

DESIGN ASSUMPTIONS

Floor Loads:

T/C Live: 40 psf B/C Live: 0 psf
T/C Dead: 15 psf B/C Dead: 0 psf

Load Case: Live

Deflection Criteria: L/360 Live L/240 Total
Building Code: OBC-2012 (Limit States Design)

Building Type: Residential Importance Category: Normal (Part 9)
Design assumes continuous lateral bracing for both edges.
Joist Design Includes CCMC Vibration Check
Subfloor: 5/8" Canadian softwood plywood/Glued and Nailed
Ceiling: (None)
Blocking: (As Shown)

Reported Reactions are UN-FACTORED Loads

Connector List	
ID#	Model Number
H1	HUS1.81/10
H2	LT251188
H3	LT251188

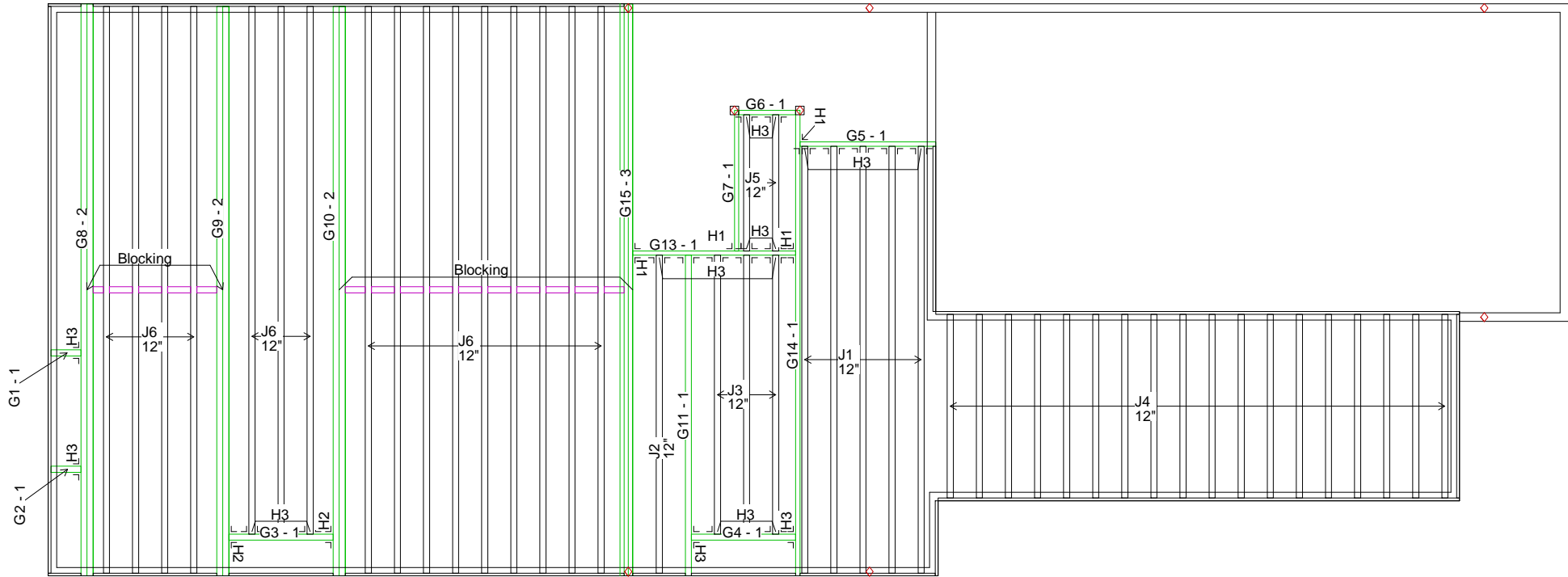
JOIST MATERIALS		
Type	Product	Length
J1	11 7/8" NI-20	16' 0"
J2	v v	12' 0"
J3	v v	10' 0"
J4	v v	8' 0"
J5	v v	6' 0"
J6	11 7/8" NI-40x	20' 0"

FLUSH GIRDERS		Length
Type	Product	
G1	11 7/8" NI-20	2' 0"
G2	v v	2' 0"
G3	v v	4' 0"
G4	v v	4' 0"
G5	1 3/4"x11 7/8" 2.0E Microllam LVL	6' 0"
G6	v v	2' 0"
G7	v v	6' 0"
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G14	v v	16' 0"
G15	v v	20' 0"

