## WORK SEQUENCE

We began by setting up a completely regular and symmetrical grid, based on various plans downloaded from the internet. Over time as we understood the building better the grid has been adjusted to reflect important irregularities.

However, a strategic decision was made to keep the grid orthogonal. We do not have access to a point cloud and our aim is to understand the fundamen logic of the building. Trying to mode
would hugely complicate the work.

We did find a horizontal cut through Andrew Tallon's point cloud on the publicly accessible Leica TruView site, and this is the primary reference used here.

The Skewed Grid is a drafting study for reference only: an attempt to record he main deviations from square / orthogonal alignments. We have kept th East End fully symmetrical. Any other approach would be problematic, subtle transitions across the transept to allow the aisles of the Nave to be wider: slightly wider to the South and significantly wider on the North side. More transitions under the bell towers result in the North tower being about a metre wider than the South tower

## SKEWED GRID

close match to reality ( 2 d drafting)



2d drafted "skew" v point cloud


THE MODEL
Revit elements v Point Cloud

## INTRODUCTION

Notre Dame de Paris, Our Lady of Paris
There were previous churches on the site
The current building was begun in 1160 by Bishop Maurice de Sully and was
It dese in
10thas desecrated in the 1790s during the French Revolution but restored in the Hugo's novel, Enogene Viollet-le-Duc. This was partly motivated by Victor Hugo's novel, known in English as "The Hunchback of Notre Dame

## WEST FRON

Bell Towers
Rose Window
Gallery of Kings
Three Entrance Portal
he original spire wa
emoved in 1786 but
estored a century later by
Viollet-le-Duc









THE WEST FRONT
Overlooking a argee pubbic square, the public face of Notre Dame can be seen
Two bell towers, the north one slighty wider than the sout
A colonnade, wraps around both towers and supports an

The Gallery of Kings: bibical figures in medieval dress
Three pootals, profusely decorated with sculpural detail


THE EAST END
The apse is based around a complex radial geometry. At its heart, the hig
altar, rortecteded by a curved screen. Two aises run around formin

regular, but on closer inspection there ame are many minior variations: in the

## GALLERY OF KINGS

The statues were desecrated during the erench Revolution
and the inches stood empty for many years. They were
restored by Violet
astored by Violete-le-Duc.
Because the Notht Tower is sigigicicantly wider than the
South tower, there is spac for on one more statue, althoug
this fact is is not obvious a a tirst glance.
matman


At the base, stepping down the valleys of the main roof likeness of VLD himself.

$\qquad$



north transept
crossing





