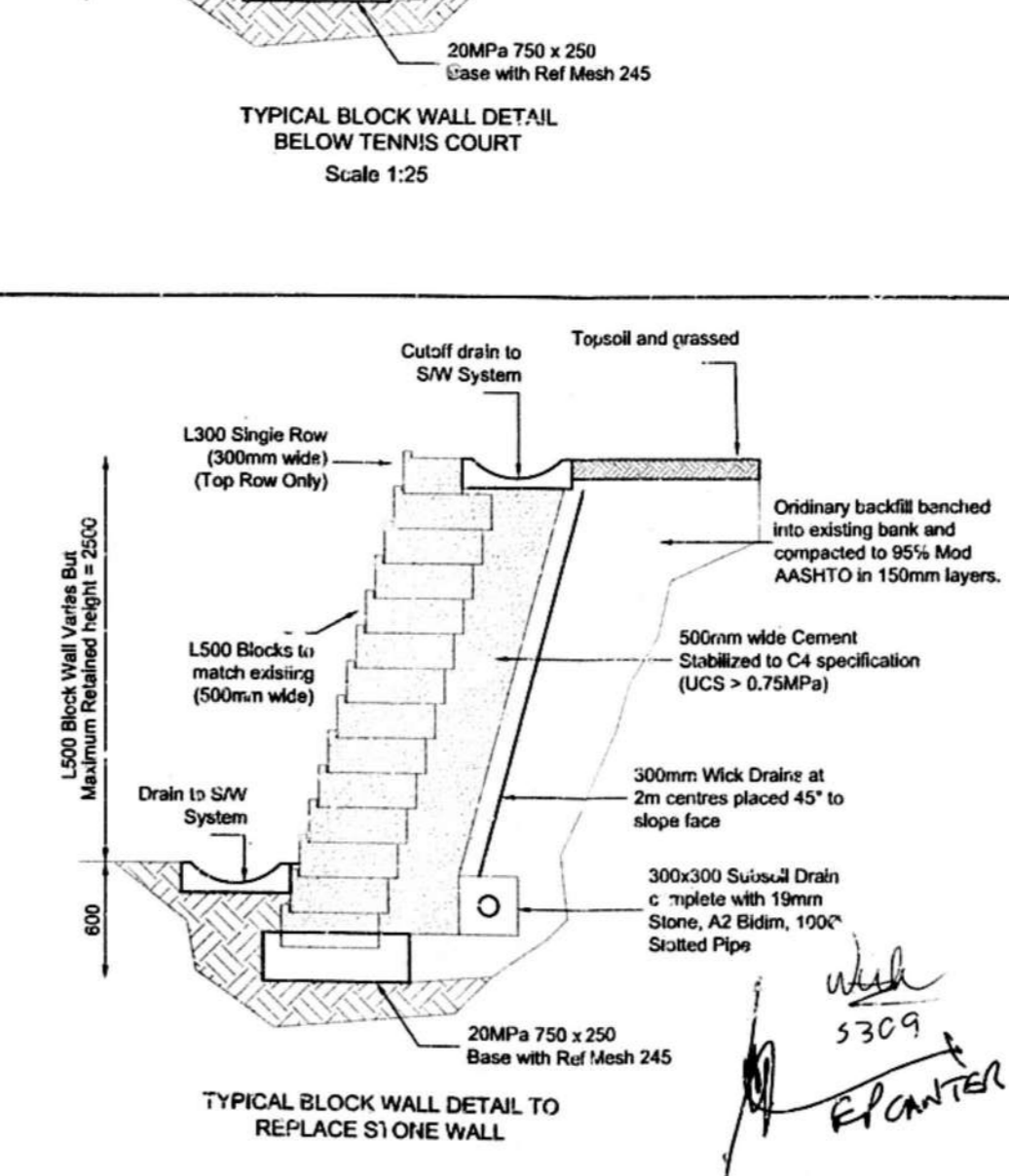


CALCULATIONS

Area	m <sup>2</sup>	Ave. m <sup>2</sup>	h (m)	Vol (m <sup>3</sup> )	Cum. (m <sup>3</sup> )
1	44				
2	108	76	0.05	3.8	3.8
3	165	136	0.05	6.8	10.6
4	283	184	0.05	9.2	19.8
5	425	354	0.05	17.7	37.5
6	400	412	0.05	20.6	58.1



- NOTES:
- All work to comply with SABS 1200 and NBR specifications.
  - Setting out co-ordinates to lines, levels and grades required remain the responsibility of the contractor.
  - Information relating to existing or future services that could affect the integrity of the design must be made available to the engineer upon discovery.
  - Safety on site remains responsibility of the contractor.
  - All excavations deeper than 1.0m are to be suitably shored.
  - Minimum cover to uPVC pipes 600mm.
  - Manholes to be benched smooth to facilitate inlet and outlet flows.
  - All pipe joints wrapped in A4 bitum coated with bituminous type seal.

SHEET 1 OF 1  
**ETHEKWINI MUNICIPALITY (CENTRAL)**  
 88 12 16  
 APPLICATION NO.

**PRELIMINARY ISSUED FOR APPROVAL**

This drawing, or design proposal, remains the copyright of Drennan Maud (Pty) Ltd and is not to be copied or disclosed to any persons other than the person to whom it is originally intended.

Rev.	Date	By	Checked	Approved
1				
2				
3				
4				
5				
6				

**DRENNAN MAUD (PTY) LTD**  
 GEOTECHNICAL ENGINEERS & ENGINEERING GEOLOGISTS  
 Reg. No. 2014/033872/7  
 2014/033872/7  
 P.O. Box 20454  
 Mayville  
 4001  
 T: +27 31 201 8992 F: +27 31 201 7920

**ALIZANNE LABUSCHAGNE FAMILY TRUST**

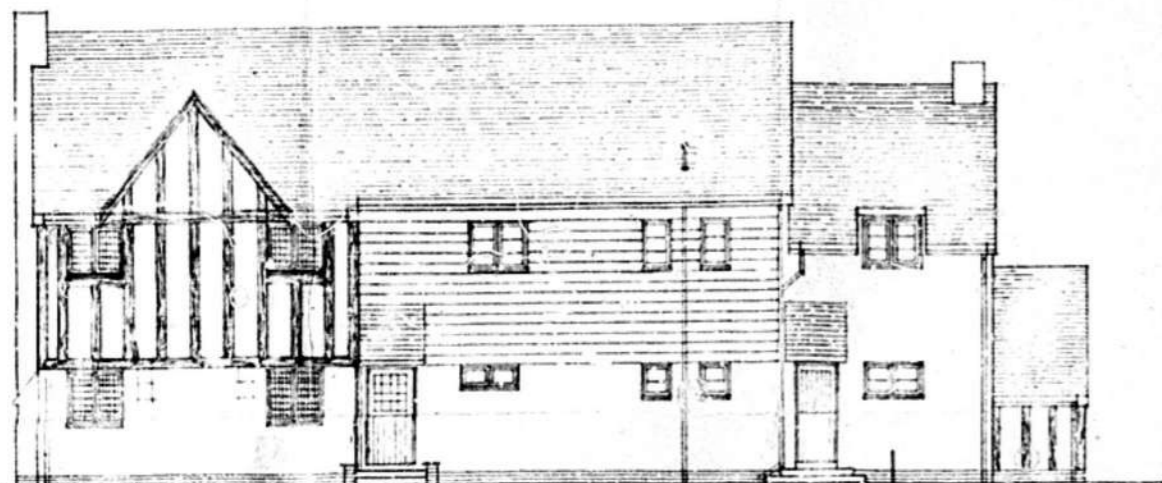
**286 INNES ROAD MORNINGSID (PORTION 1 OF ERF 659)**

