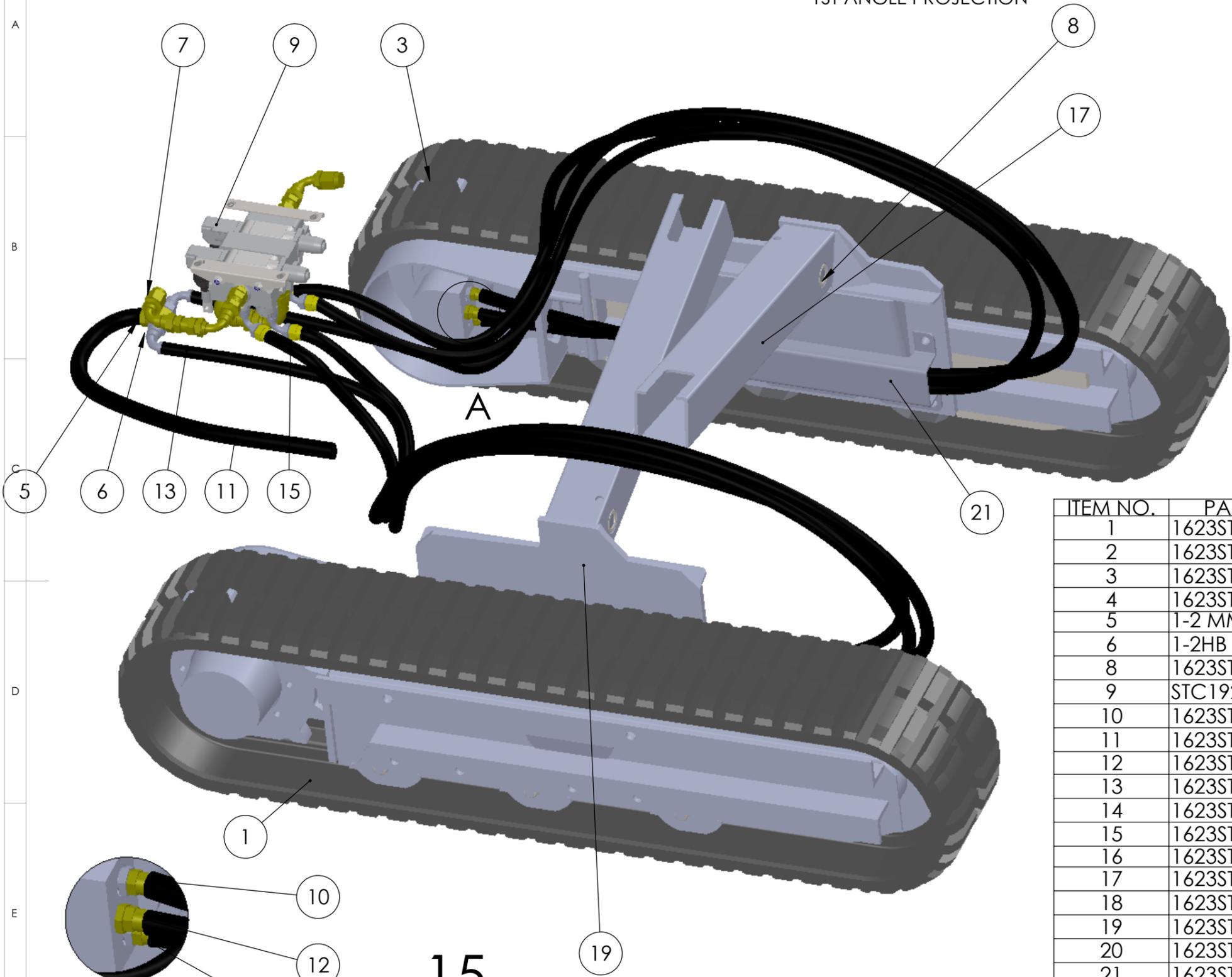
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DO NOT SCALE - IF IN DOUBT ASK

