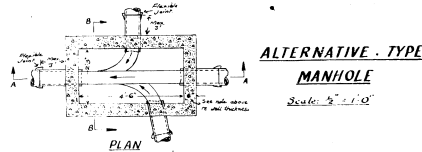
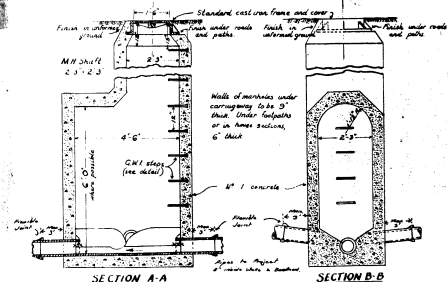
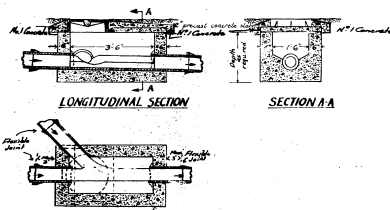


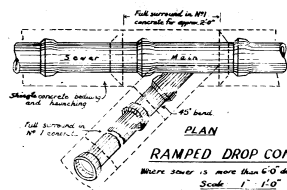
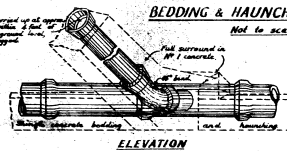
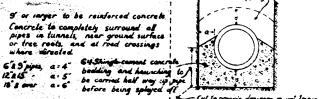
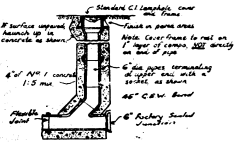
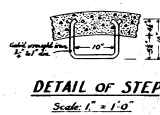
STANDARD MANHOLE
(INCLUDING DROP MANHOLE)
Scale: $\frac{1}{4}'' = 1'-0''$



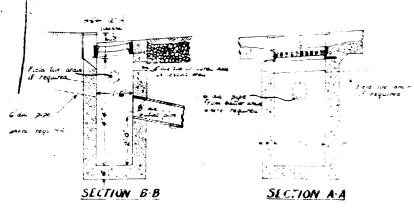
ALTERNATIVE TYPE MANHOLE
Scale: $\frac{1}{4}'' = 1'-0''$



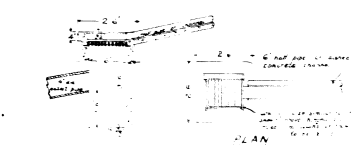
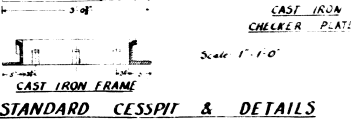
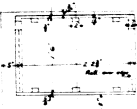
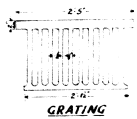
SHALLOW MANHOLE
(For Manholes less than 3'-6" depth to invert)
Scale: $\frac{1}{4}'' = 1'-0''$



RAMPED DROP CONNECTION
Where sewer is more than 6'-0" deep or where required
Scale: $\frac{1}{4}'' = 1'-0''$



Scale: $\frac{1}{4}'' = 1'-0''$



STANDARD SEWER DETAILS
FOR ENGINEERING CONTRACTS.

D9-91

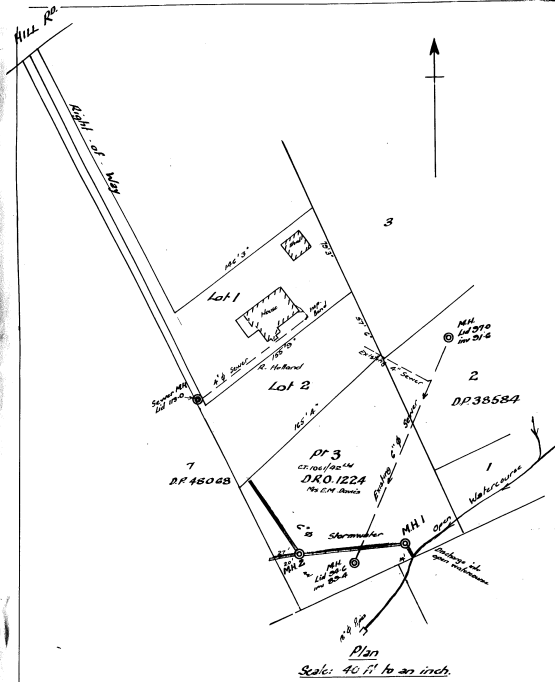
It is hereby certified that the common
effluent water carrying stormwater
drains as shown hereon,
shown in blue hereon,
are duly dedicated to the landowners
of the County by resolution passed at
a meeting of the said Council on
the 17th day of April 1973,
to be public drains pursuant to
section 226 of the Landowners
Corporations Act 1970.

