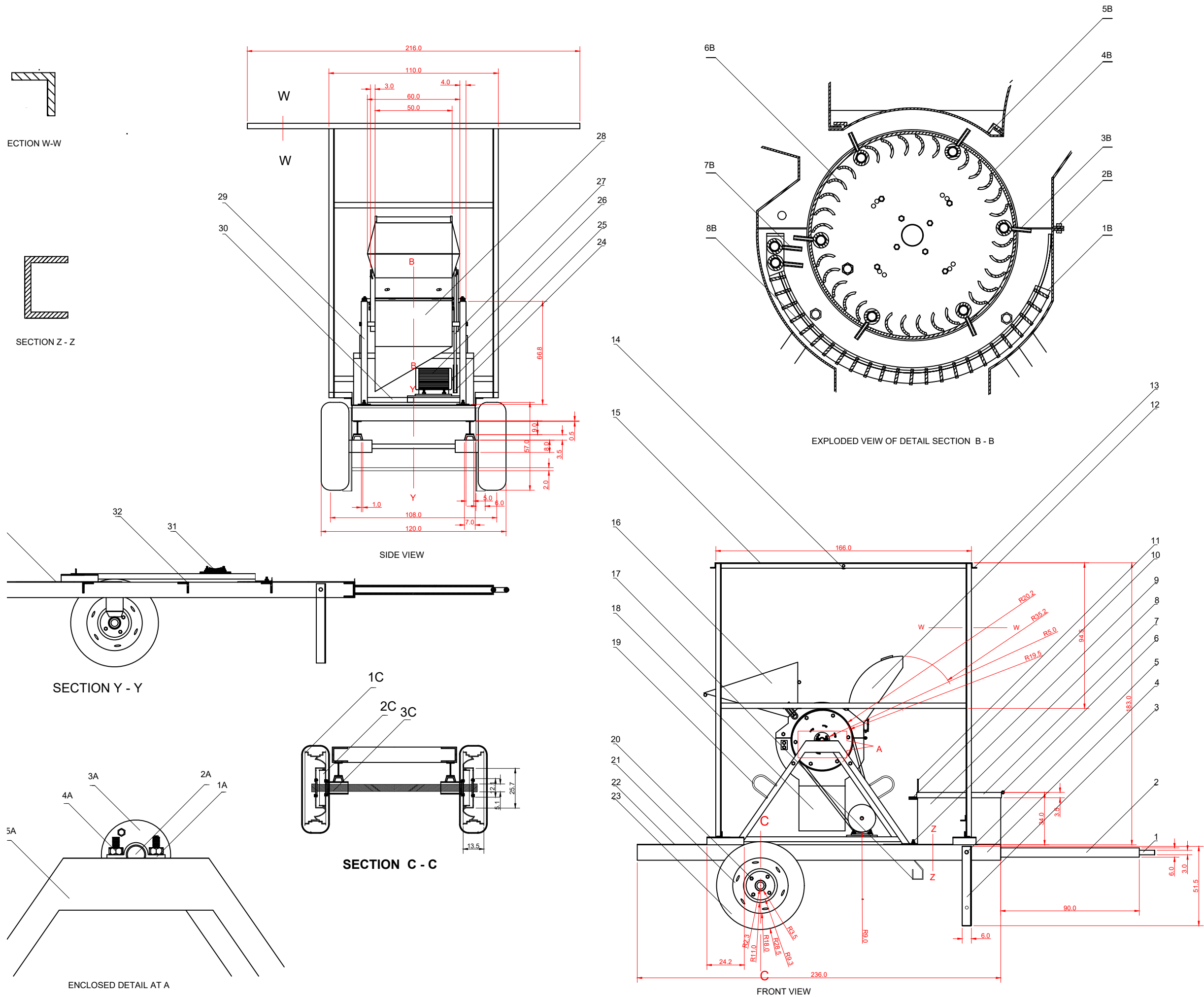




3C	TRAILER MAIN SHAFT	1	Ø5.1 X 108	MILD STEE
2C	HUB	2	Ø23 X 5	CAST IRON
1C	LAND WHEEL	2	Ø47 X 15	MILD STEE IRON
8B	RASP BAR	24	3 X49 X 0.5	MILD STEE
7B	SPIKE TOOTH	16	Ø0.8 X 3.8 X 0.4	MILD STEE HOLLOWEI
6B	FAN BLADE	30	Ø4.6 X 5.4 X 49	MILD STEE
5B	STOPPER	2	7.5 X 22 X 4	MILD STEE IRON
4B	THRESHING DRUM	1	Ø40 X 50	MILD STEE
3B	BEATER ROD	48	Ø0.8 X 3.8 X 0.4	MILD STEE HOLLOWEI
2B	DRUM COVER BOLT AND NUT	6	13 BOLT AND NUT	MILD STEE
1B	SIEVE MESH FRAME	2	Ø57.4 X 3 .5	MILD STEE
5A	DRUM SITTING	2	7.5 X 22 X 4	MILD STEE
4A	SHAFT SITTING BOLT AND NUT	4	17 BOLT	MILD STEE
3A	BEARING COVER	2	Ø10 X 1	MILD STEE
2A	THRESHER'S MAIN SHAFT	1	Ø2.5 X 67	MILD STEE
1A	SHAFT WEDGE	2	9 x 0.5 x 1	MILD STEE
33	FLOOR	1	80 X 80	MILD STE
32	ANGLE IRON FOR RIENFORCEMENT	3	79 X 7 X 7	MILD STEI
31	ELECTRIC MOTOR SITTING	1		MILD STEE
30	THRESHER FRAME REINFORCEMENT BAR	2	4 X 4 X 97.8	MILD STEE PIPE
29	THRESHER'S LEG	4	4 X 4 X 59	MILD STEI
28	DRUM HOUSING	1		MILD STEE
27	V - BELT	1	A82	SYNTHETI
26	ELECTRIC MOTOR	1	1 HORSE POWER	
25	ELECTRIC MOTOR SHAFT	1	Ø2	MILD STEE
24	DRIVER PULLEY	1	Ø18 X 2.5	CAST IRON
23	TIRE	2	13"	SYNTHETI
22	FLOOR	2	84.8 X 80	MILD STEI
21	WHEEL	2	13"	MILD STE
20	WHEEL BOLT	8	M19	MILD STE
