

# Summary of Comments on 2111-086-SUB1-PLANS\_review.pdf

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 Author: Building Review (gareth.reece@mercergov.org) Subject: Comment Date: 2/14/2022 12:28:42 PM

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Provide framing details for landing and stair construction clarifying where point loads from landing construction might fall on the floor system.

 Author: Mark Myers, PE (myengineer@centurytel.net) Subject: Sticky Note Date: 2/15/2022 9:21:36 AM

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The overframing for the landing will not impose significant point loads on the supporting Main floor joists. However, we have added an LSL joist to help transfer the load from the LSL at the top of the stair where it bears on the closet wall.

 Author: Building Review (gareth.reece@mercergov.org) Subject: Comment Date: 2/14/2022 12:59:30 PM

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Provide details and locations for crawlspace ventilation. From foundation details and building section it appears that wells may be necessary for crawlspace vents?

 Author: Mark Myers, PE (myengineer@centurytel.net) Subject: Sticky Note Date: 2/15/2022 12:15:21 PM

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Vent locations have been indicated on plans and a note specifying blockouts at slabs has been added as well.

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✓ Author: Building Review (gareth.reece@mercergov.org) Subject: Length Measurement Date: 2/14/2022 1:35:11 PM  
19'-8 3/4"

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💬 Author: Building Review (gareth.reece@mercergov.org) Subject: Comment Date: 2/14/2022 1:36:09 PM  
Clarify the joist size for this span


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↩️ Author: Mark Myers, PE (myengineer@centurytel.net) Subject: Sticky Note Date: 2/15/2022 12:27:54 PM  
The plan clearly indicates the use of 11-7/8" TJI 230 I-joists @ 16" o.c. spanning from grid 5 over the interior wall to the Garage wall at Grid 4 and to the rim/beam at or near Grid 2. For increased clarity we have moved the joist callout to the west side of the interior wall.


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 Author: Building Review (gareth.reece@mercergov.org) Subject: Comment Date: 2/14/2022 12:45:58 PM


Clarify how panel edge nailing is provided for shear transfer from the roof diaphragm to the blocking.

 Author: Mark Myers, PE (myengineer@centurytel.net) Subject: Sticky Note Date: 2/15/2022 9:17:25 AM  
We have revised the detail

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 Author: Building Review (gareth.reece@mercergov.org) Subject: Comment Date: 2/8/2022 3:26:23 PM

Roof truss construction and in particular the center roof has long spans which will result in live load deflections on the roof. Provide details for interior wall connections to allow for displacement without damage to finishes.

 Author: Mark Myers, PE (myengineer@centurytel.net) Subject: Sticky Note Date: 2/15/2022 12:33:07 PM  
All trusses on this project are less than 30ft spans, exceed 4/12 pitch and have raised heels at the bearing walls. Excessive live load deflection is not typical for these conditions. Determining best practices for installation of cosmetic finishes is the responsibility of the contractor and their GWB sub-contractor.

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Author: Building Review (gareth.reece@mercergov.org) Subject: Comment Date: 2/14/2022 12:54:52 PM

Please revise to indicate actual crawlspace max height (or provide calculations etc for the 8' max)

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Author: Mark Myers, PE (myengineer@centurytel.net) Subject: Sticky Note Date: 2/15/2022 7:44:17 AM

Minimum Crawl space heights are indicated on the foundation plan, while this detail clarifies the maximum crawl space depth that will work with this foundation wall specification. Until excavation begins it is impossible to know the final crawl space depth as there is always the possibility of encountering unexpected subsurface conditions. This detail establishes a boundary of conditions where additional engineering may be needed.