**STORMWATER MANAGEMENT FOR TENNIS COURT AND RETAINING WALL DETAILS**

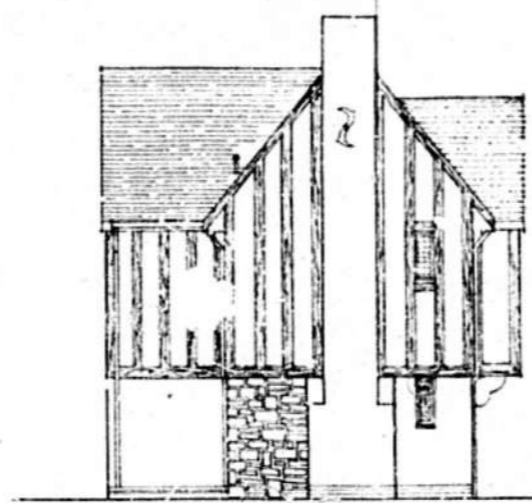




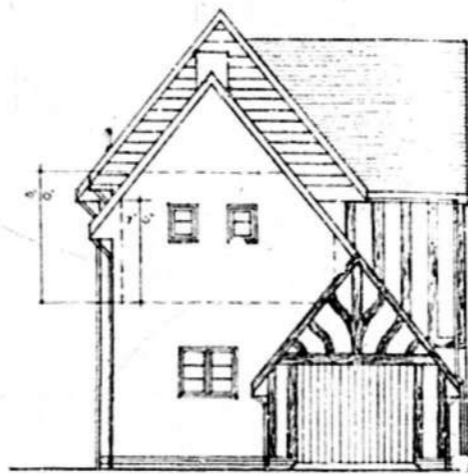




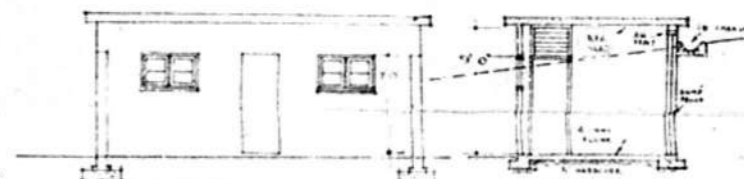
WEST ELEVATION



NORTH ELEVATION



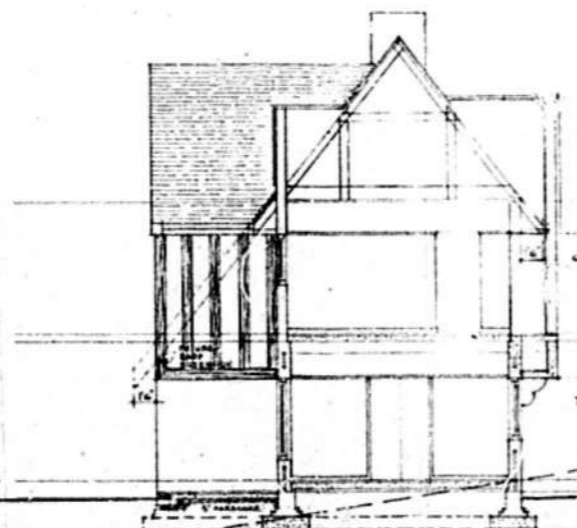
SOUTH ELEVATION



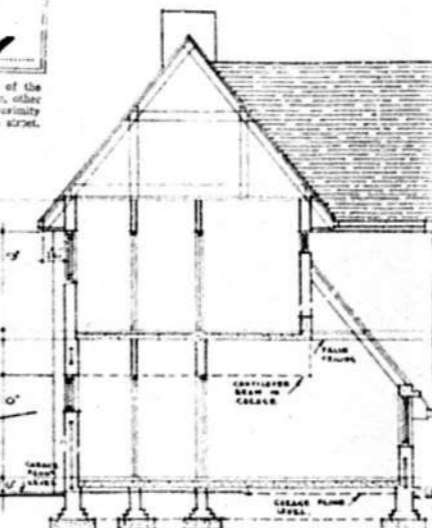
ELEVATION SECTION



EAST ELEVATION

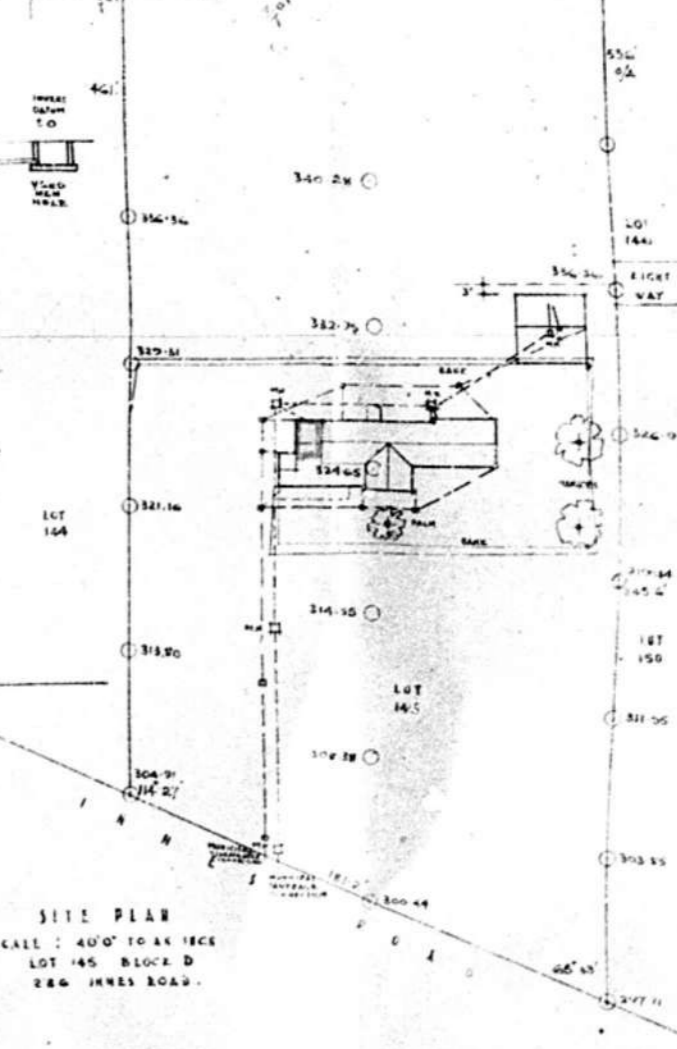
