REFERENCES

- 1. ALLEN, H., "Effect of Direction of Loading on Compressive Strength of Brick Masonry", Proc. of Third International Brick Masonry Conference, Essen, 1973, pp 98-105.
- 2. AYRA, S.K. & Hegmier, G.A., "On Non-Linear Response Predictions of Concrete Masonry Assemblies, Proc. of North American Masonry Conference, Boulder, Colorado, August 1978, Paper No. 19.
- 3. BARONI, E., Tozzini, B & Vasarri, V., "Masonry Structures: Masonry as a Continuum Medium with Generalized Planes of Weakness", Paper presented to Fifth International Brick Masonry Conference, Washington D.C., October 1979.
- 4. BENJAMIN, J.R. & Williams, H.A., "The Behaviour of One-Storey Brick Shear Walls", Journal of Structural Div., A.S.C.E., Vol 84, No 4, July 1958, Paper 1723, pp 1-30.
- BRADSHAW, R. E. & Hendry, A.W. "Crushing Tests on Storey-Height Walls, 42 in. Thick: Further Results", The British Ceramic Research Association, Technological Note, No. 105, June 1967. www.lib.mrt.ac.lk
- 6. Brochelt, J.G., "Analysis of Brick Walls Subject to Axial Compression and In-Plane Shear", SIBMAC Proc., British Ceramic Research Association, Stoke-on-Trent, England, 1971, pp 263-265.
- 7. Chinwah, J.C.G., "Shear Resistance of Brick Walls', Ph.D. Thesis, University of London, 1972.
- 8. "Compressive, Flexural and Diagonal Tensile Testing of Small Scale Four Inch Brick Masonry Specimens", Structural Clay Products Research Foundation, Geneva, Illinois, Research Report No 1, October 1964.
- 9. "Compressive and Transverse Tests of Five-Inch Brick Walls", Structural Clay Products Research Foundation, Geneva, Illinois, Research Report No. 8, May 1965.

- 10. "Compressive, Transverse and Racking Strength Tests of Four Inch Brick Walls", Structural Clay Products Research Foundation, Geneva, Illinois, Research Report No. 9, August, 1965.
- 11. "Compressive and Transverse Strength Tests of Eight-Inch Brick Walls", Structural Clay Products Research Foundation, Geneva, Illinois, Research Report No. 10, October 1966.
- 12. DESAI, C.S. & Abel, J.F., "Introduction to the Finite Element Method", (Van Nostrand Reinhold, 1972).
- DRYSDALE, R.G. & Hamid, A.A. "Behaviour of Concrete Block Masonry Under Axial Compression", A.C.I. Proc., Vol. 76, No. 6, June 1979, pp 707-721.
- 14. DRYSDALE, R.G., Hamid, A.A. & Heidebrecht, A.C., "Tensile Strength of Concrete Masonry", Journal of the Structural Division, A.S.C.E., Vol. 105, No 517, July 1979, pp 1261-1276.

University of Moratuwa, Sri Lanka.

- 15. DRYSDALE, R., Vanderkeyt, R. & Hamid, A., Shear Strength of Brick Masonmylioints ac Paper presented to Fifth International Brick Masonry Conference, Washington D.C., October 1979.
- 16. FRANCIS, A.J., Horman, C.B. & Jerrems, L.B., "Effect of Joint Thickness and Other Factors on the Compressive Strength of Brickwork", SIBMAC Proc., British Ceramic Research Association, Stoke-on-Trent, England, 1971, pp 31-37.
- 17. GANJU, T.N., "Non-Linear Finite Element Analysis of Clay Brick Masonry", Proc. of Sixth Australian Conference on the Mechanics of Structures and Materials, August 1977, pp 59-65.
- 18. GREENLEY, D.G. & Cattaneo, L.E., "The Effects of Edge Load on the Racking Strength of Clay Masonry", SIBMAC Proc., British Ceramic Research Association, Stoke-on-Trent, England, 1971, pp 157-160.
- 19. GRIMM, C.T., "Strength and Related Properties of Brick Masonry", Journal of Structural Div., A.S.C.E., Vol. 101, No. ST1, January 1975, pp 217-232.

