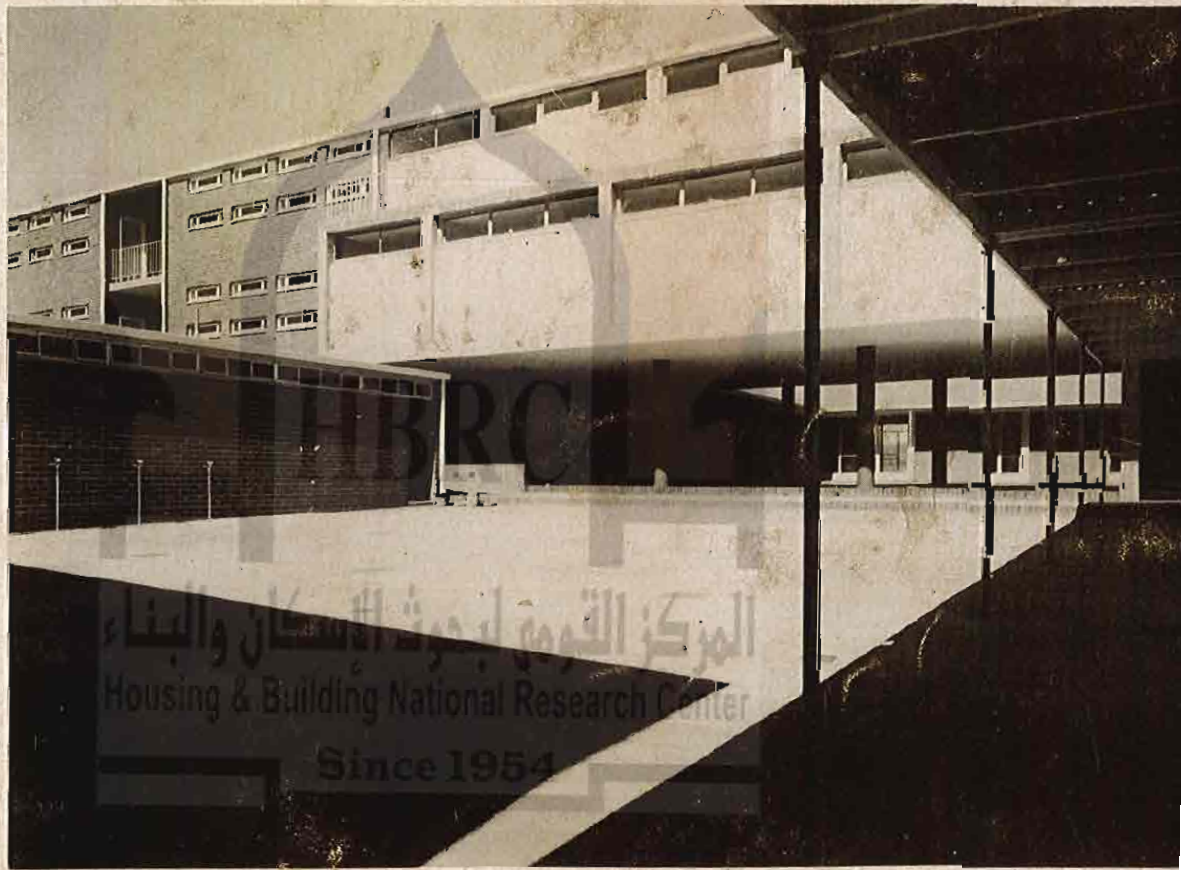


# LYTTELTON HIGH SCHOOL

بمركز البحوث  
الوطنية

a development project



TECHNICAL REPORT BY THE  
NATIONAL BUILDING RESEARCH  
INSTITUTE ON AN ASPECT OF  
SCHOOL BUILDINGS RESEARCH

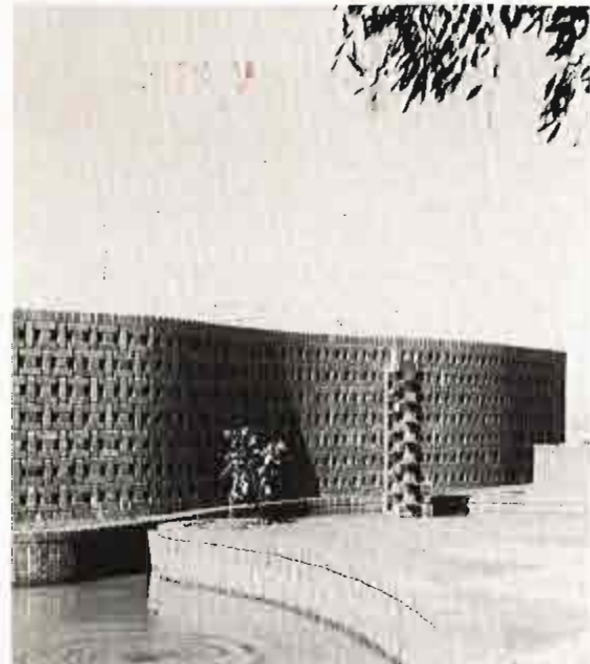
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LYTTELTON  
HIGH SCHOOL

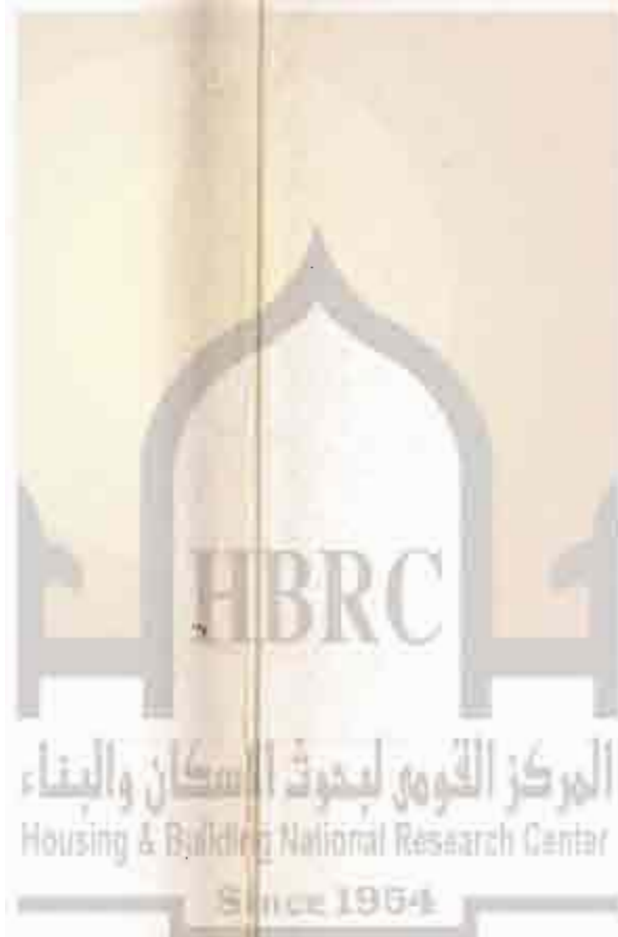
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View of pool and screen wall viewed from the entrance to the administrative block



# LYTTELTON HIGH SCHOOL

a development project

١٩٦١ ٢ ٧٦٩



**D. M. CALDERWOOD**  
*Chief Research Officer*

NATIONAL BUILDING RESEARCH INSTITUTE

South African  
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## PREFACE

The object of planning and building this high school was to test, in practice, the theoretical recommendations contained in the previous reports of the School Buildings Committee, and to meet the changing demands of education by producing a structure of the greatest possible flexibility.

In this report some of the problems encountered in planning high schools are discussed, and a method of co-operation between educationalists and architects is proposed so that a continually developing process of design can be maintained. Planning decisions and technical aspects of the work are reviewed, and plans and sections are given to illustrate the development of the Lyttelton school. Finally, a first application of the principles embodied in the development project is illustrated in the design of the Naboomspruit school. Certain aspects of standard type plans are reviewed and the conclusion is reached that, as site, climatic and technical conditions vary, only a system based on individual plans will really answer the demands of an ever-changing educational system.