1ST ANGLE PROJECTION

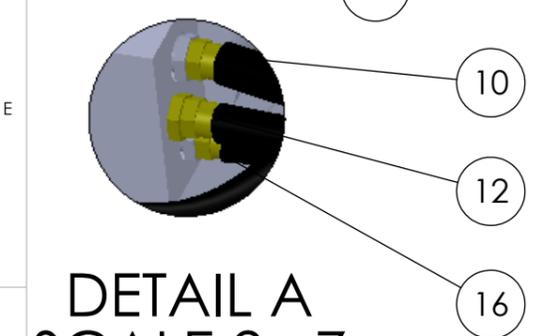
DIMNS IN MM

PROGRAM No:-



NARROW TRACKS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1623ST-1-141	O/S WIDE TRACK	1
2	1623ST-1-70	O/S NARROW TRACK	1
3	1623ST-1-140	N/S WIDE TRACK	1
4	1623ST- 1-71	N/S NARROW TRACK	1
5	1-2 MMF 90 SWIVEL	1-2" 90deg Swivel T Piece	1
6	1-2HB	PIPE FITTING	2
8	1623ST 1-92	MOUNTING PIN	2
9	STC1928901	TRACK CONTROL VALVE	1
10	1623ST-HP-76	LEFT TRACK HYD PIPE1	1
11	1623ST-HP-70	RETURN HYD PIPE TRACKS	1
12	1623ST-HP-72	LEFT TRACK HYD RETURN PIPE	1
13	1623ST-HP-71	RIGHT TRACK HYD RETURN PIPE	1
14	1623ST-HP-74	RIGHT TRACK HYD PIPE 2	1
15	1623ST-HP-73	RIGHT TRACK HYD PIPE 1	1
16	1623ST-HP-75	LEFT TRACK HYD PIPE 3	1
17	1623ST-1-116	INNER LEG N/S WIDE TRACK	1
18	1623ST-1-83	INNER LEG N/S NARROW TRACK	1
19	1623ST-1-117	INNER LEG O/S WIDE TRACK	1
20	1623ST-1-84	INNER LEG O/S NARROW TRACK	1
21	1623ST-1-110	HOSE COVER	2



DETAIL A
SCALE 2 : 7

15

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DEBUR AND BREAK SHARP EDGES	FINISH:	NAME	DATE	QUANTITY	OPP HAND	UNSPECIFIED TOLERANCES		ISSUE NO.
		DRAWN	JWG	02/02/2016		MACHINED PARTS	FABRICATED PARTS	1
		CHK'D				LINEAR: 0.25mm	LINEAR: +/- 1.0mm	
		APPV'D	BGG			ANGULAR: 0.25°	ANGULAR: 0.5°	
GreenMech Ltd The Mill Industrial Park Kings Coughton Alcester Warks B49 5QG Tel 01789 400044 COPYRIGHT GREENMECH LTD		MATERIAL & THICKNESS:		TITLE: 1623ST TRACKS HYDRAULIC DWG				
		WEIGHT:	JIG NO:	DWG NO:		1623ST TRACKS HYDRAULIC		
		g				SCALE:1:20		SHEET 1 OF 1