- 20. HALLER, P., "Load Capacity of Brick Masonry", Designing, Engineering and Constructing with Masonry Products, Gulf Publishing Co., Houston, Texas, 1969, pp 129-149.
- 21. HAMID, A.A., Drysdale, R.G. & Heidebrecht, A.C., "Shear Strength of Concrete Masonry Joints", Journal of the Structural Div., A.S.C.E., Vol. 105, No ST7, July 1979, pp 1227-1240.
- 22. HAMID, A.A. & Drysdale, R.G., "Suggested Failure Criteria for Grouted Concrete Masonry Under Axial Compression", A.C.I. Proc., Vol. 76, No. 10, October 1979, pp 1047-1061.
- 23. HAMID, A.A., "Behaviour Characteristics of Concrete Masonry", Ph.D. Thesis, McMaster University, Canada, Sept. 1978.
- 24. HERMIER, G.A., Nunn, R.O. & Arya, S.K., "Behaviour of Concrete Masonry Under Biaxial Stresses", Proc. of the North American Masonry Conference, Boulder, Colorado, August 1978, Paper No. 1.
- 25. HENDRY, A.W. A.W. Hurthy, M.R. A.W. A.W. A.W. A.W. A.W. A. July 1965, pp. 45-66.
- 26. HENDRY, A.W. & Sinha, B.P., "Shear Tests on Full-Scale Single Storey Brickwork Structures Subjected to Precompression", The British Ceramic Research Association, Technical Note, No 134, May 1969.
- 27. HENDRY, A.W., "A Note on the Strength of Brickwork in Combined Racking Shear and Compression", Proc. of British Ceramic Society, No. 27, December 1978, Load-Bearing Brickwork (6), pp 47-52.
- 28. HENDRY, A.W. & Sinha, B.P., "Shear Tests on Full-Scale Single Storey Brickwork Structures Subjected to Precompression", Civil Eng. and Public Works Review, 66, No 785, 1971.
- 29. HILSDORF, H.K., "An Investigation into the Failure Mechanism of Brick Masonry Loaded in Axial Compression", Designing, Engineering and Constructing with Masonry Products, Gulf Publishing Co., Houston, Texas, 1969, pp 34-41.

- 30. HUGHES, B.P. & Bahramian, B., "Cube Tests and the Uniaxial Compressive Strength of Concrete", Magazine of Concrete Research, Vol. 17, No 53, Dec. 1965, pp 177-182.
- 31. JOHNSON, F.B. & Thompson, J.N., "Development of Diametral Testing Procedures to Provide a Measure of Strength Characteristics of Masonry Assemblages", Designing, Engineering and Constructing with Masonry Products, Gulf Publishing Co., Houston, Texas, 1969, pp 51-57.
- 32. KALITA, U.C. & Hendry, A.W., "An Experimental and Theoretical Investigation of the Stresses and Deflections in Model Cross-Wall Structures", The British Ceramic Research Association, Technical Note, No. 148, October 1969.
- 33. KH00, C.L. & Hendry, A.W, "Triaxial Compression of Brickwork Mortar", The British Ceramic Research Association, Technical Note, No. 172, July 1971.

University of Moratuwa, Sri Lanka.

- 34. KHOO, C.L. Eletemory: Alleses & Haisore Writerion for Brickwork in Axial Compression British Ceramic Research Association, Heavy Clay Division, Technical Note No. 179, February 1972.
- 35. KHOO, C.L. & Hendry, A.W., "Strength Tests on Brick and Mortar under Complex Stresses for the Development of a Failure Criterion for Brickwork in Compression", Proc. of British Ceramic Society, No. 21, April 1973, Load-Bearing Brickwork (4), pp 51-66.
- 36. KUPFER, H., Hilsdorf, K. & Rusch, H., "Behaviour of Concrete under Biaxial Stresses", A.C.I. Proceedings, Vol. 66, 1969, pp 656-666.
- 37. LENCZNER, D., "Elements of Load-Bearing Brickwork", Pergamon Press, 1972.
- 38. LOSBERG, A. & Johansson, S., "Sideways Pressure on Masonry Walls of Brickwork", Paper presented at the International Symposium on Bearing Walls in Warsaw, June 1969.
- 39. MALE, D.J. & Arbon, P.F., "A Finite Element Study of Composite Action in Walls", Proc. of the 2nd Australian Conference on the Mechanics of Structures and Materials, Adelaide, South Australia, August 1969, paper No. 14.