## ACKNOWLEDGMENT

The author and his colleagues at the Council for Scientific and Industrial Research wish to thank the Transvaal Provincial Administration for providing the opportunity to apply the results of research to an actual building.

## CONTENTS

INTRODUCTION ... ..	1
Stating the problem ... ..	1
Modus operandi ... ..	2
GENERAL CONSIDERATIONS ... ..	4
THE SITE ... ..	4
ACCOMMODATION SCHEDULE ... ..	6
THE SCHOOL PLAN ... ..	10
The entrance and administrative wing ... ..	13
The classroom block ... ..	14
Library ... ..	14
Art room ... ..	15
Classrooms ... ..	15
Science laboratories ... ..	17
The assembly hall ... ..	18
Gymnasium ... ..	19
Manual training ... ..	19
Service rooms ... ..	20
Domestic science centre ... ..	20
Cycle sheds ... ..	21
Prefects' rooms ... ..	22
Planning generally ... ..	22
TECHNICAL CONSIDERATIONS ... ..	23
Sections through (a) administrative block ... ..	23
(b) classroom block ... ..	23
(c) staircase and library ... ..	25
(d) hall ... ..	25
(e) gymnasium ... ..	28
(f) manual training block ... ..	28
(g) domestic science unit ... ..	30
General aspects of technical decisions ... ..	31
THE APPLICATION OF THE LYTTTELTON PLAN ... ..	33
Plan Analysis of the Naboomspruit high school ... ..	35
The Naboomspruit high school plan ... ..	35
CONCLUSIONS ... ..	38

## LIST OF TABLES

1. Accommodation schedule recommended in Report No. 6 and that provided in the Lyttelton High School ... ..	7
2. Accommodation schedule of the Naboomspruit High School ... ..	36

## LIST OF FIGURES

1. Site plan ... ..	5
2. Zoning diagram ... ..	11
3. Entrance court and administrative block ... ..	12
4. Classroom block, centre portion ... ..	12
5. Classroom block, west portion ... ..	13
6. Classroom block, east portion ... ..	13
7. Piazza and hall ... ..	18
8. Change rooms, gymnasium and gyn terrace ... ..	19
9. Manual training block ... ..	20
10. Bicycle shed and domestic science block ... ..	21
11. Section 1, Administrative block ... ..	23
12. Section 2, Classroom block ... ..	24
13. Section 3, Staircase to classroom block ... ..	26
14. Section 4, Library and art room ... ..	27
15. Section 5, Hall ... ..	28
16. Section 6, Gymnasium ... ..	29
17. Section 7, Manual training ... ..	29
18. Section 8, Domestic science ... ..	30
19. North and south elevations ... ..	32
20. East and west elevations ... ..	32
21. Site plan of the Naboomspruit High School ... ..	33
22. Plan of the Naboomspruit High School ... ..	34
23. Elevations of the school at Naboomspruit ... ..	37

## LIST OF PHOTOGRAPHS

The piazza to the south of the hall ...	<i>front cover</i>
View of pool and screen wall viewed from the entrance to the administrative block ...	<i>frontispiece</i>
1. Model of the Lyttelton High School ... ..	10
2. *View on approaching the school ... ..	11
3. *The entrance court ... ..	14
4. *View from entrance hall looking north ... ..	14
5. *The library ... ..	15
6. *View along west side of hall looking north ... ..	15
7. *A classroom with storage alcove ... ..	16
8. *Looking west from the staircase to the laboratories ... ..	16
9. *Science laboratory ... ..	16
10. The staircase in classroom block ... ..	24
11. *Woodwork room ... ..	30
12. *View from cycle shed looking east ... ..	31

\* Note that these are photographs of sketches developed during the planning stage.