

**ATC 7-1**

**Proceedings of a Workshop on Design of  
Horizontal Wood Diaphragms**

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by

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## PREFACE

The Proceedings document the results of a Workshop on the Design of Horizontal Wood Diaphragms held on November 19 and 20, 1979. The Workshop was funded by the National Science Foundation and conducted by Applied Technology Council (ATC). The objectives of the Workshop were to summarize the current state-of-practice and to establish research needs for horizontal wood diaphragms.

The Proceedings contain recommendations for future research, seven papers on state-of-the-practice and two papers on recent research. The state-of-the-practice papers are to be used for the development of guidelines for the design of horizontal wood diaphragms. The guidelines will be available from ATC in late 1980.

ATC would like to thank all those individuals who contributed to the success of the Workshop. We are most appreciative of the efforts of Dr. John B. Scalzi, Program Manager of the Earthquake Engineering Program of the National Science Foundation, for his assistance during the planning of the Workshop and for his continuous support and cooperation throughout the project. Our thanks to Mr. Daniel Shapiro, ATC President, and the ATC Board of Directors for their helpful advice and support. Special thanks to the Steering Committee—Noel Adams, Edward Diekmann, Bryne Eggenberger, Charles De Maria, Edward Teal and Edwin Zacher—for their assistance in organizing the workshop and their extensive input and efforts as chairmen of the working groups. Wilma Chappell, Office Administrator of ATC, deserves special mention for her assistance and dedication in handling all the organizational details and making the Workshop an enjoyable experience for all participants. Finally, our sincere appreciation goes to all authors of the papers and all participants who took time from their busy schedules to contribute to the success of the Workshop.

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TABLE OF CONTENTS

	<u>Page</u>
PREFACE . . . . .	i
TABLE OF CONTENTS . . . . .	iii
INTRODUCTION . . . . .	1
OBJECTIVES . . . . .	1
CONTENTS AND ORGANIZATION . . . . .	1
SUMMARY OF RECOMMENDATIONS: IDENTIFICATION OF HIGH PRIORITY NEEDS . . . . .	2
FINAL RECOMMENDATIONS . . . . .	5
ANALYSIS METHODS . . . . .	7
1. Develop Mathematical Models and Analysis Methods to Predict the Inelastic Response of Diaphragms . . . . .	7
2. Develop a Simplified Analytical Model to Predict Deflections of Diaphragms . . . . .	7
3. Develop Mathematical Models for Various Types of Wall Construction to Determine Permissible Deformations at Elastic and Inelastic Limits . . . . .	7
TESTING . . . . .	9
1. Perform Additional Dynamic Diaphragm Tests Using Either Cyclic Loads or Input from Realistic Earthquake Motions . . . . .	9
2. Determine What, if any, Size Effects Exist in the Performance of Diaphragm Tests . . . . .	9
3. Determine by Tests Distances Required for Ties and Collectors to spread Loads into the Diaphragm . . . . .	9
4. Tests of Existing Buildings . . . . .	10
5. Develop a Performance Criteria for the Testing of Connection Devices, Wall Ties and Collectors . . . . .	10
6. Evaluate by Tests Current Design Assumptions Associated with Subdiaphragms . . . . .	10
7. Study the Effect of Shear Slip on the Transfer of Diaphragm Shears to Chords or Vertical Resisting Elements . . . . .	10
8. Investigate Combination of In-Plane and Normal Forces on Diaphragm Performance . . . . .	10

9. Determine by Tests the Effect of Adhesives on Diaphragm Stiffness and Failure Mechanism . . . . .	10
PARAMETER AND CORRELATION STUDIES . . . . .	11
1. Correlate the Observed Response of Existing Instrumented Buildings with Appropriate Analytical Models . . . . .	11
2. Parameter Studies . . . . .	11
3. Determine the Effects of the Size and Location of Opening on the Force Distribution and Deformation of Diaphragms . . . . .	11
DESIGN NEEDS . . . . .	13
1. Disseminate Design Information to Engineers and Contractors . . . . .	13
2. Improve Post-Earthquake Inspection and Interpretation of Damage Caused by Natural Disasters such as Earthquakes and High Winds . . . . .	13
3. Determine More Realistic Methods for the Distribution of Seismic Loads in Wood Diaphragms . . . . .	13
4. Determine the Necessity of Code Enforced Aspects Ratios . . . . .	13
5. Develop New and/or Reexamine Current Shear Transfer Devices at Diaphragm Boundaries . . . . .	13
PRIORITIES OF THE RESEARCH RECOMMENDATIONS . . . . .	15
WOOD DIAPHRAGM MATERIALS . . . . .	17
J. Dobbins McNatt and William L. Galligan	
FIELD PERFORMANCE OF WOOD DIAPHRAGMS IN STRUCTURES SUBJECTED TO WIND FORCES . . . . .	51
Byron D. Spangler	
FIELD PERFORMANCE OF WOOD DIAPHRAGMS IN STRUCTURES SUBJECTED TO SEISMIC FORCES . . . . .	71
George W. Gray	
PERFORMANCE OF MECHANICAL FASTENERS IN WOOD DIAPHRAGMS . . . . .	109
E. George Stern	
WOOD DIAPHRAGM TESTING - PAST, PRESENT, PLANNED . . . . .	143
James R. Elliott	
ANALYSIS METHODS FOR HORIZONTAL WOOD DIAPHRAGMS . . . . .	173
Donald K. Jephcott and Harold S. Dewdney	

DESIGN DETAILS FOR THE TRANSFER OF FORCES IN WOOD DIAPHRAGMS TO VERTICAL ELEMENTS . . . . .	199
Edward F. Diekmann	
SEISMIC ANALYSIS OF WOOD DIAPHRAGMS IN MASONRY BUILDINGS . . . . .	253
R. D. Ewing, T. J. Healey and M. S. Agbabian	
PRELIMINARY INVESTIGATIONS INTO THE RESPONSE OF TIMBER DIAPHRAGMS . . . . .	277
Hota GangaRoa and L. D. Luttrell	
APPENDIX A . . . . .	297
ATC Report Information Sheet . . . . .	301