THE LOCAL AUTHORITY OF THE COUNTY OF
MAYOR AND COUNCIL OF THE COUNTY OF
MAYOR AND COUNCIL OF THE COUNTY OF
MAYOR AND COUNCIL OF THE COUNTY OF

ATTESTED BY THE
CITY ENGINEER

IN WITNESS WHEREOF
I have hereunto set my hand and
the seal of the County of

THIS 17th day of April 1973



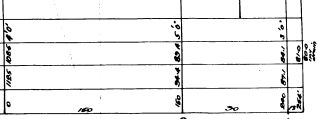
DATUM TO 1/4"

Depth to invert

Invert Level

Pea Level

Distance



Longitudinal Section

Scale: Horiz. 40 ft to an inch.

Vert. 10 ft to an inch.

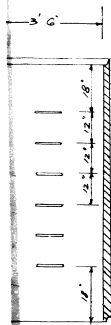
AS BUILT

Plan of Sewer & Stormwater Reticulation
for

Mr. R. Hollands' Subdiv. 57a Hill Rd. MANUREWA.

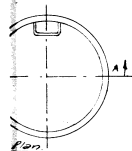
Prepared by Jerrard Crooks & Rowe, R.S. Surveyors.

Lytham Feb 1973

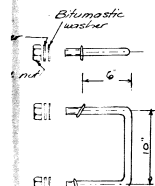


Section A-A

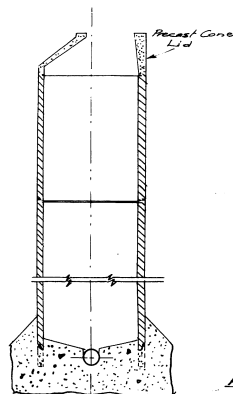
Standard Riser



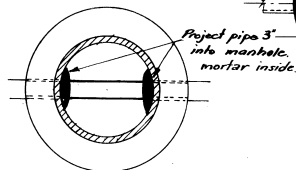
Plan



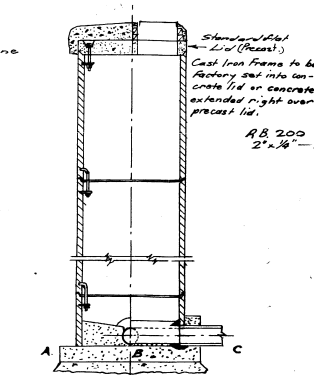
Straight Rung



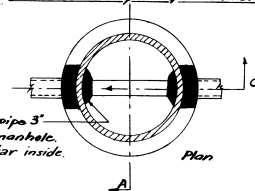
Typical Elevation
Showing Cast-In-situ
Base



Project pipe 3"
into manhole,
mortar inside.

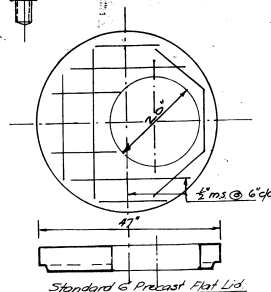
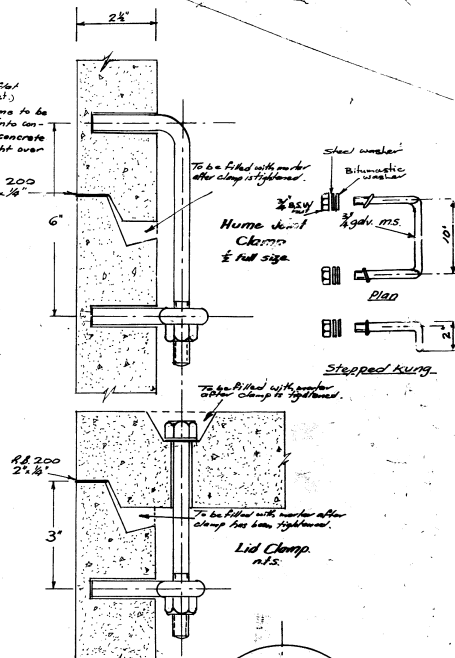


