


Two Story Residence  
For  
Orland Park Il. 60462

 <p><b>JLM</b> Group, Inc.</p> <p><i>Developing with life</i></p> <p><i>Focus on Africa</i></p>	
<p>Ph: <b>708-404-4451</b></p>	
<p>708-404-4451</p>	
<p>10-10</p>	<p>BERGAL</p>
<p>A-20</p>	<p>BERGAL</p>
<p>A-20</p>	<p>CONVENTION PLAZA</p>
<p>A-21</p>	<p>FIREHOUSE PLAZA</p>
<p>A-22</p>	<p>SECORD PLAZA</p>
<p>A-20</p>	<p>SECORD / BLUMENT</p>
<p>10-10</p>	<p>BERGAL</p>

[illegible]

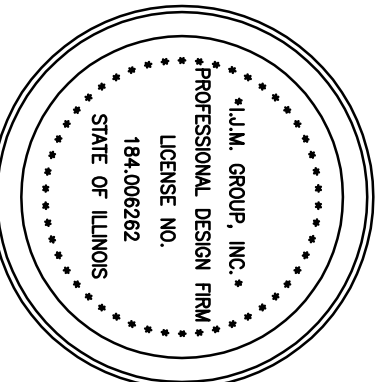
2.15.2012

2012-161

# CERTIFICATION

I HEREBY CERTIFY THAT THESE DRAWINGS WERE PREPARED UNDER MY DIRECT SUPERVISION, AND THAT THEY, TO THE BEST OF MY KNOWLEDGE, COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES OF THE GOVERNING BODY HAVING JURISDICTION.

IAN McDONNELL - ILLINOIS REGISTRATION NO. 001-020866  
 LICENSE EXPIRES: 11.30.2014      DATE SIGNED: \_\_\_\_\_



EXP. 04.30.2013

## MINERAL ROOF NOTES

1. USE CANADIAN SPURCE-ONE/FIR, NO.1/NO.2 FOR ROOF RAFTERS THRU 2x10's, 2x12's ROOF RAFTERS SHALL BE HEAVY/HEAVY PER THE U.S. SPAN BOOK FOR MAJOR LUMBER SPECIES' 2008 EDITION. SNOW REGION, SPAN TABLES FOR SPURCE-ONE/FIR NO.1/NO.2 FOR NORTHERN LUMBER:  
2x6 @ 16' O.C. = 11'-5"    2x8 @ 16' O.C. = 14'-5"    2x10 @ 16' O.C. = 17'-5"  
2x6 @ 12' O.C. = 15'-0"    2x8 @ 12' O.C. = 16'-5"    2x10 @ 12' O.C. = 20'-0"  
SPAN TABLES FOR HEAVY/HEAVY NO.1/NO.2 FOR NORTHERN LUMBER:  
2x12 @ 12' O.C. = 24'-11"
- \* CARPENTER CONSTRUCTION NOTE: THE ABOVE SPAN TABLES ARE TO BE USED FOR REFERENCE FOR ALL OTHER JOISTS. THE JOIST SPACING FOR ALL JOISTS IS TO BE 16" ON CENTER UNLESS OTHERWISE ALLOWED BY CODE. FURTHERMORE, IF RAFTERS SPAN IN A ROOF AREA CHANGES FROM MAXIMUM SPAN OF 16' TO LESSER THAN THE BIG CONSTRUCTOR MAY MAKE THAT ADJUSTMENT (E.G. 2x10'S TO 2x8'S) BY ALLOWING THE BIG CONSTRUCTOR TO MAKE THAT ADJUSTMENT.
2. HP OR I-BEAM RAFTERS EXCEEDING 24'-0" IN LENGTH SHALL BE 1 3/4" WIDE GANG LAM MEMBERS \* RAFTERS 2. DEPTH SHALL BE 7" DEEP
3. ALL HIP VALLEY CORP'L JOACKS SHALL BE INSTALLED AND SHALL BE EQUAL IN DEPTH AND SPACING TO MAIN RAFTER SUPPORT INTO HIP OR VALLEY RAFTER.
4. VERTICAL ROOF SUPPORT USED FOR START OF FRAMING AS MARKED BY "X" SHALL BE INSTALLED TO BEARING WALL OR OVER 6 CEILING JOISTS.
5. COLLAR TIES SHALL BE INSTALLED FOR LOCAL GOVERNING BUILDING CODES.
6. WHERE HIP RAFTERS FRAME PERPENDICULAR TO CEILING JOISTS PROVIDE SOLID BLOCKING AT 8'-0" O.C. BETWEEN JOISTS FOR A DISTANCE OF 10'-0" FROM EXTERIOR WALL.

## RAFTER SCHEDULE

- |     |  |
|-----|--|
| (A) | 2 x 12° 16" 0.0. (HEM-R) (1)<br>MAX SPAN OF 22-53° |
| (B) | 2 x 12° 12" 0.0. (HEM-R) (1)<br>MAX SPAN OF 25-9°  |
| (C) | 2 x 10° 16" 0.0. (S.P.F. #2)<br>MAX SPAN OF 18-5°  |
| (D) | 2 x 10° 12" 0.0. (S.P.F. #2)<br>MAX SPAN OF 21-4°  |
| (E) | 2 x 8° 16" 0.0. (S.P.F. #2)<br>MAX SPAN OF 15-11°  |
| (F) | 2 x 8° 12" 0.0. (S.P.F. #2)<br>MAX SPAN OF 17-5°   |
| (G) | 2 x 6° 16" 0.0. (S.P.F. #2)<br>MAX SPAN OF 11-11°  |
| (H) | 2 x 6° 12" 0.0. (S.P.F. #2)<br>MAX SPAN OF 13-9°   |

ALL TRADES MUST CONFORM TO CURRENT EXISTING CODES APPLYING TO THIS PROJECT. CONTRACTORS TO VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE EXECUTING ANY WORK. REPORT ANY DISCREPANCIES AT ONCE. DO NOT SCALE DRAWINGS USE FIGURED DIMENSIONS ONLY.

\* ALL BEDROOMS SHALL HAVE AT LEAST ONE EGRESS WINDOW. SEE CODE BOOK.

UNIT GLASS AND/OR MULTIPLE UNIT GLASS SHALL BE INSULATED TEMPERED SAFETY GLASS PER