#### General decoding process for intra blocks

Inputs to this process are:

…

* Otherwise, the following ordered steps apply:
* The variables nW, nH, nPbW, pbFactor, xPartInc and yPartInc are derived as follows:

nW = IntraSubPartitionsSplitType = = ISP\_VER\_SPLIT ? nTbW / NumIntraSubPartitions : nTbW (8‑46)

nH = IntraSubPartitionsSplitType = = ISP\_HOR\_SPLIT ? nTbH / NumIntraSubPartitions : nTbH (8‑47)

xPartInc = ISP\_VER\_SPLIT ? 1 : 0 (8‑48)

yPartInc = ISP\_HOR\_SPLIT ? 1 : 0 (8‑49)

nPbW = Max( 4 , nW ) (8‑50)

pbFactor = nPbW / nW (8‑51)

* The variables xPartPbIdx, xPartIdx and yPartIdx are set equal to 0.
* For i = 0..NumIntraSubPartitions − 1, the following applies:

~~1. The variables xPartIdx and yPartIdx are updated as follows:~~

~~xPartIdx = xPartIdx + xPartInc (8‑52)~~

~~yPartIdx = yPartIdx + yPartInc (8‑53)~~

~~xPartPbIdx = xPartIdx % pbFactor (8‑54)~~

1. When xPartPbIdx is equal to 0, the intra sample prediction process as specified in clause 8.4.5.2 is invoked with the location ( xTbCmp, yTbCmp ) set equal to ( xTb0 + nW \* xPartIdx, yTb0 + nH \* yPartIdx ), the intra prediction mode predModeIntra, the transform block width nTbW and height nTbH set equal to nPbW and nH, the coding block width nCbW and height nCbH set equal to nTbW and nTbH, and the variable cIdx as inputs, and the output is an (nPbW)x(nH) array predSamples.
2. The scaling and transformation process as specified in clause 8.7.2 is invoked with the luma location ( xTbY, yTbY ) set equal to ( xTbY + nW \* xPartIdx, yTbY + nH \* yPartIdx ), the variable cIdx, the transform width nTbW and the transform height nTbH set equal to nW and nH as inputs, and the output is an (nW)x(nH) array resSamples.
3. The picture reconstruction process for a colour component as specified in clause 8.7.5 is invoked with the transform block location ( xTbComp, yTbComp ) set equal to ( xTb0 + nW \* xPartIdx, yTb0 + nH \* yPartIdx ), the transform block width nTbW, the transform block height nTbH set equal to nW and nH, the variable cIdx, the (nW)x(nH) array predSamples[ x ][ y ] with x = xPartPbIdx \* nW..( xPartPbIdx +1 ) \* nW − 1, y = 0..nH − 1, and the (nW)x(nH) array resSamples as inputs, and the output is a modified reconstructed picture before in-loop filtering.
4. The variables xPartIdx, yPartIdx and xPartPbIdxare updated as follows:

xPartIdx = xPartIdx + xPartInc

yPartIdx = yPartIdx + yPartInc

xPartPbIdx = xPartIdx % pbFactor