RIMBOARD & RIMJOISTS		
Type	Product	Length
R1	1-1/8" x 11-7/8" Rimboard	12' 0"

BLOCKING		
Type	Product	Length
E1	11 7/8" NI-40x	4' 0"

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See attached sealed span charts
for all uniformly loaded beams.
"ALL JOISTS UNDER TILED APPLICATIONS
SHALL CONFORM TO OBC 9.30.06"

GENERAL NOTES

- The building design professional is responsible for the overall structural stability of the structure.
- Minimum required bearings for joists is 1.75" 3.5" for intermediate bearings
- Minimum required bearings for LVL shall be 3" or the minimum required length indicated on the individual beam/girder member ~~minimum design~~ ^{whichever is greater}. Each ply of the member shall be supported for the full member width for the full required minimum length of the bearing.
- Unless otherwise noted, continuous lateral support must be provided to the compression edge of all joist/girder/beam members. Full support is considered to be a maximum unbraced length of 24". This restraint is normally provided by sheathing and/or framing members which must be adequately anchored to the member and supporting structure.
- Provide lateral support to all joist/girder/beam member components at all bearing locations to prevent lateral displacement and rotation.
- All joist/girder/beam member components shall be used in a dry, well ventilated environment where the moisture content will not exceed 18% - such as in most covered structures
- Point loads from above shall be solidly blocked (squash blocks) to solid bearing below.
- All floor sheathing must be attached (as indicated - nailed only or nailed and glued) for the entire length of the joist.
- Blocking required over all interior supports under load bearing walls or when floor joists are not continuous over support, for cantilevered joists or when indicated on the Iavo
- All lengths and quantities must be verified prior to installation.

— Represents Wall Above
◇ Represents Load From Above

Job: A15-085

Scale: 3/16" = 1'

Keybuild 1.102.1 (Build 4)



DWG. NO.

Main FL L-5

Argo Lumber Inc.
10275 Keele Street
Maple ON L6A 1S7
Tel: 905-832-2251
Drawn By: Scott Sostar

Esquire Homes
Riverrun
Ajax, Ontario
The Trillium
Elev. A

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Subfloor: 5/8" Canadian softwood plywood/Glued and Nailed
Ceiling: 1/2" gypsum
Blocking: (None)

