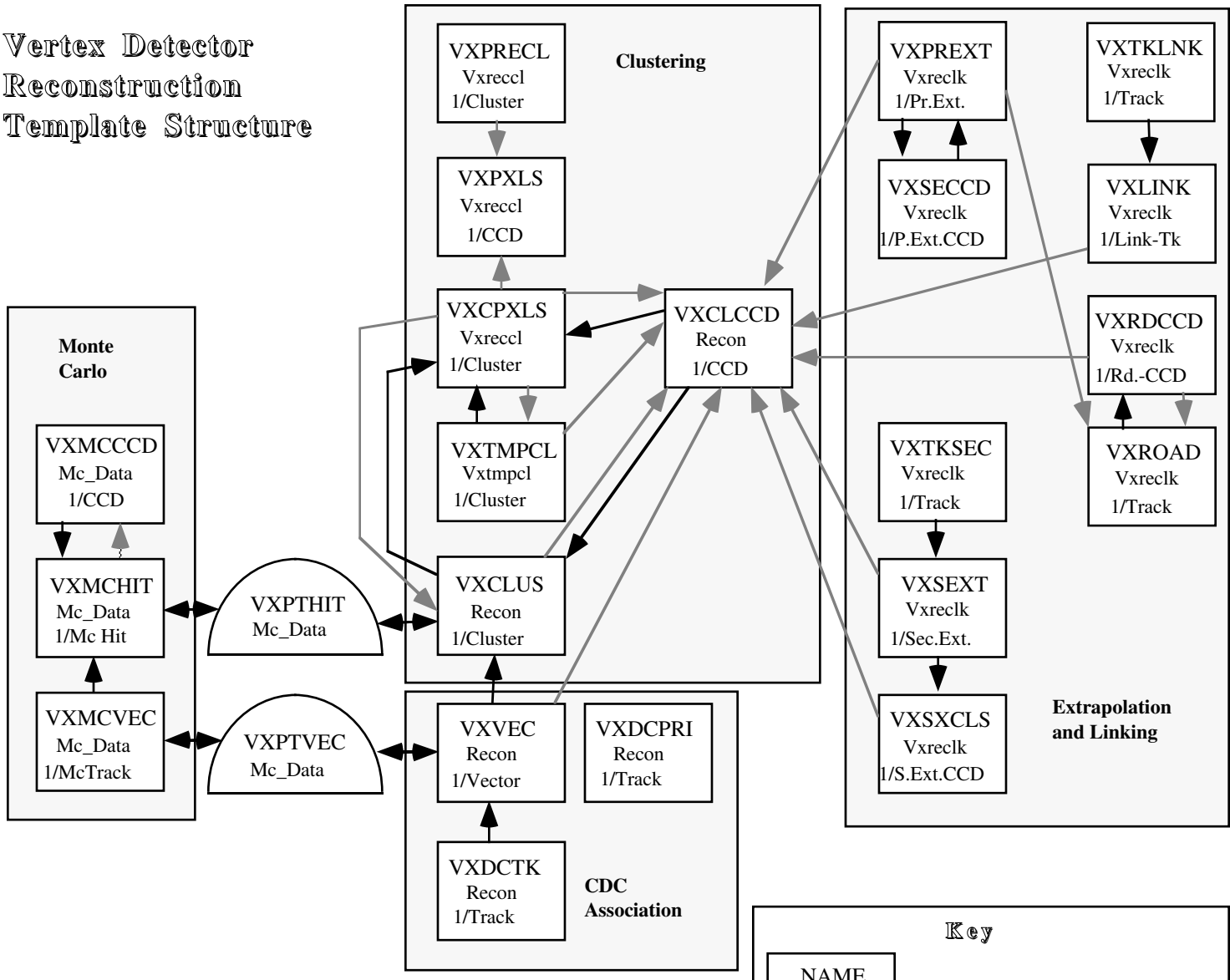
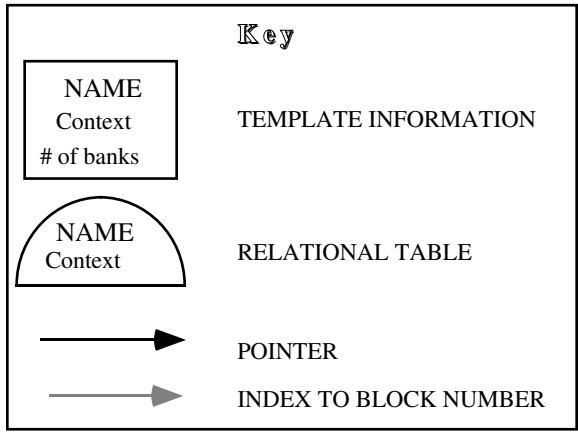
Vertex Detector Reconstruction Template Structure





VXCLCCD: Points to clusters on each CCD

VXCLUS: Information on each cluster

VXCPXLS: Identifies pixels belonging to cluster

VXDCTK: Location of CDC track extrapolated to 4 layers, and vectors associated with CDC track

VXDCPRI: Location of CDC track extrapolated to 4 layers. with primary vertex constraint.

VXLINK: Clusters on one link, and quality of link

VXMCCCD: Points to Monte Carlo hits on each CCD

VXMCHIT: Information on each Monte Carlo hit

VXMCVEC: Points to hits on each Monte Carlo track

VXPTHIT: Relates M.C. hits to found clusters

VXPTVEC: Relates M.C. tracks to found vectors

VXPRECL: Temporary bank used for clustering

VXPREXT: Information on each primary cluster

VXPXLS: Unpacked raw data for each hit pixel

VXRDCCD: Clusters in primary error ellipse

VXROAD: Points to CCD's in primary extrapolation

VXSECCD: Intersection point of secondary extrapolation for all tracks with primary extrapolation hits.

VXSEXT: Primary extrapolation point and intersection point of secondary extrapolation for tracks with secondary hits

VXSXCLS: Clusters in secondary extrapolation error ellipse

VXTKSEC: Points to secondary extrapolations for each track

VXTKLNK: Points to possible links for each track

VXTMPCL: Temporary bank identical to VXCLUS

VXVEC: Cointains cluster locations for clusters on VXD vectors