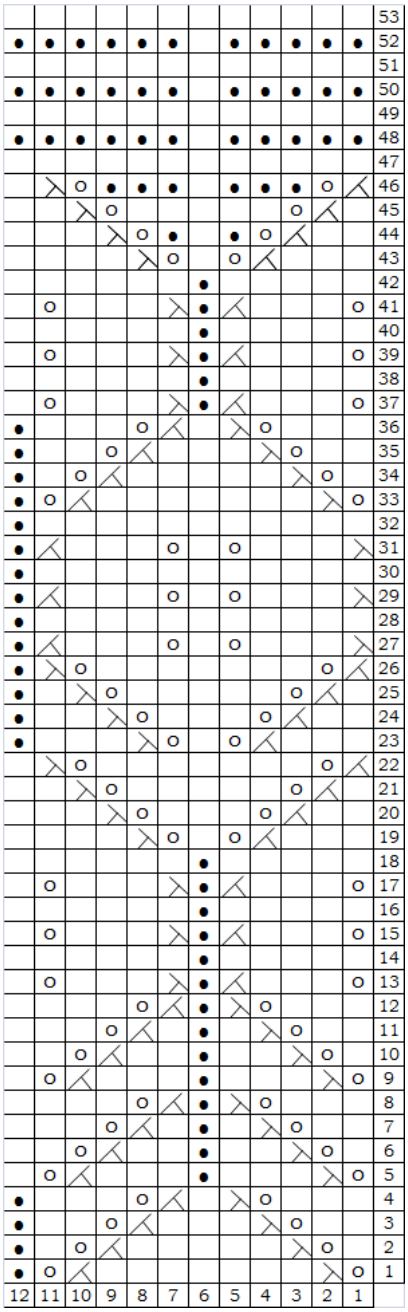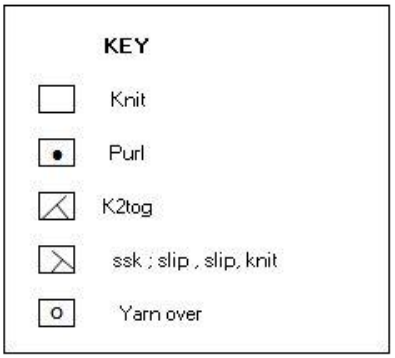Petiole Cowl Chart