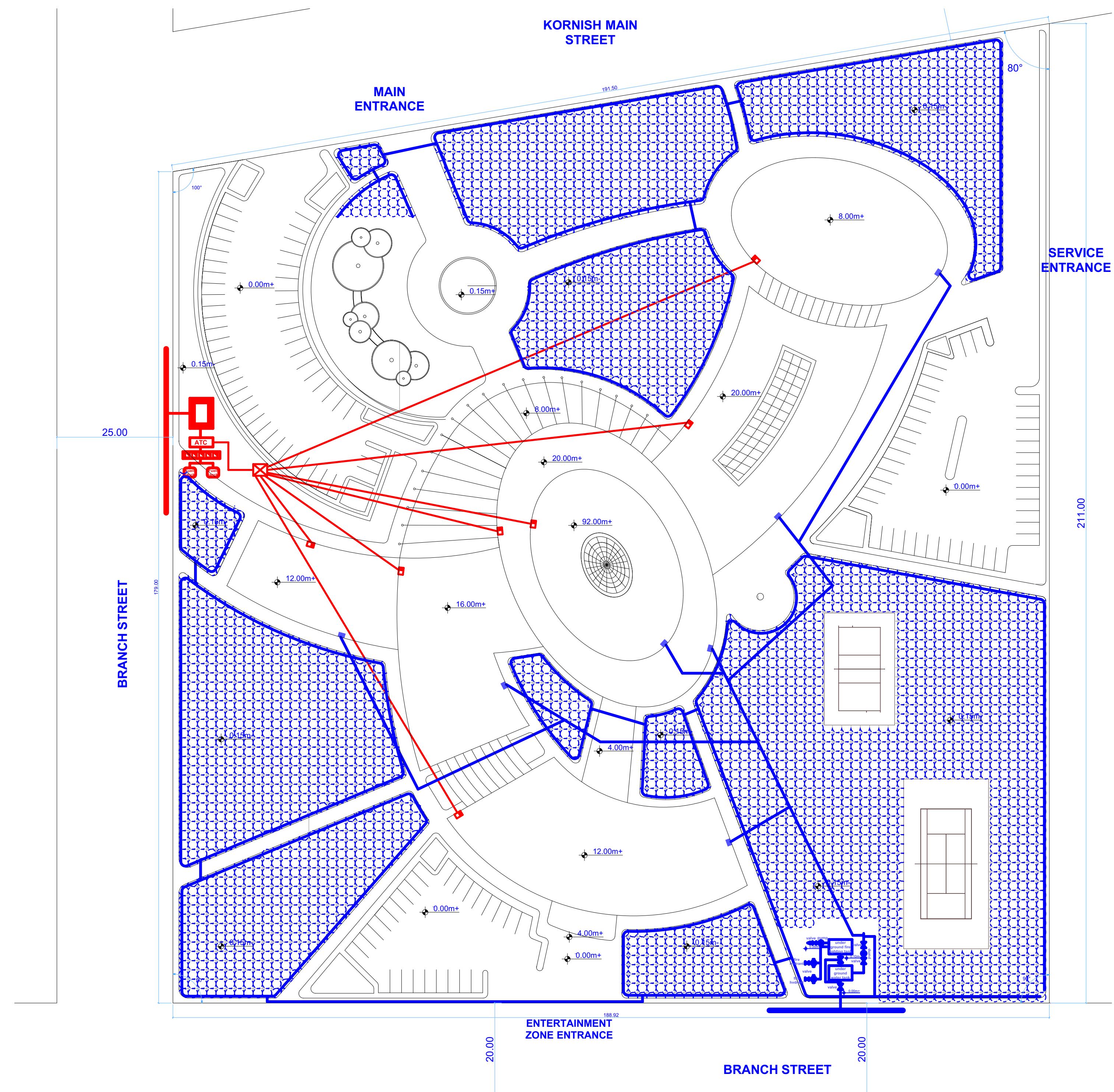


**DRAINAGE AND SEWAGE SYSTEM**

**SCALE 1:500**



**WATER AND ELE. SUPPLY**

**SCALE 1:500**

**Remarks:**



**WATER AND ELE. KEY**

All dimention ARE Metric	
SYM	DESCREPTION
	Main line of caples size 415
	Seconey line of caples size 220
	Seconey line of caples size 180
	Solar energy line
	Inventor
	battery
	control unit
	Main pipe ( public system ) size 8" DI bar
	Main pipe size 6" DI bar
	Seconey pipe size 6" DI bar
	Seconey pipe size 4" DI bar
	Seconey pipe size 2" DI bar
	valve
	pump
	sprinkler diameter 5 m

**MANHOLES**

**Remarks:**

Manhole Name	Depth	Length	Width	Thickness Wall
M.H 1	45	45	45	12
M.H 2	60	75	57	24
M.H 3	67.5	75	57	24
M.H 4	82.5	100	75	24
M.H 5	97.5	100	75	24
M.H 6	112.5	100	75	24
M.H 7	127.5	100	75	24
M.H 8	142.5	100	75	24
M.H 9	157.5	100	75	24
M.H 10	172.5	100	75	24
M.H 11	187.5	100	75	24
M.H 1	45	45	45	12
M.H 2	60	75	57	24
M.H 3	67.5	75	57	24
M.H 4	82.5	100	75	24
M.H 5	97.5	100	75	24
M.H 6	112.5	100	75	24
M.H 7	127.5	100	75	24
M.H 8	142.5	100	75	24
M.H 9	157.5	100	75	24
M.H 10	172.5	100	75	24
M.H 11	187.5	100	75	24
M.H 1	45	45	45	12
M.H 2	60	75	57	24

**Designed By :**  
**Nazik Hassan Mohammed**  
**Supervision:**  
**T. NAGWA ALMOFTI**