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MATERIAL-IN-STRUCTURE INSPECTION

A "Material-In-Structure" (MIS) inspection is a service that Timber Products Inspection, Inc. (TP) provides on a transient inspection basis. To perform an MIS inspection, TP compares the lumber in-situ to the grade requested by the client. Our nationally recognized approvals will not allow us to certify material in structure to be on-grade, because while in structure it is impossible to see all four faces and both ends of the individual pieces of lumber. Instead, the material can be inspected, and those pieces exhibiting visible defects that do not meet the grade requested can be identified as such. The remaining material is reported as having been compared to the required grade and being not visibly non-conforming to the grade requested. For example, if the analysis requires a No. 2 grade, our inspector will positively identify any piece that can be visibly identified as being below the grade of No. 2.

Grade comparisons take into account visible grade characteristics such as slope of grain, knot sizes, splits and shakes, among other things. To observe these characteristics, accessibility to the members must be available. Since the presence of paint, drywall, and/or insulation on or around the member prevents us from being able to see the lumber's characteristics, the removal of these items is required.

If the species of the material is unknown, small samples of the lumber can be submitted for positive identification prior to performing the MIS inspection. The samples will be viewed under a microscope and positively identified. By identifying the species prior to the MIS inspection, the client will be able to determine what grade (per National Design Specification) is desired. This will speed up the MIS inspection as well, which also reduces the client's cost.

The length of time required to perform these types of inspections is highly variable with accessibility to the wood framing being the biggest time factor. Based on this variability, we perform these inspections on an hourly basis (travel and site time) plus reimbursable travel expenses (lodging, mileage, meals, etc.). Availability of inspectors varies throughout the month, but we can typically accommodate a request within 2-3 weeks of receiving an executed letter of request and required retainer. Quicker times may be attainable, but it may add to travel costs.

On page 3, you will find a sample of our INSPECTION QUALIFICATION STATEMENT, which will be the basis of our inspection and contains sample verbiage of the language that we use as a part of our final reports, for your review and for you to take to your local building official prior to having TP perform the inspection. If you or your local building officials have any questions about the inspection or our report, please call me at (770) 922-8000 ext. 3400.

To proceed, return the completed and signed service request form on page 2 below, and submit the required retainer. Once we receive those, we can start the process of scheduling the inspection.

David H Conner
Timber Products Inspection, Inc.

OFFICE USE ONLY	
ACCT #:	
INSP:	
INVOICING:	VIA EMAIL

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MATERIAL IN STRUCTURE (MIS) SERVICE REQUEST FORM

FROM	(COMPANY NAME)	(CONTACT NAME)
BILLING ADDRESS	(STREET ADDRESS)	(CITY, ST, ZIP)
CONTACT INFO	(PHONE)	(EMAIL ADDRESS)
INSPECTION ADDRESS	(STREET ADDRESS)	(CITY, ST, ZIP)
JOBSITE CONTACT	(NAME)	(PHONE)
READY DATE:		

PRODUCT DESCRIPTION

SIZE (TH X W)	MOISTURE (DRY/GRN)	SPECIES	APPROX # OF PCS	GRADE NEEDED	WAIVERS?	OFFICE USE ONLY	
						MARKING METHOD	GRADE RULE BOOK TO BE USED

REQUEST - Inspect the material in structure described above, and identify those pieces non-conforming to the grade specified.

INSPECTION, TRAVEL, & REPORT RATE (hourly):	$125/hr
MINIMUM CHARGE (& REQUIRED RETAINER):	$500
ACTUAL TRAVEL EXPENSES & MILEAGE RATE OF:	$0.60/mi

ACKNOWLEDGMENTS - A retainer is required before inspection work can be scheduled. Full payment is required within 30 days of the final invoice date and before the final report is issued. By completing, signing and returning this form to Timber Products Inspection, Inc. ("TP"), you agree to indemnify and hold TP harmless from any claims, damages, charges, liabilities, demands, expenses, lawsuits or other obligations of any nature (including, but not limited to, attorneys' fees and costs), that are threatened, asserted or secured against, or are incurred, sustained or suffered by TP in connection with, resulting from, arising out of, or incident to your acts or omissions. You also confirm that the material to be inspected is not obscured by paint, drywall, insulation, or anything else that limits visibility.

SIGNED: _____ **DATE:** _____

RETURN TO: lumberdivision@tpinspection.com or 100 KEDRON DR, PEACHTREE CITY, GA 30269

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(SAMPLE REPORT VERBIAGE)

LEGEND AND QUALIFICATION STATEMENT

INSPECTION OBJECTIVE: Please note that the following qualification is essential to one's interpretation of this inspection report; DUE TO THE FACT THAT THE INSPECTED MEMBERS WERE IN PLACE IN A STRUCTURE, MAKING IT IMPOSSIBLE TO SEE ALL FOUR FACES AND BOTH ENDS OF EACH MEMBER, THIS REPORT, THEREFORE, DOES NOT CONSTITUTE A CERTIFICATION OF GRADE OF THE MATERIAL HEREIN DESCRIBED, NOR DOES IT PERTAIN TO ACCEPTANCE OR REJECTION OF THE REFERENCED STRUCTURE. THE ONLY OBJECTIVE OF THIS INSPECTION WAS TO MAKE THE BEST POSSIBLE OBSERVATIONS - UNDER THE CIRCUMSTANCES - COMPARING THE VISIBLE WOOD MEMBERS TO DEFINED GRADE CATEGORIES, IN ORDER TO IDENTIFY THOSE PIECES NON-CONFORMING TO SAID GRADE CATEGORIES. THE ASSIGNMENT OF A GRADE EXCLUSION CODE DOES NOT CONSTITUTE A CERTIFICATION OF GRADE OR ASSIGNMENT OF STRESS VALUES TO AN INDIVIDUAL PIECE OF LUMBER.

CODE LEGEND: Understanding of the following "GRADE EXCLUSION CODES" is essential to the appropriate use of this "MATERIAL IN STRUCTURE INSPECTION" report:

★: Signifies that no defects non-conforming to the grade of **#1** were observed. Please note, per the Inspection Objective section of this report, this code does not constitute a certification to the grade of **#1**.

✓: Signifies that no defects non-conforming to the grade of **#2** were observed. Please note, per the Inspection Objective section of this report, this code does not constitute a certification to the grade of **#2**.

O: Signifies that no defects non-conforming to the grade of **#3** were observed. Please note, per the Inspection Objective section of this report, this code does not constitute a certification to the grade of **#3**.

✘: Signifies that defects non-conforming to the grade of **#3** were observed.

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CREDIT CARD RETAINER PROCESSING REQUEST

DATE OF REQUEST: _____

CC#: _____

CARD EXP DATE: _____ CID#: _____

NAME ON CARD: _____

TYPE OF CARD: _____

BILLED AMOUNT*: $_____ ☐ PLUS 3%

*Note: Credit card convenience fee of 3% added to billed amount

EMAIL COPY OF RECEIPT TO: _____
EMAIL ADDRESS

OFFICE USE ONLY

TP ACCT NAME & NO: _____

TP INVOICE/TRANSACTION NUMBER BEING PAID: _____