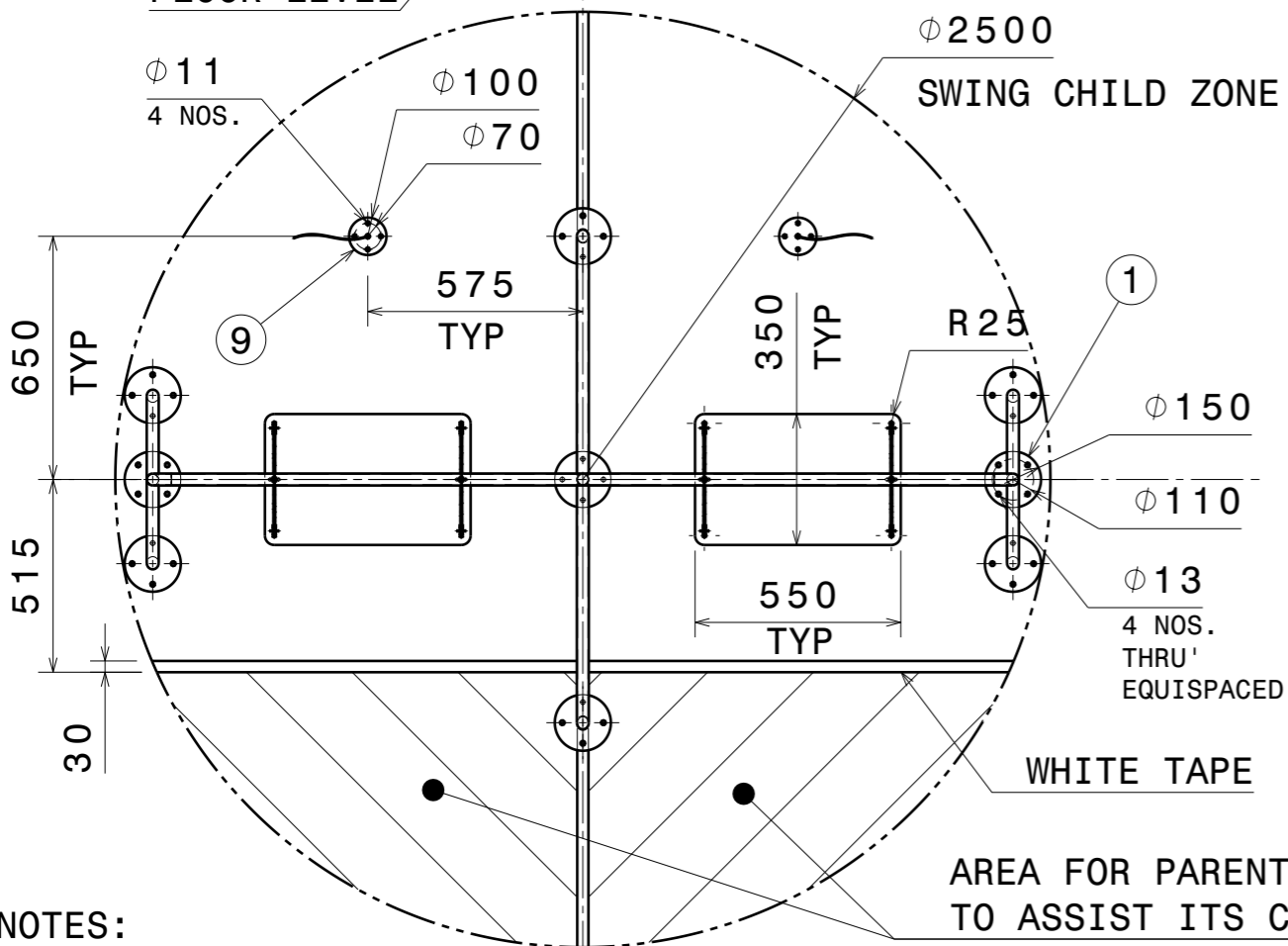


ISOMETRIC VIEW
SCALE: 1:25



13	WASHER	STD	4	TO SUIT M12
12	HEXAGONAL NUT	STD	4	M12, LOCKED AFTER LEVELING
11	FLAG	PVC	2	A4 SIZE THIN WHITE FILM
10	SUPPORT PIPE	PVC	2	Ø12.5 X 900 L
9	FLAG BASE	PS	2	Ø100, 5 THK.
8	CHAIN	STD	8	MEDIUM DUTY, LENGTH TO SUIT
7	EYE BOLT	STD	4	ID 30, M12, L 50, THD L 25
6	WASHER	STD	8	TO SUIT M8
5	HEXAGONAL NUT	STD	8	M8, LOCKED AFTER LEVELING
4	LONG TANGENT U BOLT	STD	8	M8, CTC 30, L 50, THD L 25
3	SEAT	PLYWOOD	2	19 THK.
2	SUPPORT STRUCTURE	MS	1	USING PIPE Ø32, 2 THK.
1	BASE PLATE	MS	9	Ø150 x 5 THK.
SR.	ITEM DESCRIPTION	MATERIAL	QUANTITY	REMARK

- NOTES:
- 1) ALL DIMENSIONS IN mm
 - 2) ENSURE CORRECT OSCILLATION OF SWING SEATS
 - 3) LOCK NUTS OF U & EYE BOLT AFTER SWING SEATS LEVELING
 - 4) EACH CHAIN MUST SUSTAIN ATLEAST 40 KG POINT LOAD WITHOUT FAILURE
 - 6) ALL STRUCTURES TO BE PAINTED IN SILVER COLOR (EXCEPT FOR SPECIFIED SURFACES)
 - 7) ENSURE GOOD QUALITY OF WELDING WITH MIN.THROAT THK. 5 mm

AREA FOR PARENT ROBOT
TO ASSIST ITS CHILD ROBOT

		ABU ROBOCON 2014 PUNE, INDIA			
		DRAWING TITLE FIG 5 - SWING			
DRAWN BY CHAITANYA	DATE 01/08/2013	SIZE A3	DRAWING NUMBER 005	REV A	
CHECKED BY COMMITTEE	DATE 01/08/2013	SCALE 1:20	WEIGHT (kg) --	SHEET 1/1	
DESIGNED BY COMMITTEE	DATE 01/08/2013				