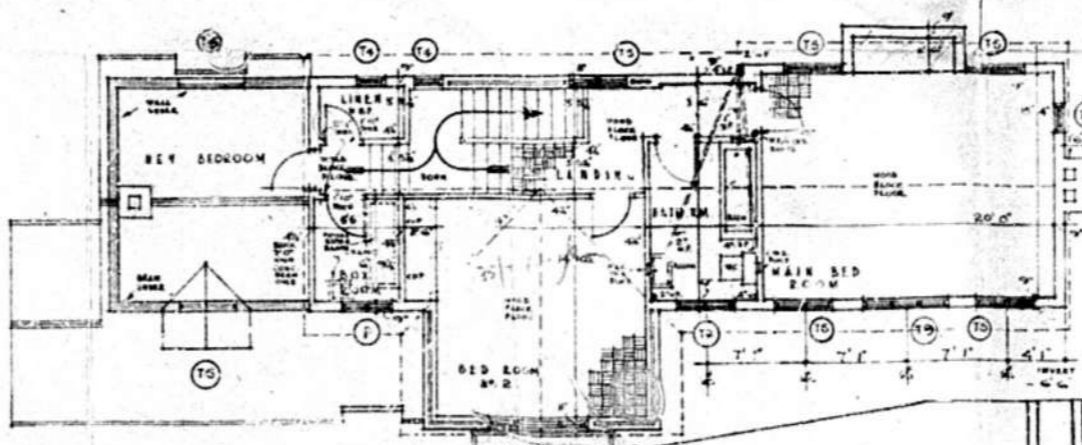
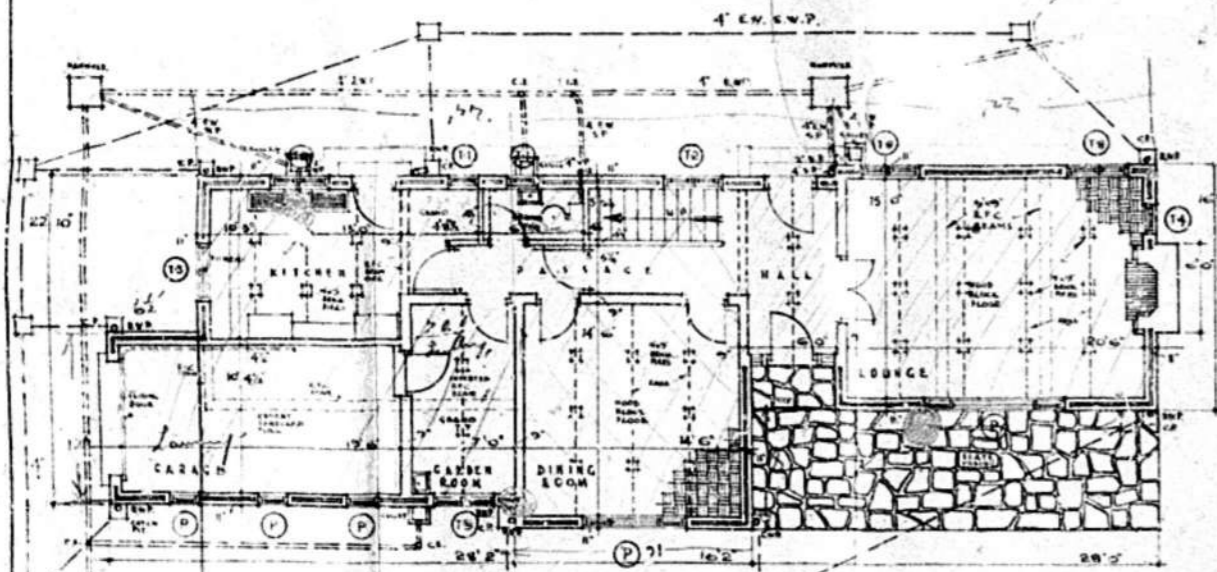
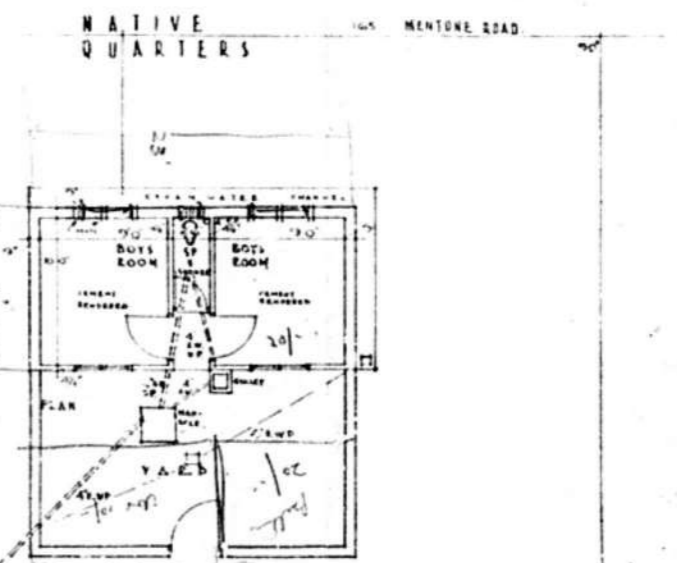


SECTION 'A.A.'



SECTION 'B.B.'

ROADS & DRAINAGE SECTION  
 Subject to the conditions of the  
 in conformity with the regulations of the  
 as stated hereunder.  
 DATE 11-4-29



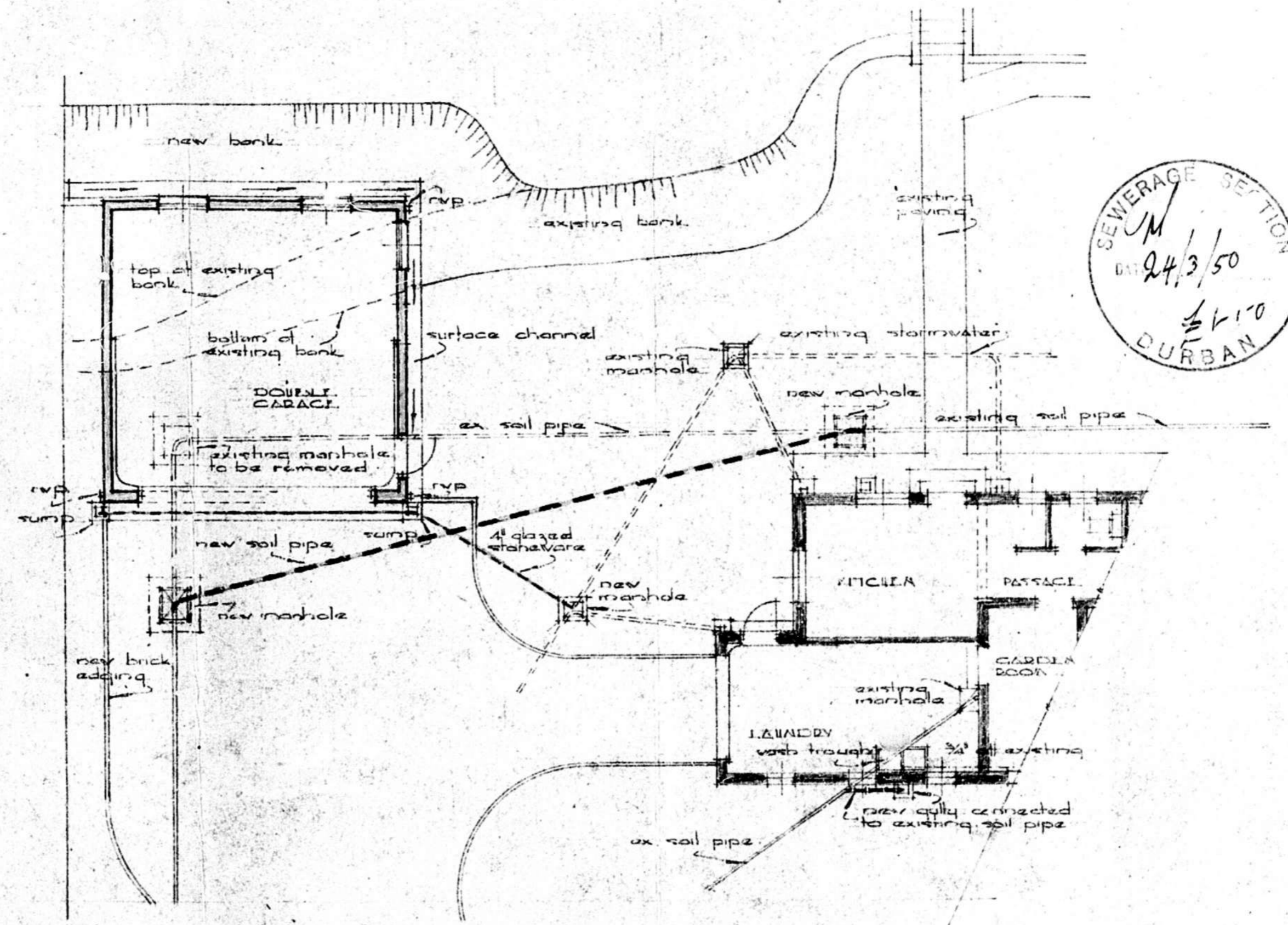
CITY OF DURBAN  
 11 APR 1930  
 SEWERAGE SECTION  
 1615  
 DATE 1-4-29  
 DURBAN