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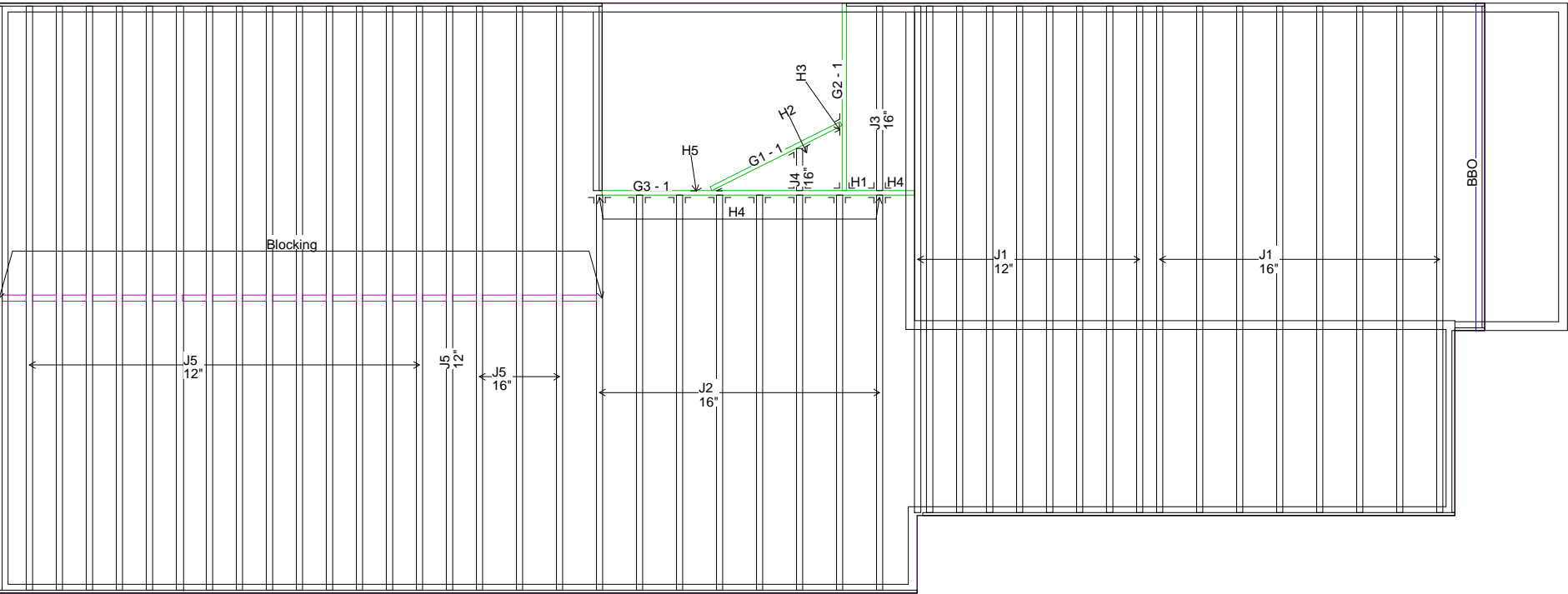
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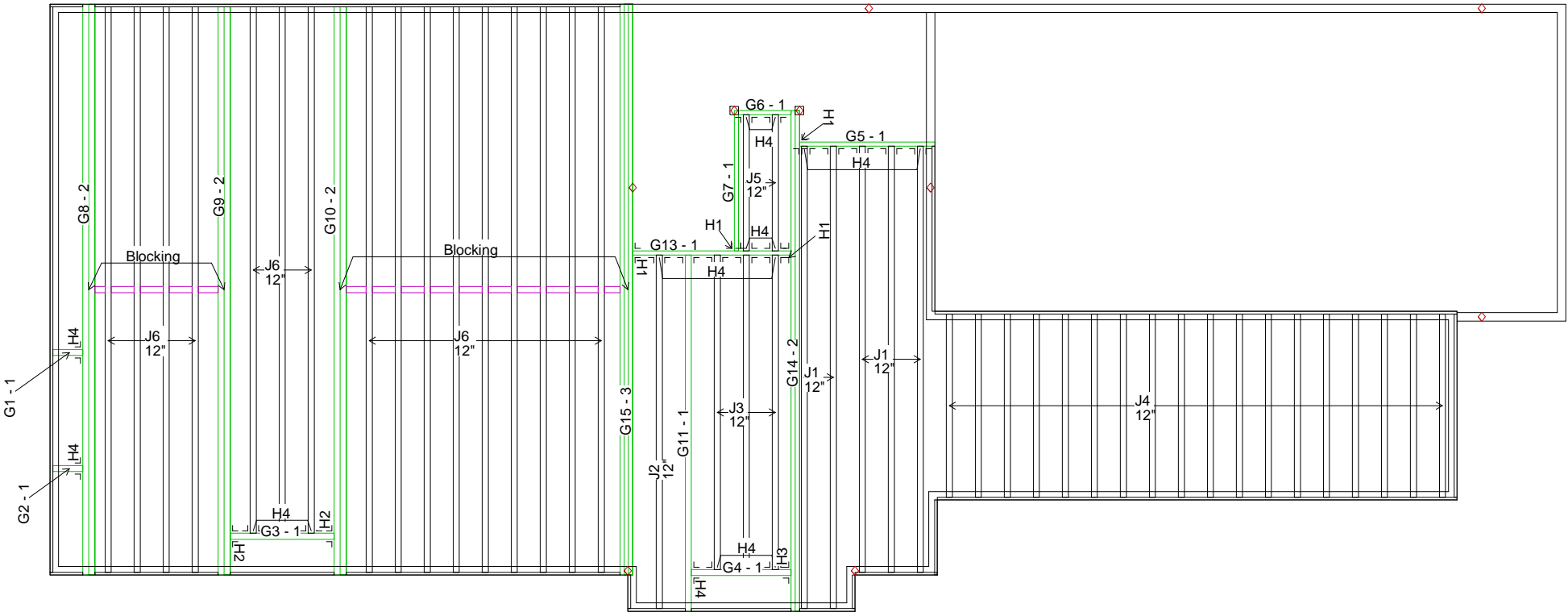
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