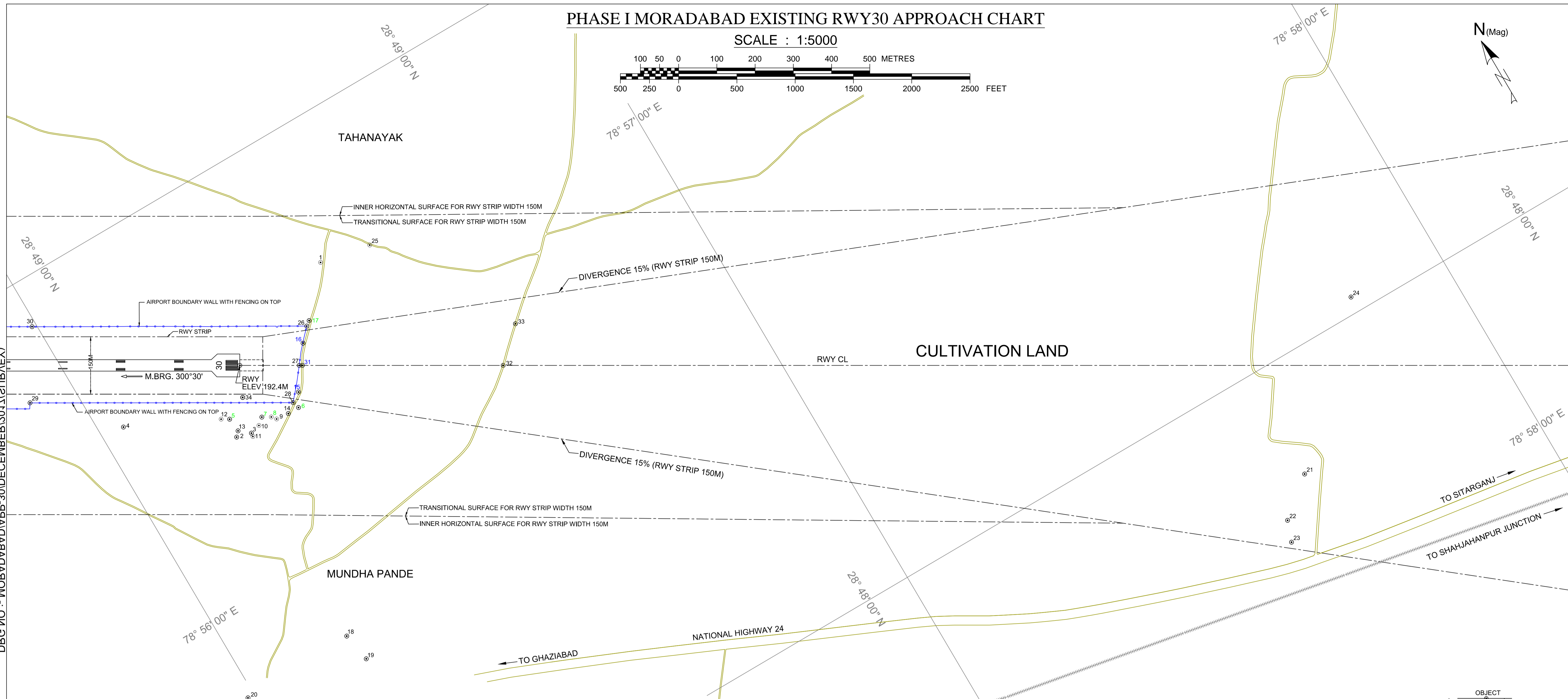
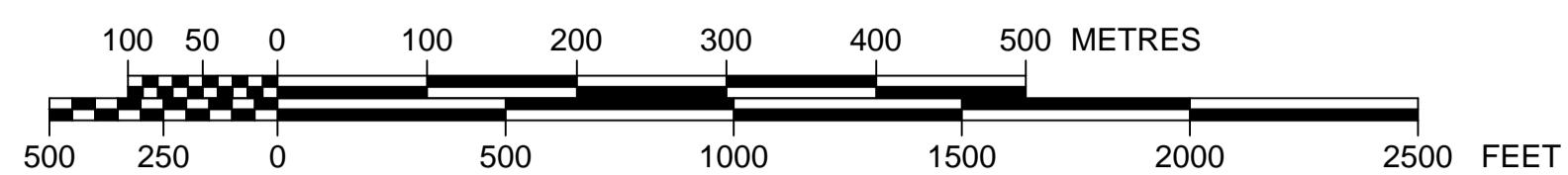