SITE PLAN  
 SCALE: 40' TO AN INCH  
 LOT 145 BLOCK D  
 286 JEWEL ROAD.

PROPOSED NEW RESIDENCE  
 286 JEWEL ROAD, DURBAN,  
 FOR G. C. DAWSON ESQ.

SCALE: EIGHT FEET & FORTY FEET TO AN INCH

NOTES: 1. ALL WORK TO BE DONE IN ACCORDANCE WITH THE REGULATIONS OF THE DURBAN MUNICIPALITY.  
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.  
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.  
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING STRUCTURES.  
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING PLANTS AND TREES.  
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING FENCES AND WALLS.  
 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING ROADS AND PATHS.  
 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.  
 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING STRUCTURES.  
 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING PLANTS AND TREES.  
 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING FENCES AND WALLS.  
 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING ROADS AND PATHS.



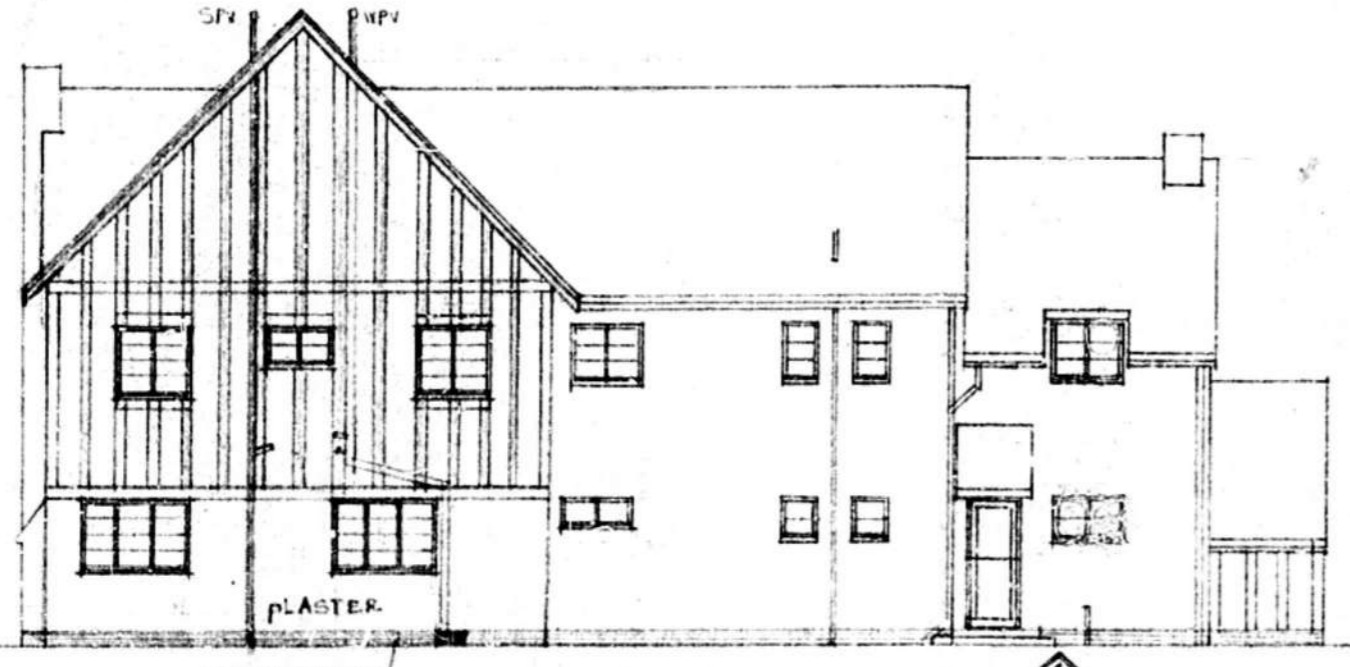
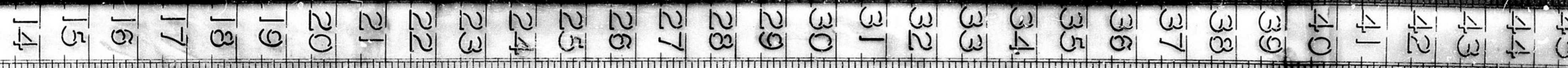
SEWERAGE SECTION  
 M  
 DATE 24/3/50  
 1/10  
 DURBAN

PREPARED BY  
 DRAWING  
 SCALE 1" = 8' 0"

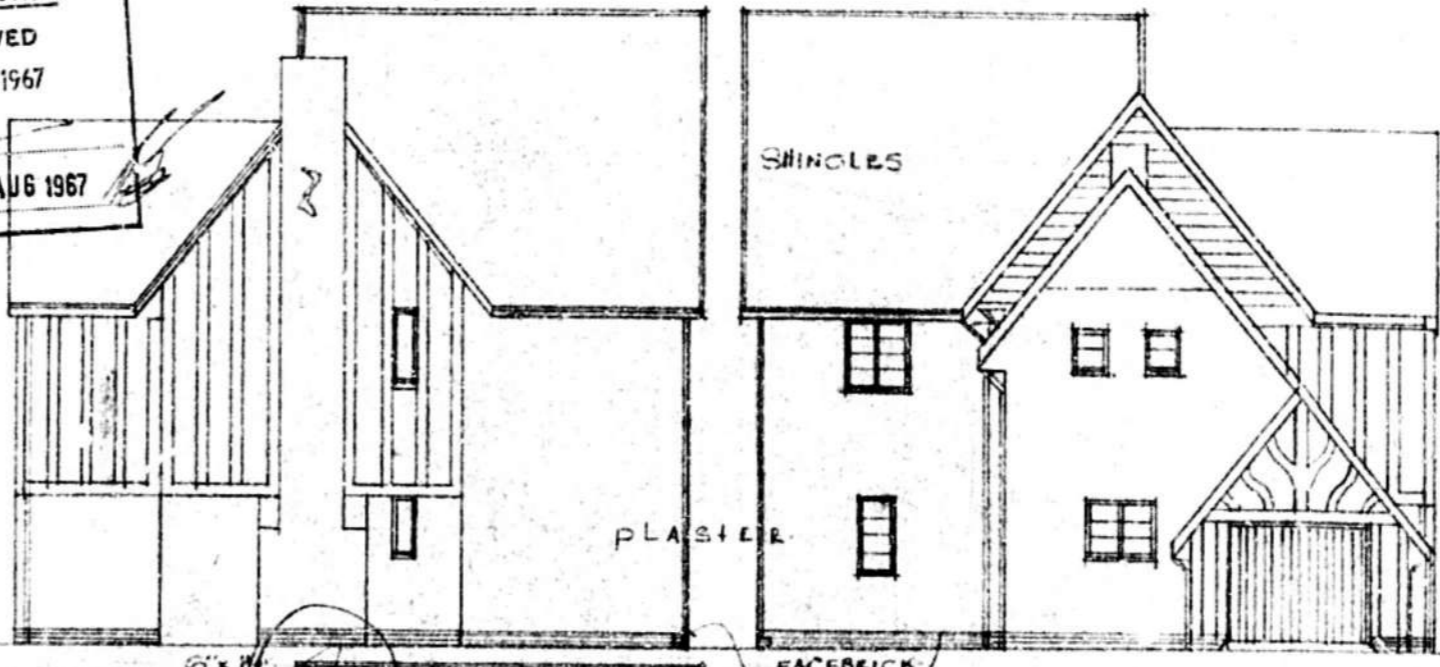
PROPOSED ALTERATIONS & ADDITIONS  
 TO RESIDENCE 286 INNES ROAD DUR-  
 BAN FOR R.H. ORR ISO.