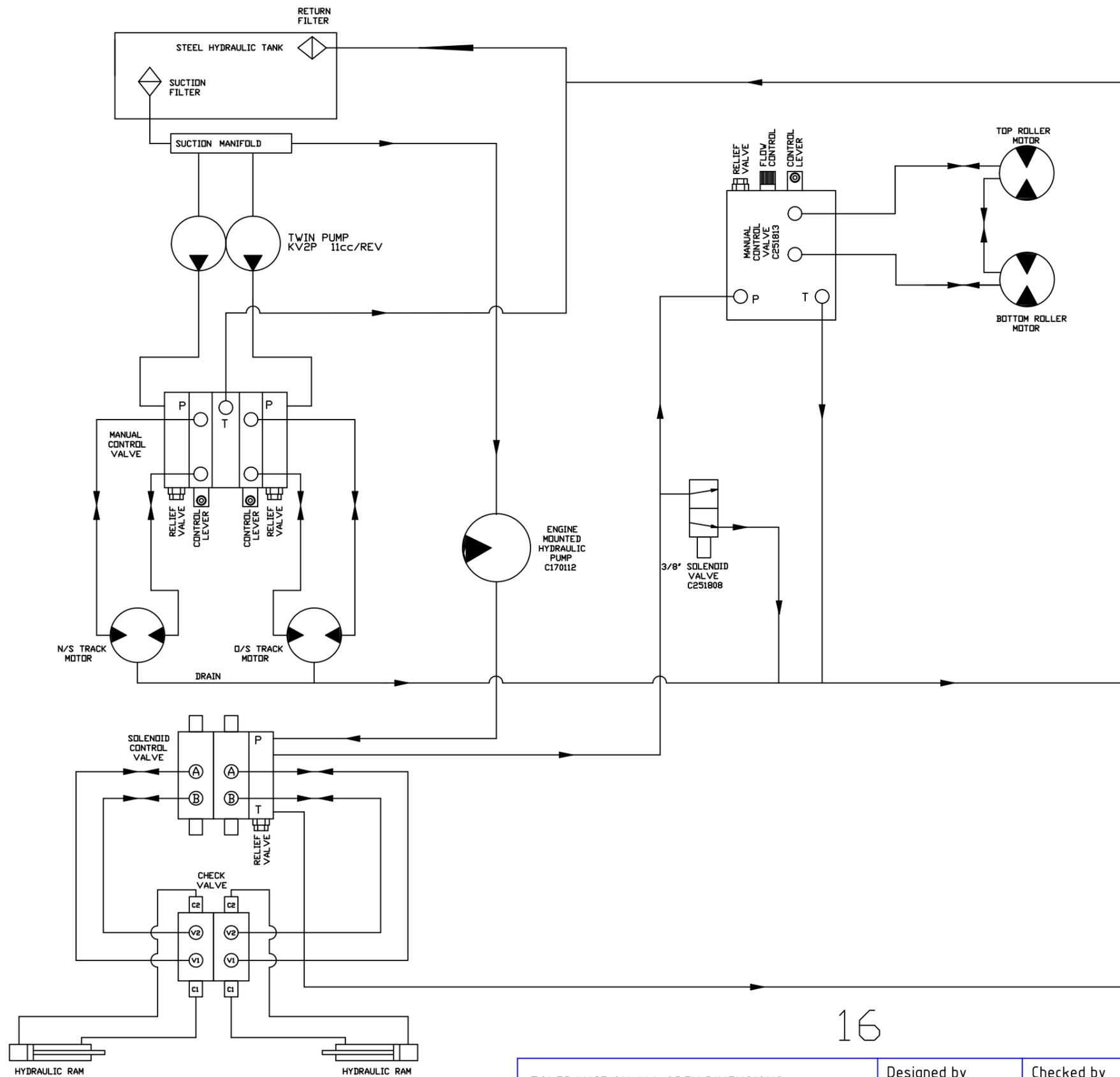
REV	MODIFICATION	ORIGINATOR	DRAWN	DATE
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2				

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DIMENSIONS IN MILLIMETERS



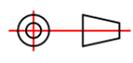
16

TOLERANCE ON ALL OPEN DIMENSIONS		Designed by ECR	Checked by xxx	Approved ER	Filename xxx	Date 11/05/07	Scale 1/1
MACHINED PARTS	+/- 0.25mm	GreenMech LTD The Mill Industrial Park, Kings Coughton Alcester, Warks B49 5QG Phone 01789 400044			1623ST HYDRAULIC CIRCUIT		
FABRICATED PARTS	+/- 1.0mm						