Typical Elevation Showing
Precast Base & Clamped Joints

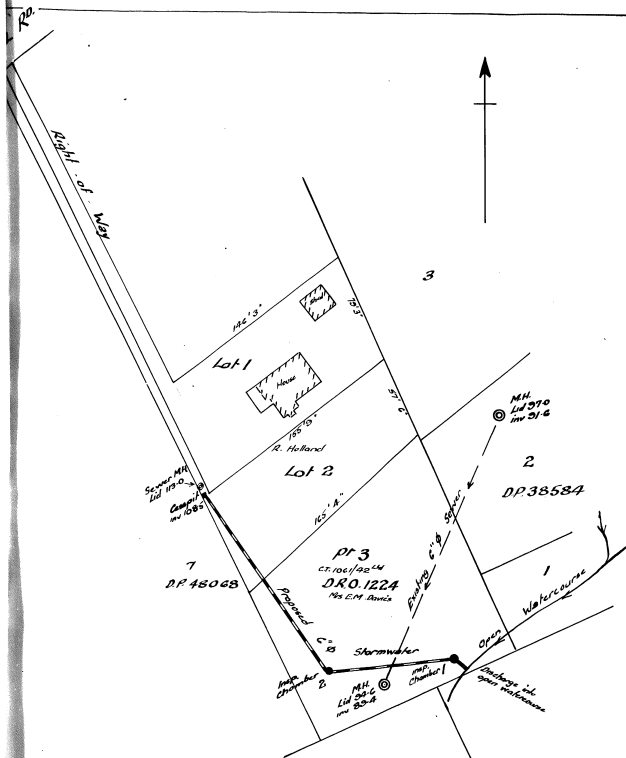


Plan

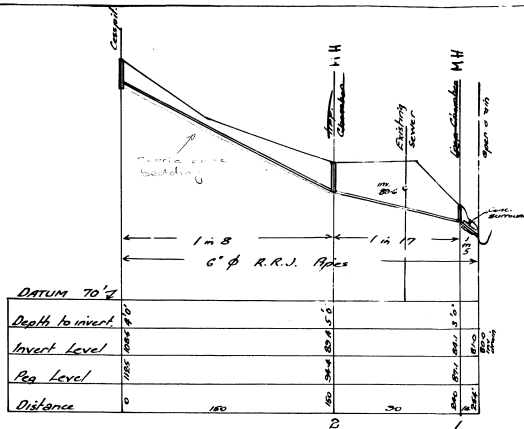
Standard Details Precast Manhole Construction



Standard 6' Precast Flat Lid



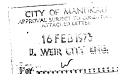
Plan
Scale: 40 ft to an inch.