CHIEF BATHING & POOL  
 A. D. C. H. T. L. C. T. S.  
 100 CLUB ARCADE DURBAN.

DRAWING NO: 1678/5/PT  
 DATE: MARCH 1950



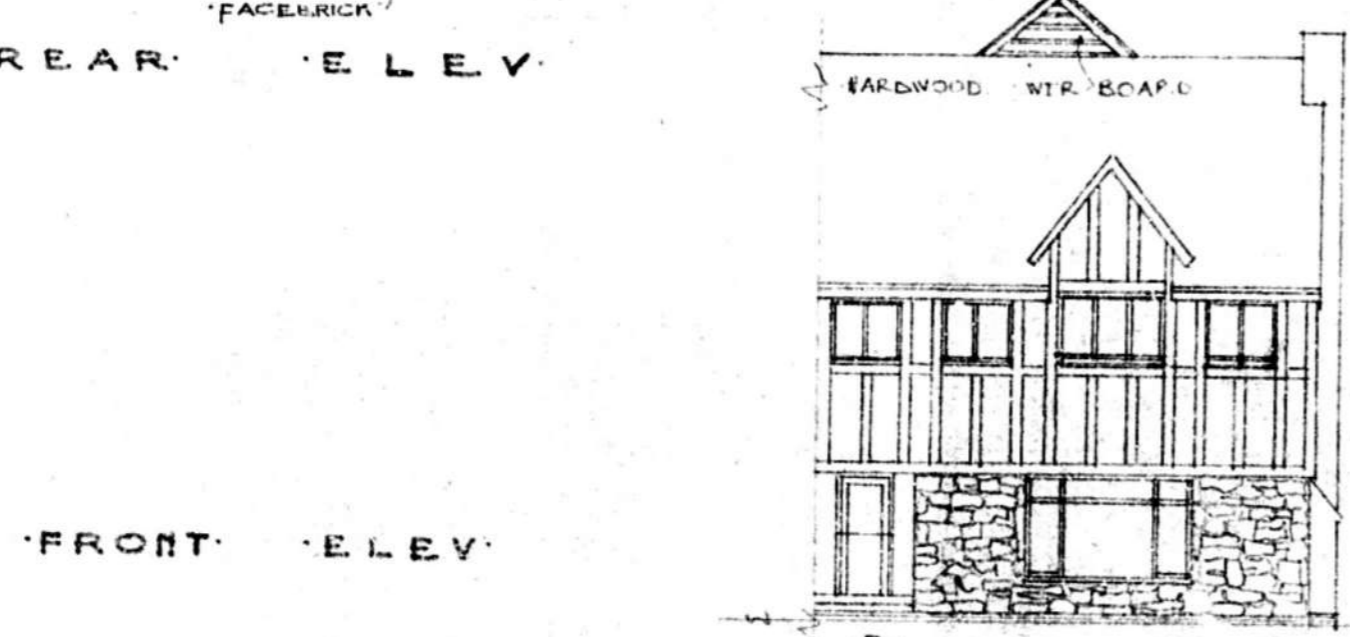
REAR ELEV.



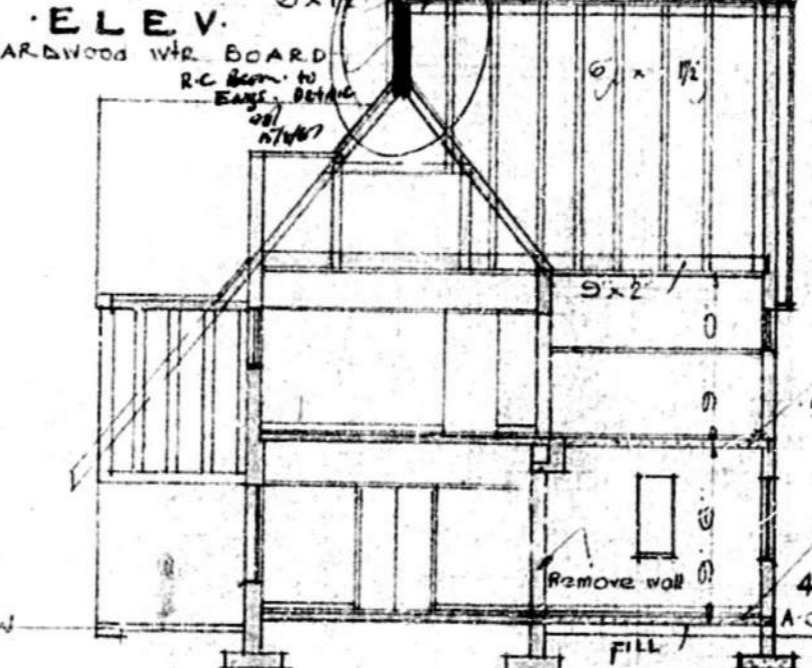
SIDE ELEV.

CITY HEALTH DEPT., DURBAN  
PLANS SECTION  
RECEIVED  
16 AUG 1967  
REPORT No. [blank]  
APPROVED 16 AUG 1967

174/8  
1/1



FRONT ELEV.