Issue	CHECK VALVE ADDED	30-10-2008	ECR	
Issue	Modifications	Date	Sig	Chkd

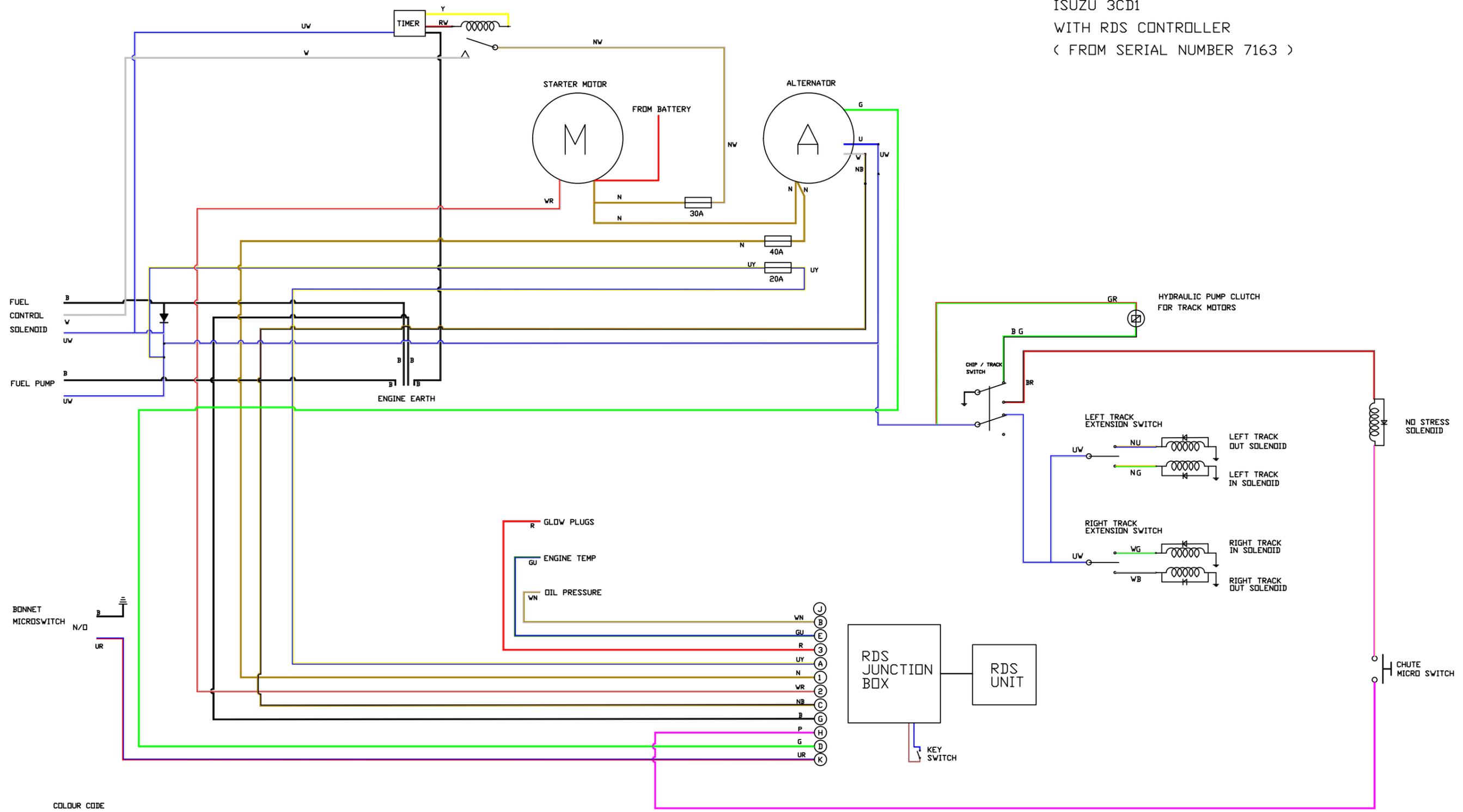
DO NOT SCALE - IF IN DOUBT ASK

THIS DRAWING IS 1ST ANGLE PROJECTION



DIMENSIONS IN MILLIMETERS

SAFETRACK 1623ST
 ISUZU 3CD1
 WITH RDS CONTROLLER
 (FROM SERIAL NUMBER 7163)



- COLOUR CODE
- R = RED
 - B = BLACK
 - G = GREEN
 - N = BROWN
 - U = BLUE
 - Y = YELLOW
 - K = PINK
 - P = PURPLE
 - W = WHITE
 - O = ORANGE
 - S = GREY

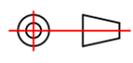
17

Issue	Modifications	Date	Slg	Chkd
1				
2				
3				
4				

TOLERANCE ON ALL OPEN DIMENSIONS		Designed by ECR	Checked by xxx	Approved ER	Filename xxx	Date 14-05-07	Scale 1/1
MACHINED PARTS	+/- 0.25mm	GreenMech Ltd The Mill Industrial Park, Kings Coughton Alcester, Warks B49 5QG Phone 01789 400044			1623ST ELECTRICAL CIRCUIT		
FABRICATED PARTS	+/- 1.0mm	RDS CONTROL BOX			Issue A	Sheet 1 OF 1	