19	THRESHER HANDLE	2	8.5 X 9.5 X 1	MILD STE IRON
18	CHUTE	1		MILD STEI
17	HANGER	1		MILD STEI
16	HOPPER	1		MILD STEI
15	SOLAR PANEL	2	105 X 164	
14	BEARING	2		ALLOY ST
13	SOLAR PANEL FRAME	1	166 X 216	MILD STEI
12	CHAFF EXIT TUBE	1		MILD STE
11	HANDLE	1		MILD STEI
10	HOOK(LOCK)	2		MILD STEI
9	INVERTER AND BATTERY HOUSING	1	54.4 X 78	MILD STEI
8	THRESHER FOOT BOLT AND NUT	4	M17	MILD STE
7	BATTERY & INVERTER HOUSING COVER	1	50 X 78	MILD STE
6	HINGES	2	Ø0.7 X 4	MILD STE
5	SUPPORT STAND BOLT AND NUT	2	19BOLT	MILD STE IRON
4	MAIN FRAME	1	80 X 236	MILD STE
3	SUPPORT STAND	2	51.8 X 6 X 1	MILD STE IRON
2	DRAWBAR	1	ø6 X 100 X 1	MILD STEI HOLLOWE
1	DRAWBAR RING	1	Ø11.5 X Ø 5.5 X 3	MILD STEE ROD

PART LIST AND MATERIAL SPECIFICATIO			
DEPARTMENT OF AGRICULTURAL AND ENVIRONMENTAL ENGINEERING UNIVERSITY OF AGRICULTURE MAKURDI.			
PROJECT TITLE: DESIGN AND EVALUATION OF SOLAR PHOTOVOLTAIC SYSTEM FOR RICE THRESHING MACHINE			
DESIGNED BY: AJU EDO SUNDAY ADONIS			
DRAWN BY: AJU EDO SUNDAY ADONIS			
SUPERVISED BY: ENGR. PROF. I. N. ITODO			
DATE: MARCH 2013			
ASSEMBLY DRAWING OF SOLAR PHOTOVOLTAIC SYSTEM FOR A RICE THRESHING MACHINE			

FIGURE 12 ASSEMBLY DRAWING OF TRACTOR - DRAWN SOLAR PHOTOVOLTAIC RICE THRESHING MACHINE