- 40. MANN, W. & Muller, H., "Theoretical and Experimental Behaviour of Tangentially Stressed Masonry", paper presented to Fifth International Brick Masonry Conference (VIBMAC), Washington D.C., October 1979.
- 41. McKEAUGE, M.J., "Lateral Strength of Brickwork Panels", A Project Report for B.Sc. (Eng), University of Edinburgh, 1978.
- 42. MAYES, R.L. & Clough, R.W., "A Literatuve Survey Compressive, Tensile Bond and Shear Strength of Masonry", Report No. EERC 75-15, University of California, Berkeley, 1975.
- 43. MURTHY, C.K., "Model Studies Related: to Load-Bearing Brickwork", Ph.D. Thesis, University of Liverpool, October 1964.
- 44. MURTHY, C.K. & Hendry, A.W., "Investigation of the Behaviour of a Three-Storey Model Brickwork Structure", Technical Note eNorty 68f February 1985; Lanka.
- 45. MURTHY C.K. W. Hendry of One-Sixth Scale Model Brickwork", Technical Note, No. 65, February 1965.
- 46. MURTHY, C.K. & Hendry, A.W., "Model Experiments in Load-Bearing Brickwork", Building Science, Vol. 1, 1966, pp 289-298.
- 47. NUSS, L.K., Noland, J.L. & Chinn, J., "The Parameters Influencing Shear Strength Between Clay Masonry Units and Mortar", Proc. of North American Masonry Conference Boulder, Colorado, August 1978, Paper No. 13.
- 48. PAGE, A.W., "The In-Plane Deformation and Failure of Brickwork", Ph.D. Thesis, University of Newcastle, Australia, 1977.
- 49. PAGE, A.W., "A Model for the In-Plane Deformation and Failure of Brickwork", Engineering Bulletin CE8, March, 1978, University of Newcastle, N.S.W. Australia.

- 50. PAGE, A.W., "Finite Element Model for Masonry",
 Journal of Structural Div., A.S.C.E. Vol. 104, No. ST8,
 August 1978, pp 1267-1285.
- 51. PAGE, A.W., "A Model for the In-Plane Behaviour of Masonry and a Sensitivity Analysis of its Critical Parameters", paper presented to Fifth International Brick Masonry Conference (VIBMAC), Washington D.C., October 1979.
- 52. PAGE, A.W., "A Biaxial Failure Criterion for Masonry in the Tension-Tension Range", International Journal of Masonry Construction, March 1980.
- 53. PHILLIPS, D.V. & Zienkiewicz, D.C., "Finite Element Non-Linear Analysis of Concrete Structures", Proc. Institution of Civil Engineers, Part 2, 1976, Vol. 61, March, pp 59-88.
- PIEPER, K. & Trautsch, W., "Shear Tests on Walls", SIBMAC Proc., British Ceramic Research Association, Stoke-on-Trent England, 1971, pp 140-143.

 University of Moratuwa, Sri Lanka.

55. Polyard, Electronic Theses & Dissertations, G.L. Cairns, Trans, Nationallibending Chibrary for Science and Technology, Boston Spa., England, 1963.

- 56. SAHLIN, S., "Structural Masonry", 1st ed., Prentice Hall, N.J. 1971.
- 57. SAW, C.B., "Linear Elastic Finite Element Analysis of Masonry Walls on Beams", Building Science, Vol. 9, 1974, pp 299-307.
- 58. SAW, C.B., "Composite Action of Masonry Walls on Beams", Proc. of British Ceramic Society, No. 24, Sept. 1975, Load-Bearing Brickwork (5), pp 139-146.
- 59. SCHNEIDER, H., "Tests on Shear Resistance of Masonry", Proc. of Fourth International Brick Masonry Conference, Bruges, 1976, paper 4.b.12.

- 60. SCHNEIDER, H. & Schnell, W., "Tests on the Shear Strength of Brickwork", Betonwork and Fertigteil-Technik, 44 (1978) Heft 6, S. 303-309, Heft. 7., S.369-375.
- 61. SCRIVENER, J.C., "Static Racking Tests on Masonry Walls", Designing, Engineering and Constructing with Masonry Products, Gulf Publishing Co., Houston, Texas, 1969, pp 185-191.
- 62. SIMMS, L.G., "The Shear Strength of Some Storey-Height Brickwork and Blockwork Walls", CPTB Technical Note, Vol. 1. No 5, April 1964.
- 63. SINHA, B.P. & Hendry, A.W., "The Effect of Brickwork Bond on the Load-Bearing Capacity of Model Brick Walls", The British Ceramic Research Association, Technical Note, No. 81, March 1966.
- SINHA, B.P., "Model Studies Related to Load-Bearing Brickwork", Ph.D. Thesis, 1967, University of Edinburgh, U.K. University of Moratuwa, Sri Lanka.

