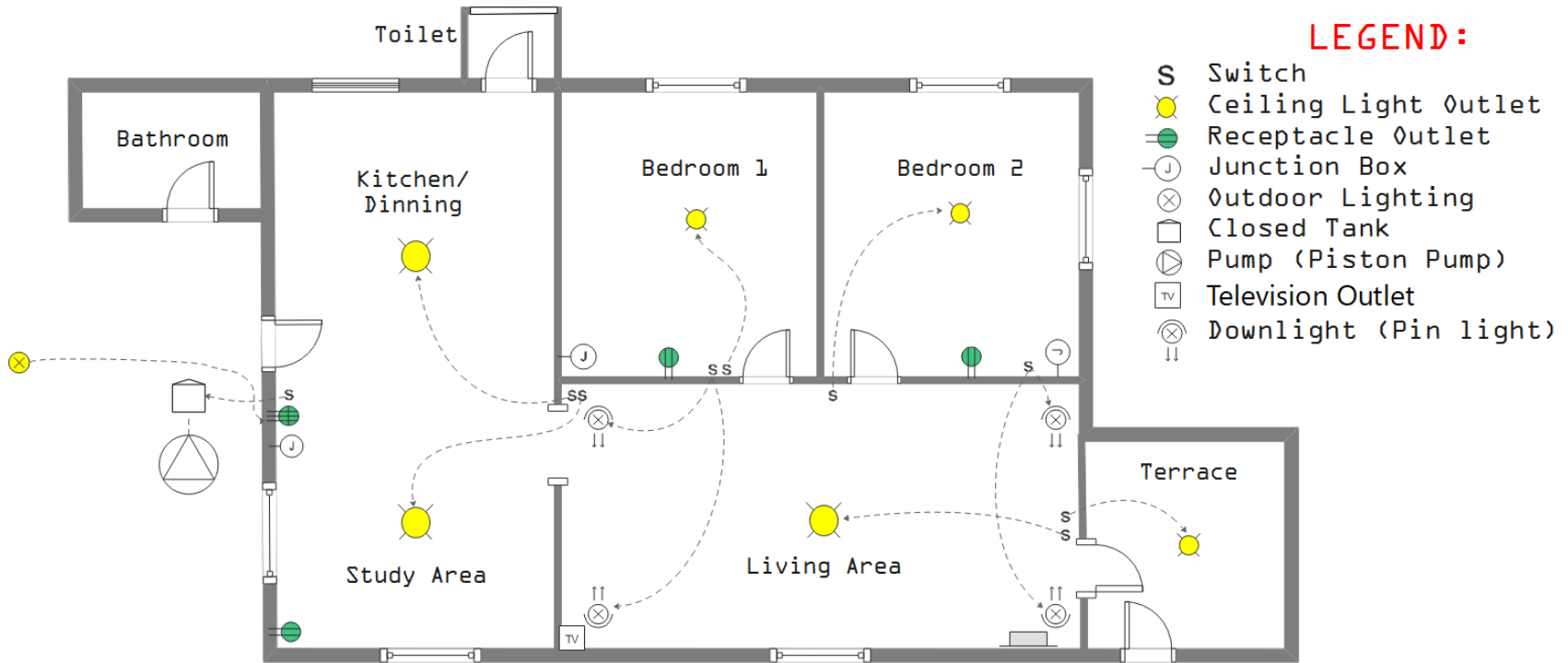


BASIC OCCUPATIONAL SAFETY AND HEALTH

ERICA D. GAFFUD

BSCpE 3A

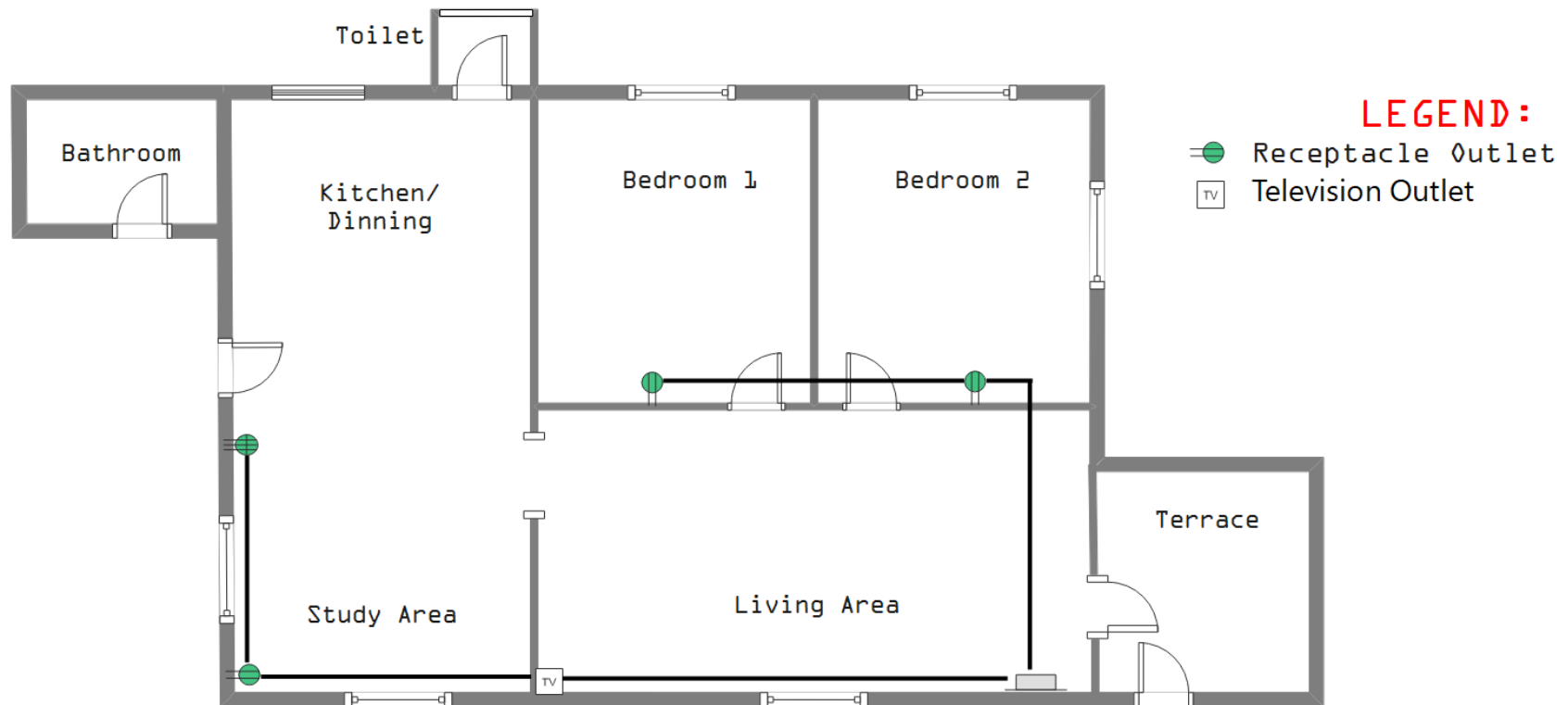
ELECTRICAL PLAN



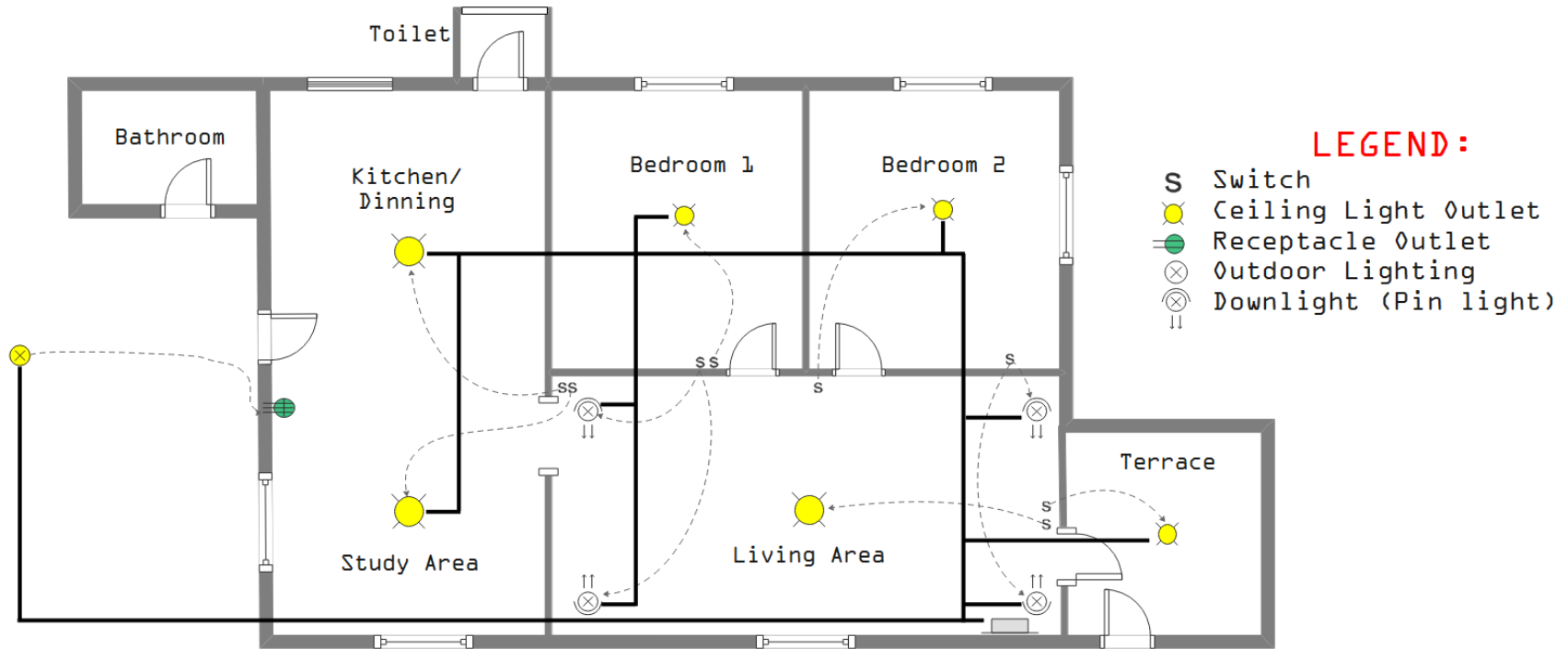
LEGEND:

- S Switch
- ☀ Ceiling Light Outlet
- Receptacle Outlet
- ⊖ Junction Box
- ⊗ Outdoor Lighting
- Closed Tank
- ⊕ Pump (Piston Pump)
- TV Television Outlet
- ⊗ Downlight (Pin light)

POWER LAYOUT



LIGHTING LAYOUT



SCHEDULE OF LOADS

	DESCRIPTION	No. of outlets	VOLTS	WATTS	AMP. CKT.	PROTECTION PER CKT.	THHN. SIZE OF WIRE	SIZE OF CONDUIT
1	LIGHTING OUTLET	11	230	600	2.61	15 AT	2-2.0 mm ²	20 mmØ PVC CONDUIT
2	CONVENIENCE OUTLET	5	230	1240	6.26	20 AT	2-3.5 mm ²	25 mmØ PVC CONDUIT
	TOTAL:				8.87			