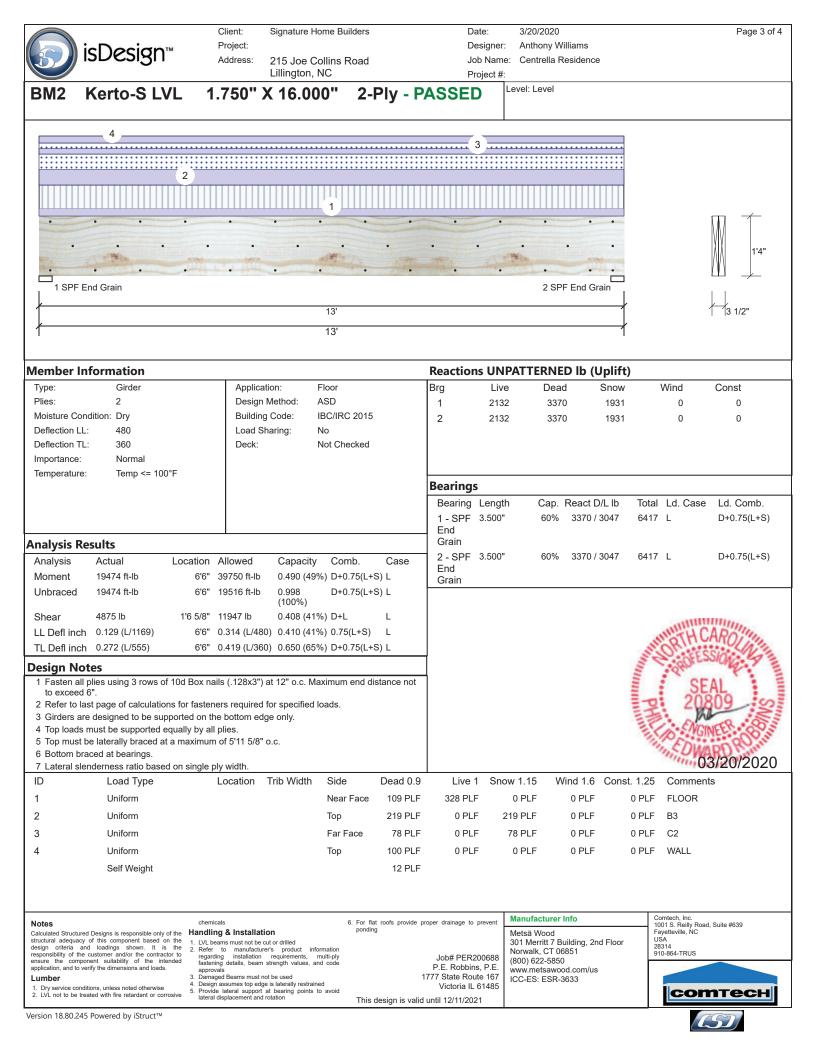


| | isDesign™ | Client: Project: Address: | Signature Home Bu 215 Joe Collins I Lillington, NC | | De Jo | ate: esigner: bb Name: roject #: | 3/20/2020 Anthony Williams Centrella Residence | Page 2 of 4 |
|---|---|---|---|-----------------------------------|---|---|---|--|
| BM1 | Kerto-S LVL | 1.750" | X 16.000" | 2-Ply - | PASSE | - | evel: Level | |
| · . | · · · · | | · · · | · · · | •••• | | · · · · | · |
| | • • • | • | • • | • | • • | • | • • • • • • • • • • • • • • • • • • • | |
| | End Grain | | 13 | '10" | | | 2 SPF End Gra | 3 1/2" |
| / | | | | '10" | | | | 3 1/2 |
| | | | | | | | | |
| Fasten all Capacity Load Yield Limit pei Yield Limit pei Yield Mode Edge Distance Min. End Dist Load Combina Duration Fact | 27: r Foot 32' r Fastener 81. IV e 1 1 ance 3" ation D+ | .2 % 2.5 PLF 7.4 PLF .9 lb. /2" ·L | (.128x3") at 12" | o.c Maximi | um end dista | nce noi | t to exceed 6" | SEAL O3/20/2020 |
| structural adequate design criteria responsibility of the ensure the com | ired Designs is responsible only of the cy of this component based on the and loadings shown. It is the he customer and/or the contractor to ponent suitability of the intended verify the dimensions and loads. | regarding installation fastening details, beam approvals 3. Damaged Beams must r | ion cut or drilled rer's product information requirements, multi-ply strength values, and code not be used | 6. For flat roofs prov ponding | /ide proper drainage to Job# PER2 P.E. Robbin 1777 State Rou | 200688 (s, P.E. | Manufacturer Info Metsä Wood 301 Merritt 7 Building, 2nd Floor Vorwalk, CT 06851 800) 622-5850 www.metsawood.com/us CC-ES: ESR-3633 | Comtech, Inc. 1001 S. Reilly Road, Suite #639 Fayetteville, NC USA 28314 910-864-TRUS |
| 1. Dry service co | nditions, unless noted otherwise treated with fire retardant or corrosive | Design assumes top edg | e is laterally restrained at bearing points to avoid | This design is | Victoria IL valid until 12/11/202 | 61485 | | соттесн |
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| | | Client: | Signature Home B | uilders | Date: | 3/20/2020 | Page 4 of 4 |