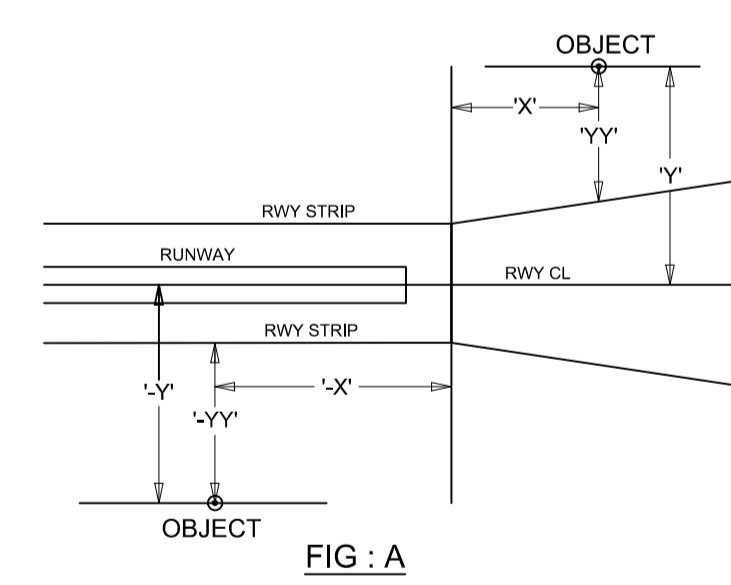
PHASE I MORADABAD EXISTING RWY30 APPROACH CHART

SCALE : 1:5000



OBSTACLES TABLE OF RWY30 AT MORADABAD AIRPORT

S.NO	UID	OBJECT NAME	LATITUDE	LONGITUDE	TOP ELEVATION IN METRE (EGM-08)	DISTANCE FROM RWY STRIP IN M			AS PER RWY STRIP WIDTH 150M			AGA Surfaces	
						X	Y	YY	W.R.T. 1:50 IN APP FUNNEL & 1:2 IN TS IN M	PERMISSIBLE TOP ELEV	OBST		W.R.T. I.H.S / C.S / O.H.S IN M
1	5035	Building	28° 48' 48.349" N	078° 56' 26.667" E	195.9	151	269	172	220.0	CLEAR	—	—	WITHIN T.S
2	5036	Group of Trees	28° 48' 39.192" N	078° 56' 11.142" E	192.0	-68	-187	-112	208.4	CLEAR	—	—	WITHIN T.S
3	5037	Group of Trees	28° 48' 38.846" N	078° 56' 12.561" E	191.4	-30	-177	-102	207.0	CLEAR	—	—	WITHIN T.S
4	5038	Group of Trees	28° 48' 44.805" N	078° 56' 02.225" E	196.6	-364	-161	-86	204.3	CLEAR	—	—	WITHIN T.S
5	5039	Group of Trees	28° 48' 40.799" N	078° 56' 11.430" E	212.6	-87	-141	-66	201.8	10.8	—	—	WITHIN T.S
6	5040	Group of Trees	28° 48' 38.683" N	078° 56' 17.725" E	200.4	93	-110	-21	197.3	3.1	—	—	WITHIN T.S
7	5041	Water Tank	28° 48' 39.564" N	078° 56' 14.211" E	206.2	-2	-135	-60	203.0	5.2	—	—	WITHIN T.S
8	5042	Building	28° 48' 39.171" N	078° 56' 15.005" E	204.1	22	-135	-56	200.8	3.3	—	—	WITHIN T.S
9	5043	Building	28° 48' 38.791" N	078° 56' 15.351" E	200.9	36	-140	-60	201.7	CLEAR	—	—	WITHIN T.S
10	5044	Building	28° 48' 39.083" N	078° 56' 13.562" E	204.0	-10	-157	-82	204.1	CLEAR	—	—	WITHIN T.S
11	5045	Building	28° 48' 38.534" N	078° 56' 12.520" E	199.8	-26	-186	-111	208.3	CLEAR	—	—	WITHIN T.S
12	5046	Building	28° 48' 41.172" N	078° 56' 10.732" E	199.0	-109	-141	-66	201.8	CLEAR	—	—	WITHIN T.S
13	5047	Electric Pole	28° 48' 39.587" N	078° 56' 11.564" E	198.5	-65	-171	-96	206.1	CLEAR	—	—	WITHIN T.S
14	5048	Electric Pole	28° 48' 38.683" N	078° 56' 16.588" E	198.1	67	-126	-41	199.6	CLEAR	—	—	WITHIN T.S
15	5049	Electric Pole	28° 48' 39.823" N	078° 56' 18.481" E	198.4	93	-70	—	194.3	4.1	—	—	WITHIN APP FUNNEL
16	5050	Electric Pole	28° 48' 43.196" N	078° 56' 21.252" E	199.5	105	58	—	194.5	5.0	—	—	WITHIN APP FUNNEL
17	5051	Electric Pole	28° 48' 44.590" N	078° 56' 22.863" E	199.4	121	117	24	198.2	1.2	—	—	WITHIN T.S
18	5075	Mobile Tower	28° 48' 19.882" N	078° 56' 10.542" E	190.5	220	-708	—	—	239.2	CLEAR	—	WITHIN I.H.S
19	5076	Mobile Tower	28° 48' 17.381" N	078° 56' 11.049" E	189.9	271	-767	—	—	239.2	CLEAR	—	WITHIN I.H.S
20	5077	Mobile Tower	28° 48' 19.622" N	078° 55' 59.313" E	231.2	-39	-869	—	—	239.2	CLEAR	—	WITHIN I.H.S
21	5078	Mobile Tower	28° 47' 50.414" N	078° 57' 38.050" E	242.2	2725	-264	—	246.9	CLEAR	—	—	WITHIN APP FUNNEL
22	5079	Mobile Tower	28° 47' 47.763" N	078° 57' 34.360" E	242.1	2680	-405	—	246.0	CLEAR	—	—	WITHIN APP FUNNEL
23	5080	Mobile Tower	28° 47' 45.990" N	078° 57' 33.619" E	242.4	2690	-462	—	246.2	CLEAR	—	—	WITHIN APP FUNNEL
24	5116	Water Tank	28° 48' 01.355" N	078° 57' 50.564" E	207.5	2846	179	—	249.3	CLEAR	—	—	WITHIN APP FUNNEL
25	5118	Building	28° 48' 47.501" N	078° 56' 31.602" E	195.9	280	315	198	226.3	CLEAR	—	—	WITHIN T.S
26	5123	Airport B.Wall With F.T	28° 48' 44.290" N	078° 56' 22.403" E	194.0	115	103	11	196.3	CLEAR	—	—	WITHIN T.S
27	5124	Airport B.Wall With F.T	28° 48' 41.736" N	078° 56' 19.849" E	193.9	95	-7	—	194.3	CLEAR	—	—	WITHIN APP FUNNEL
28	5125	Airport B.Wall With F.T	28° 48' 39.276" N	078° 56' 17.520" E	193.5	79	-97	-10	195.4	CLEAR	—	—	WITHIN T.S
29	5132	Airport B.Wall With F.T	28° 48' 50.609" N	078° 55' 55.647" E	193.4	-609	-98	-23	195.0	CLEAR	—	—	WITHIN T.S
30	5133	Airport B.Wall With F.T	28° 48' 56.092" N	078° 55' 59.550" E	193.6	-603	101	26	195.4	CLEAR	—	—	WITHIN T.S
31	5135	Mobile Road Traffic (Road Elev. +Traffic) 190.9+5=195.9	28° 48' 41.600" N	078° 56' 20.111" E	196.9	104	-7	—	194.5	2.4	—	—	WITHIN APP FUNNEL
32	5136	Mobile Road Traffic (Road Elev. +Traffic) 189.9+5=194.9	28° 48' 32.937" N	078° 56' 36.795" E	195.9	629	-6	—	205.0	CLEAR	—	—	WITHIN APP FUNNEL
33	5137	Mobile Road Traffic (Road Elev. +Traffic) 189.8+5=194.8	28° 48' 35.456" N	078° 56' 39.844" E	195.8	661	109	—	205.6	CLEAR	—	—	WITHIN APP FUNNEL
34	1002	SACS	28° 48' 41.836" N	078° 56' 13.580" E	191.3	-53	-84	-9	193.7	CLEAR	—	—	WITHIN T.S