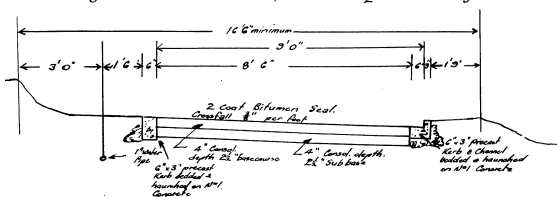
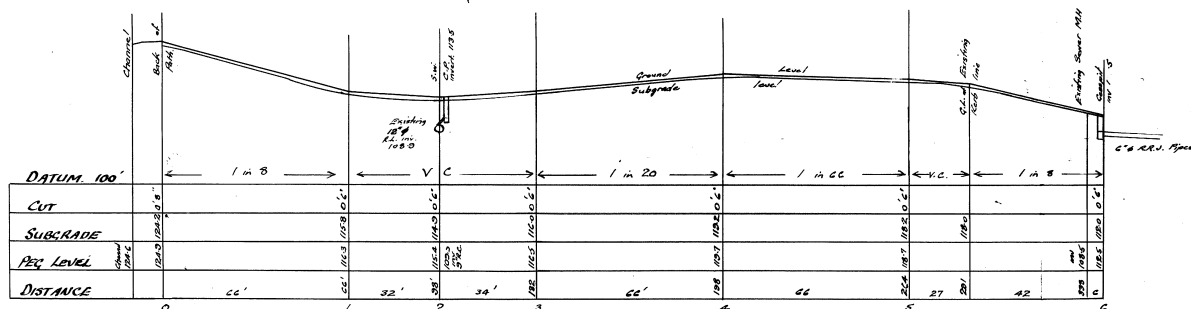
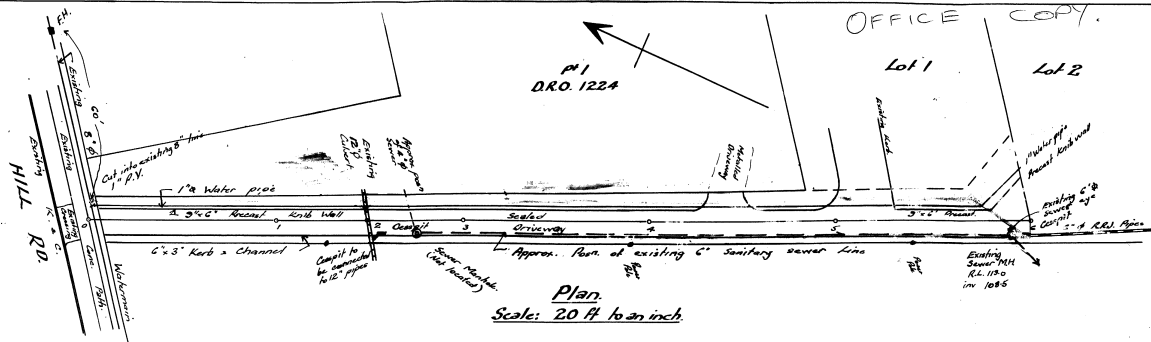


Longitudinal Section
 Horiz: 40 ft to an inch.
 Vert: 10 ft to an inch.

Proposed Stormwater Rechannelization for

Mr. R. Holland's Subdiv. 51a Hill Rd. MANUREWA.
 Prepared by Jerrard Crooks & Rowe, Regd Surveyors.
 Rotorua Feb. 1973





Longitudinal Section.

Scales: Horiz: 20 Ft to an inch.
Vert: 10 Ft to an inch.

CITY OF MANULAH
APPROVAL SUBJECT TO RESOLUTIONS
16 FEB 1973
J. WEIR CITY ENG.

Construction of Private Way

For
R. Holland, eq. 51a Hill Rd, Manurewa
Prepared by Jerrison, Crooks & Rowe, Regd. Surveyors
Papakura, Feb 1973

28-10-77 Inspect:



CLIFFORD SANDERSON, CHARTERED ARCHITECT, 28, HILLCREST GROVE, MANUREWA, MANUKAU, AUCKLAND.			SHEET 1.
LOT 2. D.P. 69276	CHECKED	SCALES	SERIES OF
	DATE AUGUST 1977.	1:50.	REF. 289.

CITY OF 4425/SIA
DRAINAGE P.L.A.