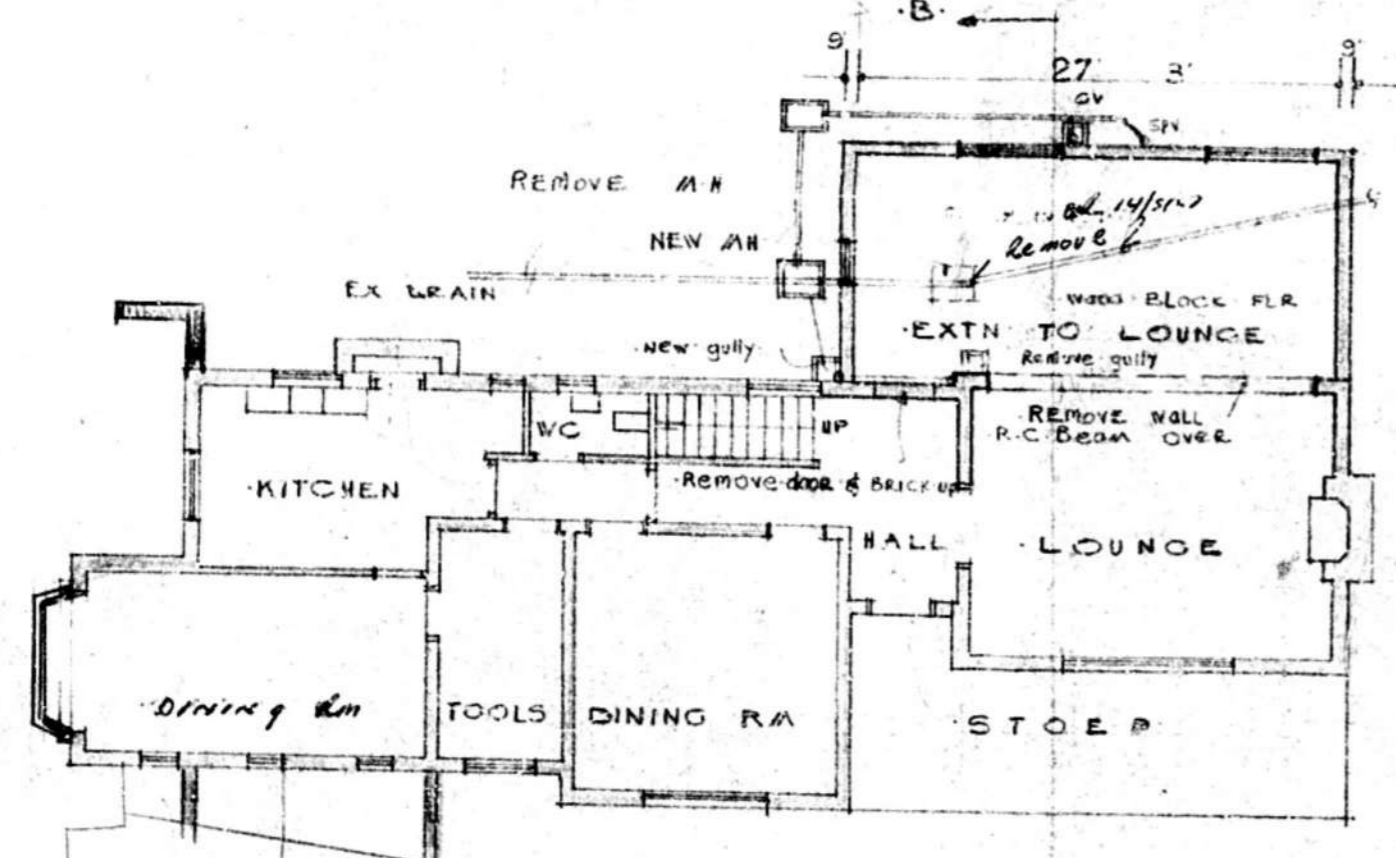
SECTION A-B

ROOF TRUSSES AT 27' CTS  
TRUSSES JOINTS TO BE BOLTED & NAILED

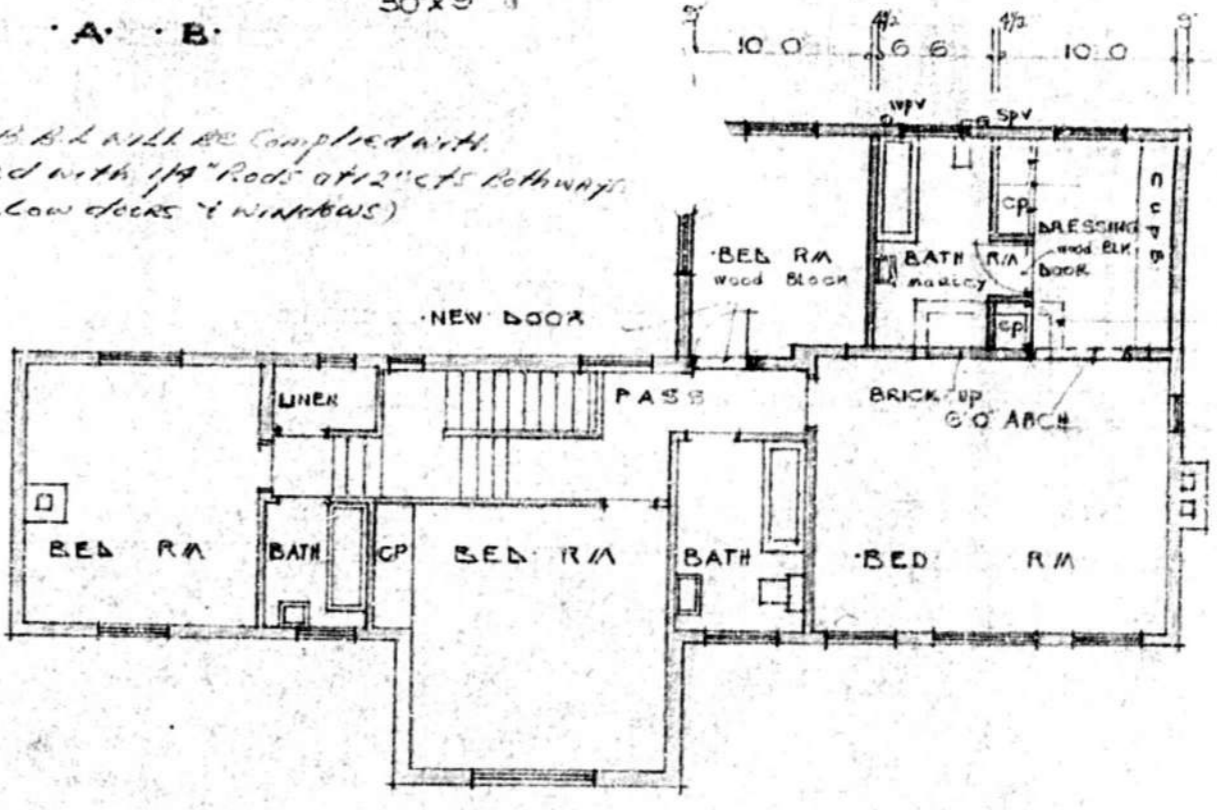
5" R.C. SLAB TO FINISH DETAIL

4" CONC. FLOOR  
30' x 3'

N.B. Section 106 OF THE B.A.L. WILL BE COMPLIED WITH.  
(4" CONC. FLR. REINFORCED WITH 1/4" RODS @ 12" CTS BOTHWAYS.  
9" BRICKP. OVER/BELOW DOORS & WINDOWS)



GROUND PLAN



FIRST FLOOR PLAN

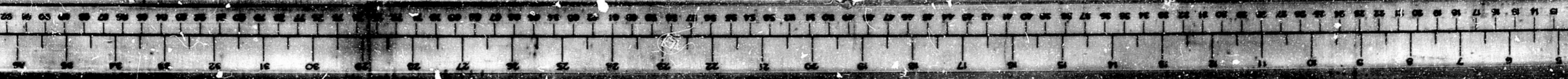
ELEVATIONAL CONTROL  
REFERENCE TO  
CHECKED BY [Signature]  
APPROVED SUBJECT

