if attachment filename contain semicolon ";" we get RecodNotFound error on web server puma

AttachmentController raise RecordNotFound if attachment filename does not match with http request parameter "filename"

def find_attachment
    @attachment = Attachment.find(params[:id])

    # Show 404 if the filename in the url is wrong
    raise ActiveRecord::RecordNotFound if params[:filename] && params[:filename] != @attachment.filename

    @project = @attachment.project
    rescue ActiveRecord::RecordNotFound
    render_404
end

if http parameter contain semicolon, webserver puma - drop it and characters after.

According to rfc1738 (https://tools.ietf.org/html/rfc1738#section-3.3) such behavior is correct, because semicolon is reserved symbol, and must be encoded in %3B (in url)

Puma issue (https://github.com/puma/puma/issues/1122) - here is little bit more information about trouble.

I try use attachment_path helper in app/views/attachments/_links.html.erb (instead hash in link_to), and it seems to be improve situation, url was encoded right, with %3B instead ";"
def escape_segment(segment)
    escape(segment, PUMASEGMENT)
end
end

#3 - 2020-03-21 12:14 - Toshi MARUYAMA
- File puma.png added
- Status changed from New to Closed

Fixed by https://github.com/puma/puma/pull/1934

puma.png

Files

<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Owner</th>
</tr>
</thead>
<tbody>
<tr>
<td>puma.png</td>
<td>20.1 KB</td>
<td>2020-03-21</td>
<td>Toshi MARUYAMA</td>
</tr>
</tbody>
</table>