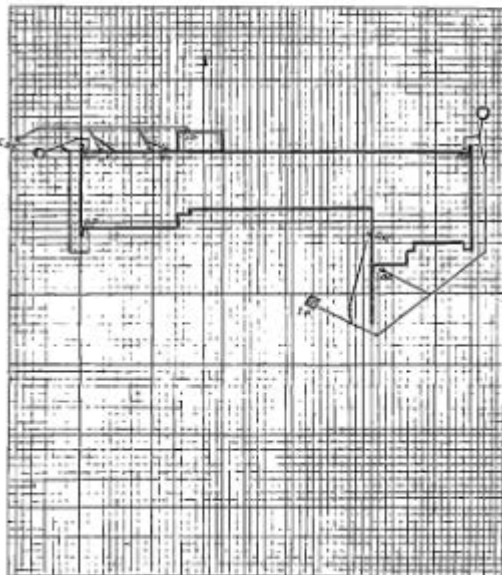
APPROVED

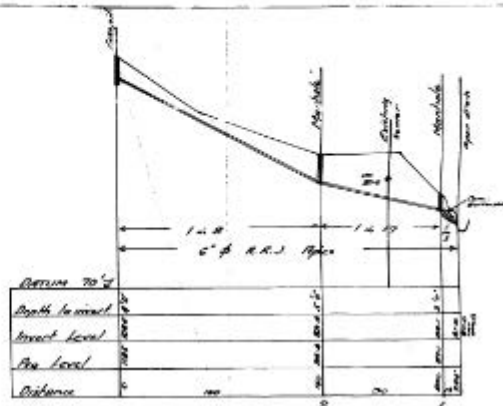
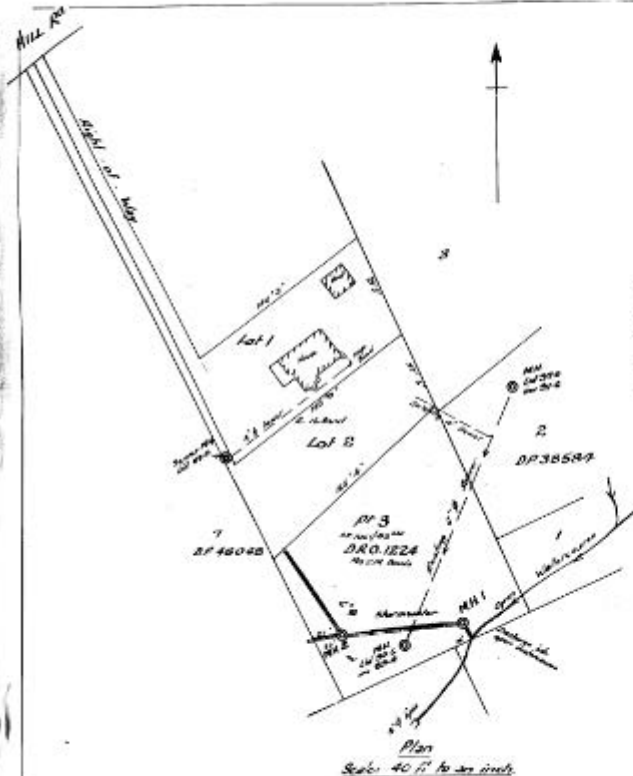
[Signature]

INSPECTOR

DAY: 2 S.F. 69276 STREET: Will Rd. DATE: 7-6-79
OWNED: Robert Clyde Brown
DRAWN BY: J.D. [Signature] SCALE: 1" = 10'

NOTE: A SONG PLAN TO THE, DRAINING STREET, SECTION BOUNDARIES, OUTLINE OF BUILDINGS,
LINE OF DRAIN, INSPECTION FITTINGS, MUST BE SHOWN.





Longitudinal Section
Scale: Horiz: 40 ft. to an inch.
 Vert: 10 ft. to an inch.

'AS BUILT'

Plan of Sewer & Stormwater Rehabilitation
 for

Mr. R. Hollands' Subst. Sta Hill Rd. MANUREW.