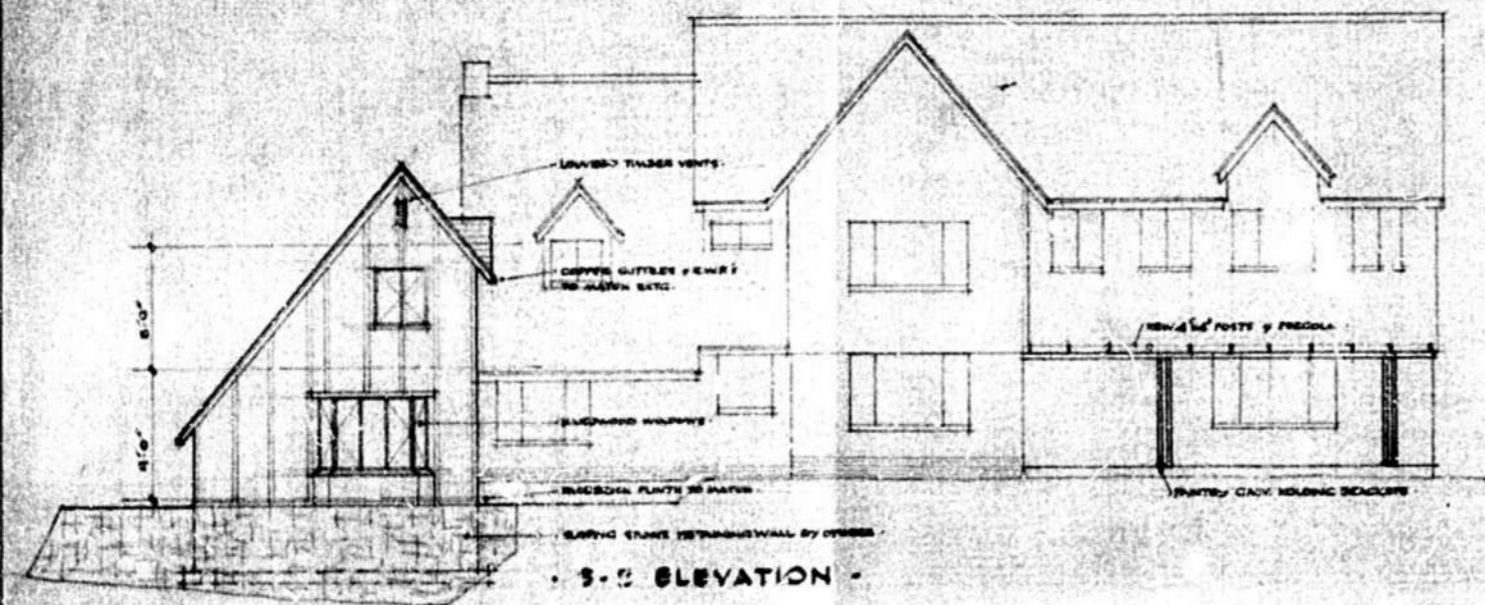
PLUMBING INSPECTOR  
PLAN APPROVED 17/8/67  
SUBJECT TO

EMP:RE. DWG. OFFICE  
20 RAJASS BLDG.  
116 QUEEN ST. DBN  
TEL: 65238 DATE: 19/7/67

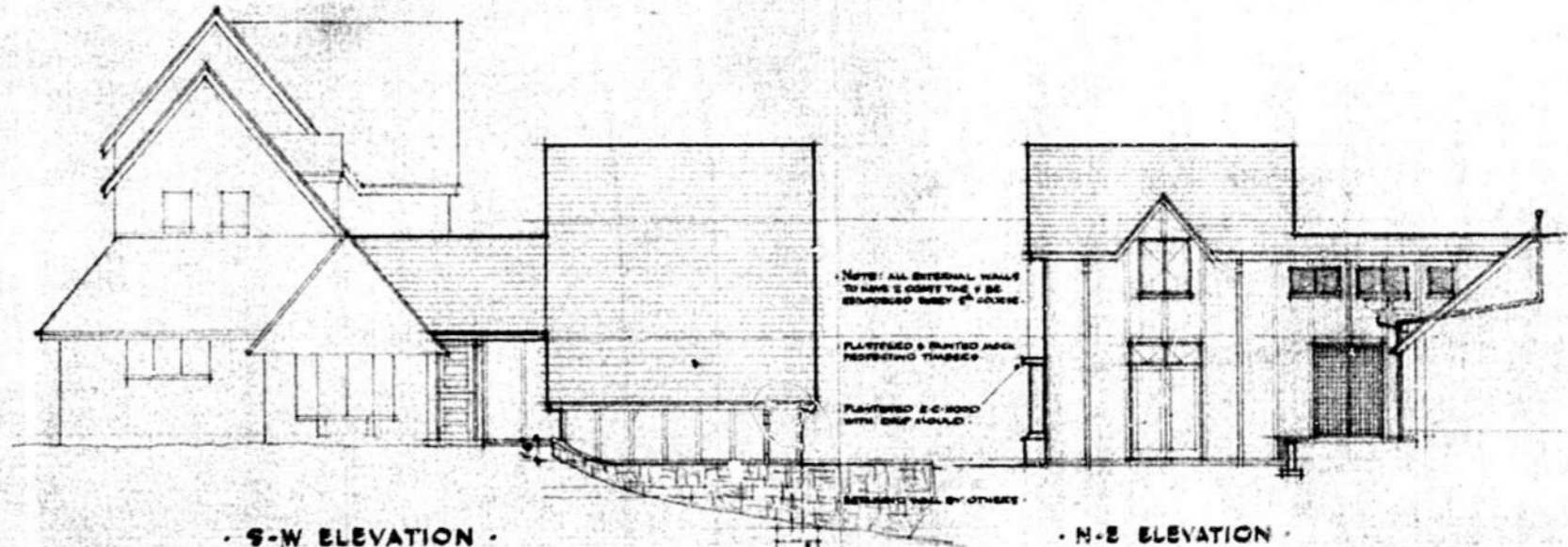
PROPOSED ALTS/ADDTS TO EX. D/S [blank] 5 INNES RD FOR MRS H A LABUSCHAGNE