 Electronic Theses & Dissertations
- 65. SINA, B.P. "Furthen Crushing Tests on Model Storey Height Brick Walls", The British Ceramic Research Association, Technical Note, No. 130, August 1968.
- 66. SINHA, B.P. & Hendry, A.W., "Investigation of the Behaviour of a Five-Storey Cross-Wall Structure in Brickwork", The British Ceramic Research Association, Technical Note, No. 127, June 1968.
- 67. SINHA, B.P., "The Influence of Numbers of Courses and the Effect of Brick Strength on Brickwork Strength", The British Ceramic Research Association, Technical Note, No. 131, August 1968.
- 68. SINHA, B.P. & Hendry, A.W., "Racking Tests on Storey-Height Shear Wall Structures with Openings, Subjected to Precompression", Designing, Engineering and Constructing with Masonry Products, Gulf Publishing Co., Houston, Texas, 1969, pp 192-199.
- 69. SINHA, B.P. & Hendry, A.W., "Further Tests on Model Brick Walls and Piers", Proc. of British Ceramic Society, No. 17., February 1970.

- 70. SINHA, B.P. & Hendry, A.W., "Tensile Strength of Brickwork Specimens", The British Ceramic Research Association, Technical Note, No. 219, March 1974.
- 71. SINHA, B.P., "A Simplified Ultimate Load Analysis of Laterally Loaded Model Orthotropic Brickwork Panels of Low Tensile Strength", The Structural Engineer, Vol. 56B, No. 4., December 1978, pp 81-84.
- 72. STAFFORD-SMITH, B., Carter, C. & Choudhury, J.R., "The Diagonal Tensile Strength of Brickwork", The Structural Engineer, Vol. 48, No. 6, June 1970, pp 219-225.
- 73. STAFFORD-SMITH, B. & Carter, C., "Hypothesis for Shear Failure of Brickwork", Journal of Structural Division, A.S.C.E., Vol. 97, No. ST4, pp 1055-1062, April 1971.
- 74. STAFFORD-SMITH, B. & Carter, C., "Distribution of Stresses in Masonry Walls Subjected to Vertical Loading", SIBMAC Proc., British Ceramic Research Assocation, Stoke-on-Trent, England 1971, pp 119-124.

 University of Moratuwa, Sri Lanka.
- 75. STAFFERO-SMITH, B. & Rahman, K.M.K., "The Variations of Stress in Vertical Modeled Brickwork Walls", Proc. of the Institution of Civil Engineers, Vol. 51, 1972, pp 689-700.
- 76. STAFFORD-SMITH, B.5& Rahman, K.M.K., "The Variation of Stresses in Brickwork Walls Subject to Shear Forces", Proc. of Third International Brick Masonry Conference, Essen, 1973, pp 167-173.
- 77. RIDDINGTON, J.R. & Stafford-Smith, B., "Analysis of Infilled Frames Subject to Racking with Design Recommendations", The Structural Engineer, Vol. 55, No. 6, June 1977, pp 263-268.
- 78. THOMAS, K. & O'Leary, D.C., "Tensile Strength Tests on Two Types of Brick", SIBMAC, Proc., Stoke-on-Trent, England, 1970, pp 69-74.
- 79. THOMAS, K., "Structural Brickwork-Materials and Performance", The Structural Engineer, October 1971, Vol. 49, No. 10, pp 441-450.

- 80. TURNSEK, V. & Cacovic, F., "Some Experimental Results on the Strength of Brick Masonry Walls", SIBMAC Proc., British Ceramic Research Association, Stoke-on-Trent, England, 1971, pp 149-156.
- 81. YOKEL, F.Y., Mathey, R.G. & Dikkers, R.D., "Strength of Masonry Walls Under Compressive and Transverse Loads", U.S. National Bureau Standards of Building Science, Series 34, 1971.
- 82. YOKEL, F.Y. & Fattal, S.G., "Failure Hypothesis for Masonry Shear Walls", Journal of Structural Division, A.S.C.E., Vol. 102, No. ST3, March 1976, pp 515-532.
- 83. YORULMAZ, M. & Atan, Y., "Behaviour of Model Masonry (brick) Walls under Biaxial Loading", Proc. of Seventh C.I.B. Congress, Edinburgh, 1977, Vol. B, pp 279-288.
- 84. ZELGER, C., "Shear Design of Brick Lintels", SIBMAC Proc., British Ceramic Research Association, Stoke-on-Trent, England, 1971, pp 161-164.
- 86. B.S. 5628: Part 1: 1978, Code of Practice for Structural Use of Masonry, Part 1, Unreinforced Masonry, British Standards Institution.
- 87. B.S. 3921. Bricks and Blocks of Fired Brickearth, Clay or Shale.