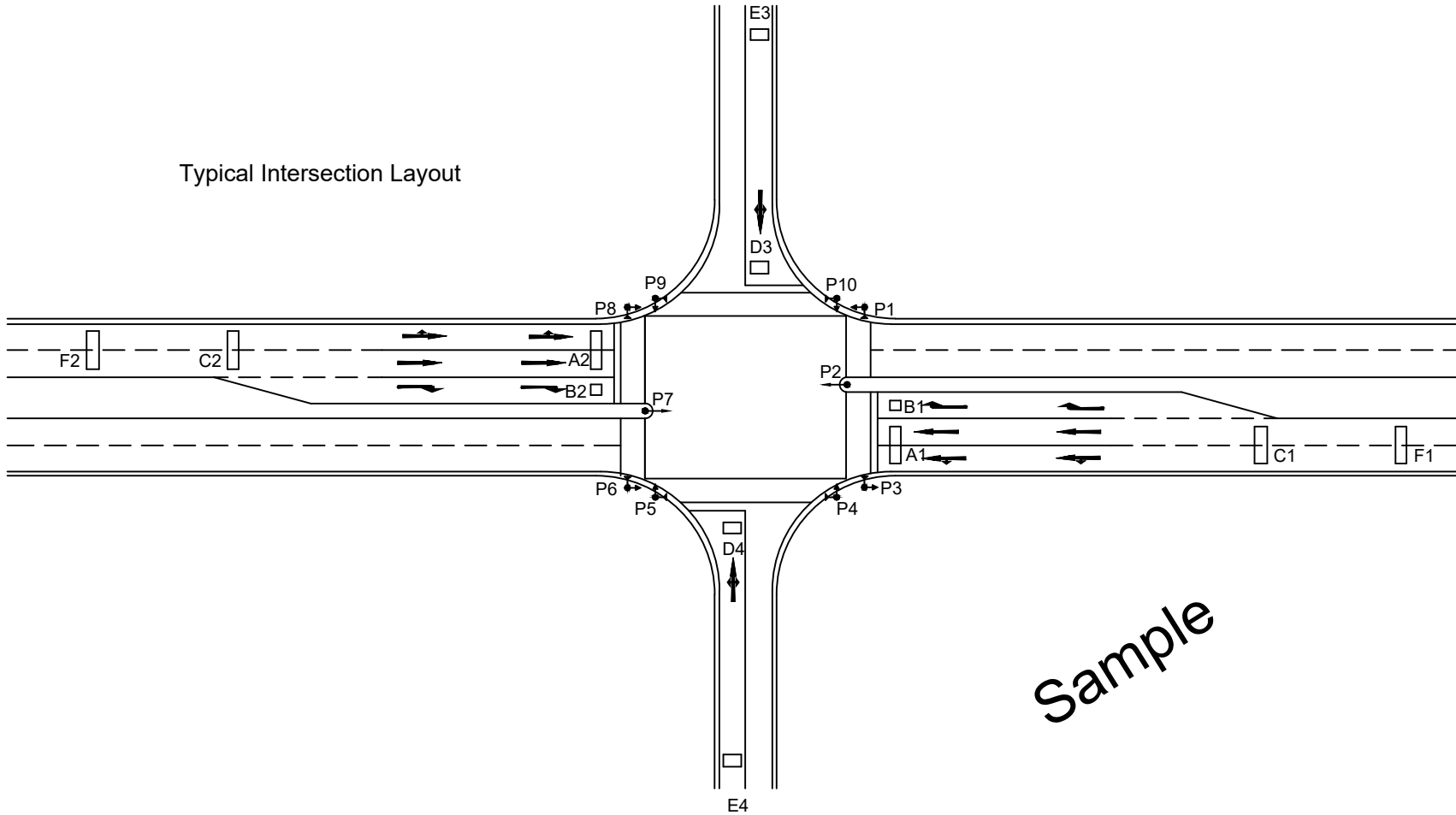


Typical Intersection Layout



Key to Symbols

*P3 Signal pole with pole number

Signal Controller

B1 Detector

Signal Face Legend

Signal Face

Symbol

S1

S11

Note:

1. Precise locations of poles and controller to be verified by the Engineer on site and to be in accordance with the Kenyan Traffic Signals Manual
2. All symbols to be used shall be described
3. Only signal face types to be used and their symbols to be indicated in the legend
4. Stop line detectors arw to be set back not less than 1m from stop line.
5. Subject to location, the Engineer shall specify one of the following types of controllers:

a) Fully equipped A.T.C. compatible

b) Fully wired for A.T.C. compatibility subject to insertion of modules when required

c) Upgradable to A.T.C compatibility when required.
6. Where pAWC assist a local authority with the supply and installation of traffic signals, a maintenance agreement between the parties shall be signed prior to the commissioning of the signals.

This drawing must be detailed for each contract.

Phase plan and interval timing									
Stage	Phase	Time period	Green			Yellow		All	Flashing
			Min	Max	Ext	Min	Max	Red	Red
1		AM Peak	16	30	2	3	5	2	
		PM Peak	16	30	2	3	5	2	
		Off Peak	20	30	2	3	5	2	
		Pedestrian	8	8	-	-	-	38 - 60	8

Detector function				
Stage	Phase	Call	Extend	Measures speed
1	A	B3 D3 E3 B2 D4 E4	Extend	

Timing Plan														
Timing Plan	Active Cycle	Phase A	Min Green	Max Green	Yellow	Yellow Ext								
	Time	AM Peak	16	30	33	35	37	47	60	52	65	71	74	76
		PM Peak	-	-	-	-	-	-	-	-	-	-	-	-
		Off Peak	-	-	-	-	-	-	-	-	-	-	-	-