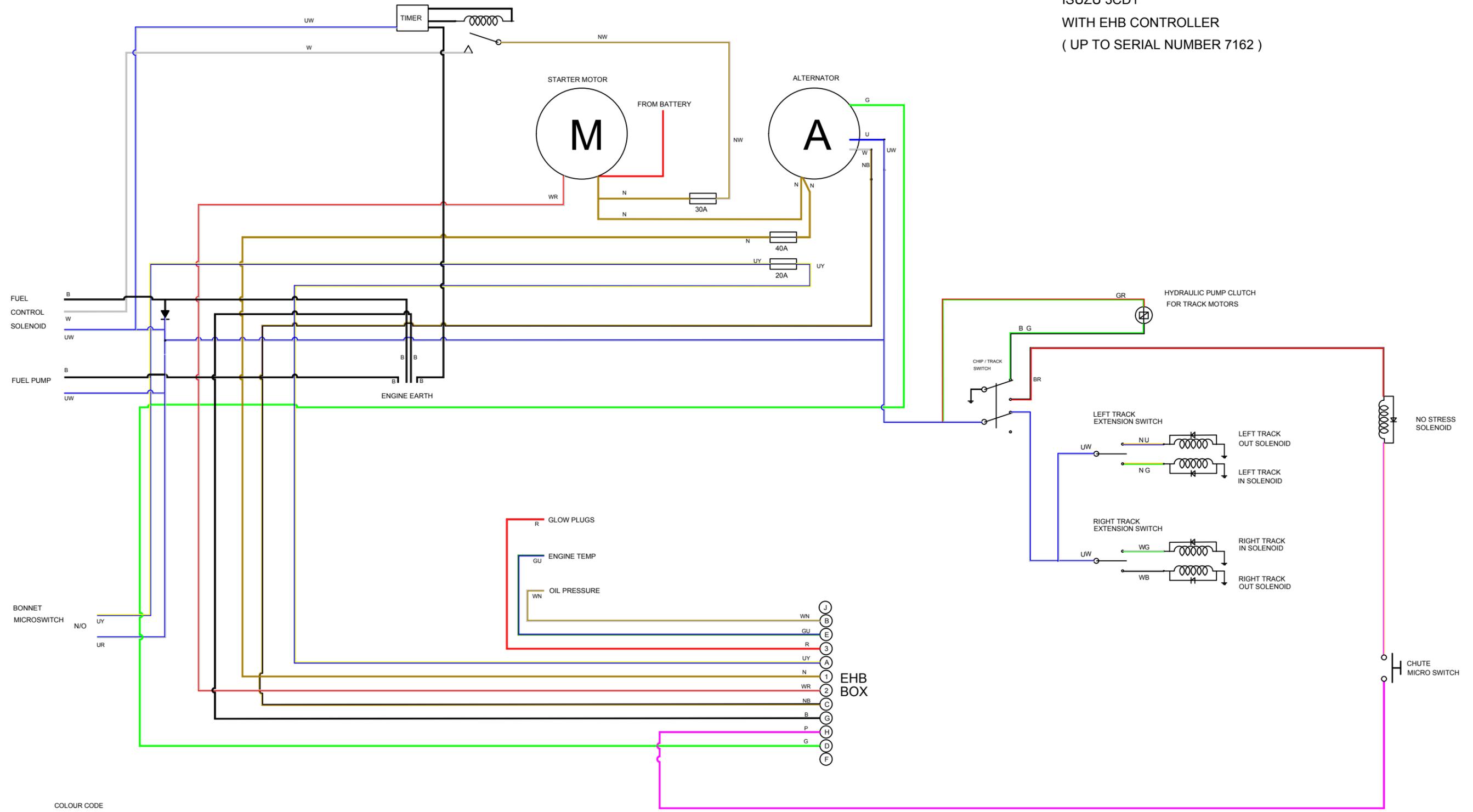
DO NOT SCALE - IF IN DOUBT ASK

THIS DRAWING IS 1ST ANGLE PROJECTION



DIMENSIONS IN MILLIMETERS

SAFETRACK 1623ST
 ISUZU 3CD1
 WITH EHB CONTROLLER
 (UP TO SERIAL NUMBER 7162)



COLOUR CODE
 R = RED
 B = BLACK
 G = GREEN
 N = BROWN
 U = BLUE
 Y = YELLOW
 K = PINK
 P = PURPLE
 W = WHITE
 O = ORANGE
 S = GREY

18

Issue	Modifications	Date	Slg	Chkd
1				
2				
3				
4				

TOLERANCE ON ALL OPEN DIMENSIONS		Designed by ECR	Checked by xxx	Approved ER	Filename xxx	Date 14-05-07	Scale 1/1
MACHINED PARTS	+/- 0.25mm	GreenMech Ltd The Mill Industrial Park, Kings Coughton Alcester, Warks B49 5QG Phone 01789 400044			1623ST ELECTRICAL CIRCUIT		
FABRICATED PARTS	+/- 1.0mm				EHB CONTROL BOX		Issue A
						Sheet 1 OF 1	