- NOTE :-
1. PERMISSIBLE TOP ELEVATION CALCULATED WITH PERMISSIBLE SLOPE 1:50 UP TO 3000M & 1:40 FROM 3000 TO 6600M.
 2. 'X'DENOTES HORIZONTAL DISTANCE FROM RWY STRIP TO OBJECT ALONG WITH CENTRE LINE OF RWY AS SHOWN IN FIG 'A'
 3. 'Y'DENOTES LATERAL DISTANCE FROM EXTENDED CENTRE LINE OF RWY TO OBJECT AS SHOWN IN FIG 'A'
 4. 'YY'DENOTES LATERAL DISTANCE FROM EDGE OF APPROACH FUNNEL / RWY STRIP TO OBJECT AS SHOWN IN FIG 'A'
 5. ○ MARKED IN COLUMN SR.No DENOTES OBJECT FORMING OBSTACLE AND FALLING WITH IN APPROACH FUNNEL / RWY STRIP.
 6. □ MARKED IN COLUMN SR.No DENOTES OBJECT FORMING OBSTACLE AND LYING OUTSIDE APPROACH FUNNEL / RWY STRIP.
 7. All DISTANCE & ELEVATIONS ARE IN METRES (EGM2008).
 8. All CO-ORDINATES ARE IN WGS-84 SYSTEM.

CODE	ABBREVIATION
I.H.S	INNER HORIZONTAL SURFACE
T.S	TRANSITIONAL SURFACE
W.R.T	WITH REFERENCE TO

CLIENT :- Kitco Ltd.

PROJECT :- OBSTACLE SURVEY OF MORADABAD AIRPORT

TITLE :- PHASE I MORADABAD EXISTING RWY30 APPROACH CHART

DRG.NO :- MORADABAD/APP-30 /DEC-2017
 SCALE :- 1:5000

DATE OF SURVEY
 DEC-2017

REV. 0

CONSULTANTS :-

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