SCAP 1/8 col 0





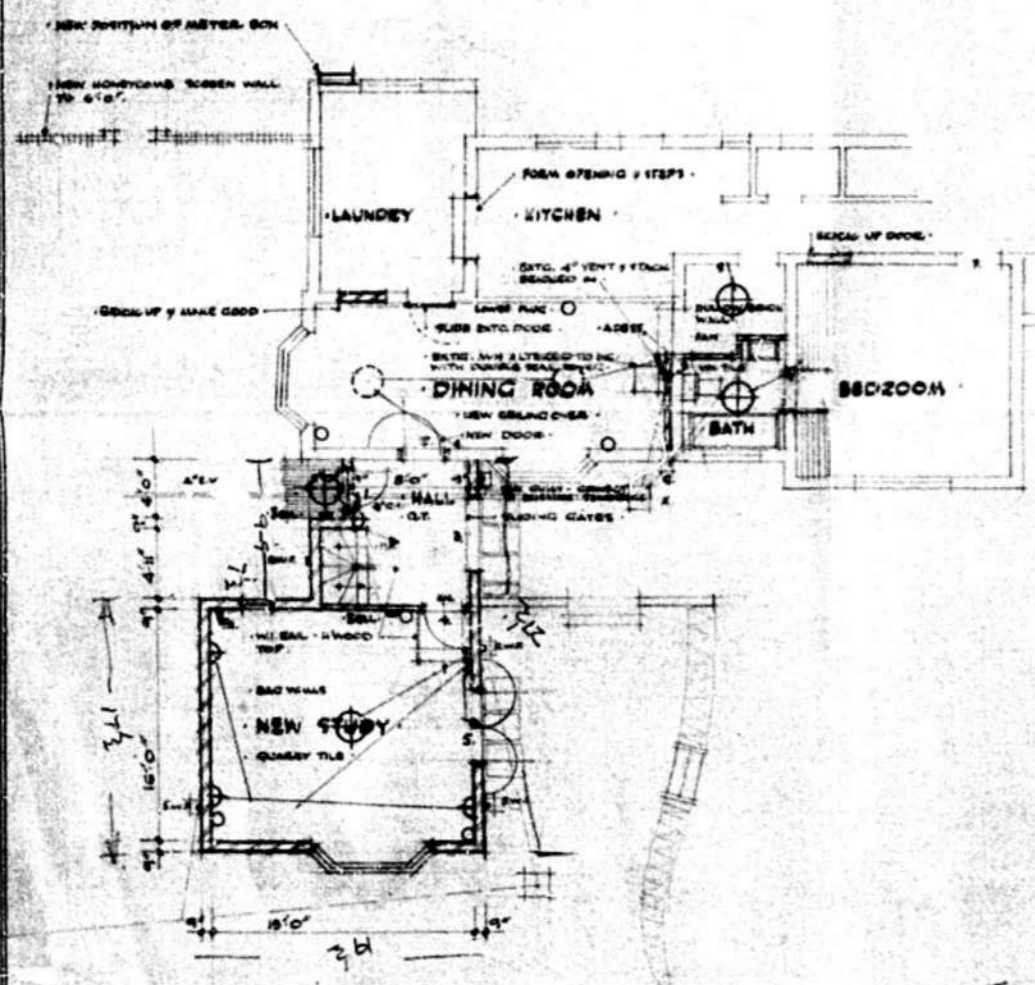
S-W ELEVATION



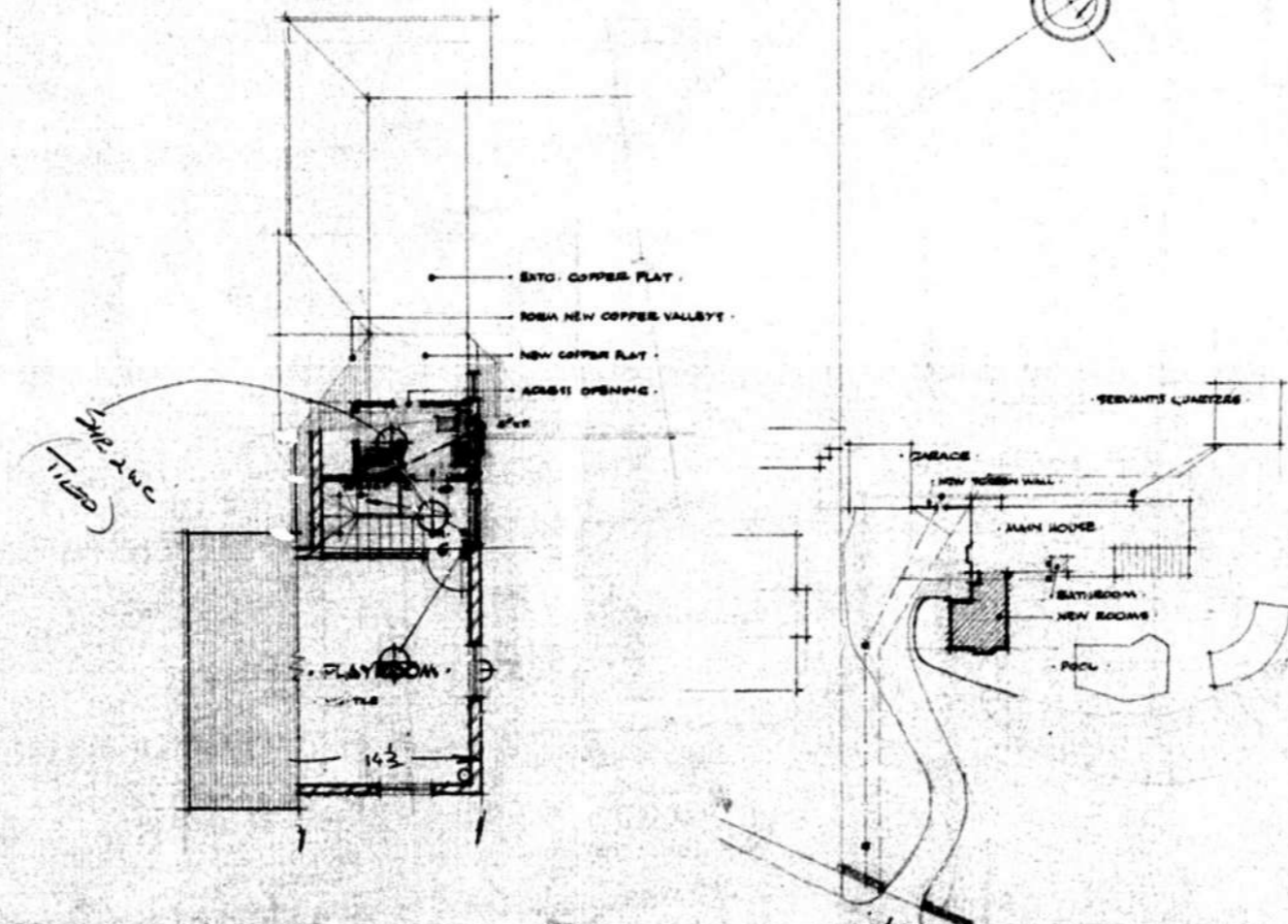
S-W ELEVATION

N-E ELEVATION

ELEVATIONAL CONTROL  
 REFERENCE NO. [Signature]  
 CHECKED BY [Signature]  
 PLANS APPROVED SUBMIT [Signature]

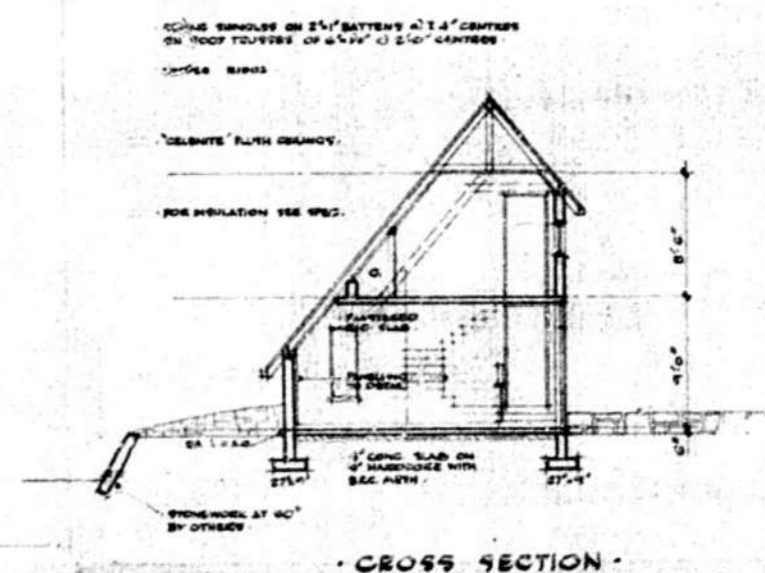


GROUND FLOOR PLAN



FIRST FLOOR PLAN

SITE PLAN  
 (See map)  
 LOT 148, BLOCK D



CROSS SECTION

REFERENCE PETS  
 R-4-20

PLUMBING INSPECTOR  
 MARK ATWOOD  
 20 8 21  
 101

AMENDED - 17-6-1964

PROPOSED ADDITIONS AT 286, INNES ROAD, DURBAN.. for DR. N.A. LABUSCHAGNE

21 AUG 1964  
 CITY OF DURBAN  
 CITY HEALTH DEPARTMENT

410/2  
 26-2-64

CLEMENCE & de GERSIGNY M.M.L.A.