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| | isDesign™ | Project: | | | Designer: | Anthony Williams | |
| | 100 001311 | Address: | 215 Joe Collins Lillington, NC | Road | Job Name Project #: | : Centrella Residence | |
| BM2 | Kerto-S LVL | 1 750" | X 16.000" | 2-Ply - PA | | _evel: Level | |
| DIVIZ | | 1.750 | X 10.000 | 2-1 iy - 1 A | NOOLD | | |
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| 1 SPF | ⁻ End Grain | | | | | 2 SPF End Grain | |
| | | | 13' | | | 1 | 3 1/2" |
| 1 | | | 13' | | | 1 | • |
| | | | | | | | |
| Multi-Ply | Analysis | | | | | | |
| - | plies using 3 rows of | 10d Box nails | (.128x3") at 12" | o.c Maximum e | end distance no | ot to exceed 6" | |
| Capacity | | 0 % | | | | | |
| Load Yield Limit pe | | 3.5 PLF 5.6 PLF | | | | | |
| Yield Limit pe | | 9 lb. | | | | | |
| Yield Mode | IV 11 | / O " | | | | | |
| Edge Distand Min. End Dist | | 12 | | | | | |
| Load Combin | | | | | | | |
| Duration Fact | tor 1.0 | 0 | | | | | |
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| Notes | | chemicals | | For flat roofs provide pro ponding | | Manufacturer Info | Comtech, Inc. 1001 S. Reilly Road, Suite #639 |
| structural adequa | acy of this component based on the | Handling & Installat 1. LVL beams must not be | cut or drilled | ponding | | Metsä Wood 301 Merritt 7 Building, 2nd Floor | Fayetteville, NC USA 28314 |
| responsibility of t ensure the con | the customer and/or the contractor to mponent suitability of the intended | regarding installation | rer's product information requirements, multi-ply strength values, and code | | Job# PER200688 | Norwalk, CT 06851 (800) 622-5850 | 910-864-TRUS |
| application, and to Lumber | o verify the dimensions and loads. | approvals 3. Damaged Beams must | not be used | 17 | P.E. Robbins, P.E. 77 State Route 167 | www.metsawood.com/us ICC-ES: ESR-3633 | |
| | onditions, unless noted otherwise a treated with fire retardant or corrosive | Design assumes top ede Provide lateral support lateral displacement and | at bearing points to avoid | This design is valid u | Victoria IL 61485 Intil 12/11/2021 | | соттесн |
| Version 18.80.2 | 245 Powered by iStruct™ | | | 20019110 Valid u | | | соттесн |
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