Prepared by Anthony C. Chas. Stone, Civil Engineer,
Lynchburg Feb. 1973

26 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100 102 104 106 108 110 112 114 116 118 120 122 124 126 128 130 132 134 136 138 140 142 144 146 148 150 152 154 156 158 160 162 164 166 168 170 172 174 176 178 180 182 184 186 188 190 192 194 196 198 200 202 204 206 208 210 212 214 216 218 220 222 224 226 228 230 232 234 236 238 240 242 244 246 248 250 252 254 256 258 260 262 264 266 268 270 272 274 276 278 280 282 284 286 288 290 292 294 296 298 300 302 304 306 308 310 312 314 316 318 320 322 324 326 328 330 332 334 336 338 340 342 344 346 348 350 352 354 356 358 360 362 364 366 368 370 372 374 376 378 380 382 384 386 388 390 392 394 396 398 400 402 404 406 408 410 412 414 416 418 420 422 424 426 428 430 432 434 436 438 440 442 444 446 448 450 452 454 456 458 460 462 464 466 468 470 472 474 476 478 480 482 484 486 488 490 492 494 496 498 500 502 504 506 508 510 512 514 516 518 520 522 524 526 528 530 532 534 536 538 540 542 544 546 548 550 552 554 556 558 560 562 564 566 568 570 572 574 576 578 580 582 584 586 588 590 592 594 596 598 600 602 604 606 608 610 612 614 616 618 620 622 624 626 628 630 632 634 636 638 640 642 644 646 648 650 652 654 656 658 660 662 664 666 668 670 672 674 676 678 680 682 684 686 688 690 692 694 696 698 700 702 704 706 708 710 712 714 716 718 720 722 724 726 728 730 732 734 736 738 740 742 744 746 748 750 752 754 756 758 760 762 764 766 768 770 772 774 776 778 780 782 784 786 788 790 792 794 796 798 800 802 804 806 808 810 812 814 816 818 820 822 824 826 828 830 832 834 836 838 840 842 844 846 848 850 852 854 856 858 860 862 864 866 868 870 872 874 876 878 880 882 884 886 888 890 892 894 896 898 900 902 904 906 908 910 912 914 916 918 920 922 924 926 928 930 932 934 936 938 940 942 944 946 948 950 952 954 956 958 960 962 964 966 968 970 972 974 976 978 980 982 984 986 988 990 992 994 996 998 1000

RECEIVED ON
- 3 MAR 08

4475 51A

RECORDED ON
- 8 MAR 1985
4475 51A

The diagram shows a vertical assembly consisting of several parts:

- Top Section:** A horizontal flange or cap at the very top.
- Upper Body:** A main cylindrical section with internal features like a central bore and a smaller side opening.
- Middle Section:** A narrower section below the upper body, possibly a neck or transition piece.
- Lower Body:** Another cylindrical section, similar in diameter to the upper one.
- Base:** A wide, flat circular base at the bottom.

Callout labels include:

- 1. TOP FLANGE
- 2. UPPER BODY
- 3. MIDDLE SECTION
- 4. LOWER BODY
- 5. BASE
- 6. INTERNAL BORE
- 7. SIDE OPENING
- 8. TRANSITION PIECE
- 9. FLANGES
- 10. BOLTS
- 11. NUTS
- 12. WASHERS
- 13. GASKETS
- 14. O-RINGS
- 15. SEALS
- 16. BRACKET
- 17. SUPPORT
- 18. ADJUSTER
- 19. LOCKWASHER
- 20. CONE VALVE
- 21. BALL BEARING
- 22. SHAFT
- 23. KEYWAY
- 24. KEY
- 25. COUPLER
- 26. DRIVE SHAFT
- 27. MOTOR
- 28. BELT PULLEY
- 29. TIMING BELT
- 30. GUIDE RAIL
- 31. SLIDE PLATE
- 32. END STOP
- 33. LIMIT SWITCH
- 34. PHOTO EYE
- 35. INVERTER
- 36. FREQUENCY CONVERTER
- 37. MOTOR CONTROLLER
- 38. ELECTRICAL CONTROL BOX
- 39. WIRING HARNESS
- 40. FUSE
- 41. CIRCUIT BREAKER
- 42. THERMAL PROTECTOR
- 43. OVERLOAD RELAY
- 44. STOP BUTTON
- 45. START BUTTON
- 46. EMERGENCY STOP
- 47. SAFETY INTERLOCK
- 48. GUARD RAIL
- 49. SAFETY MAT
- 50. WARNING SIGN

At the bottom center, there is a rectangular box containing the following text:

CITY OF MANASSAS
VOLUME 1
SERIES 1
PAGE 1
REVISED 1-1-1988

Below this box is a signature and the date 1-1-1988.

Inder Lynch

PROFESSIONAL BUILDING INSPECTOR - N.Z.

Our Ref: IM P 20/04/07/10 D. V. Wren

10/04/07

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4475/51A W2

TO Mr. J. J. J.

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NEW ZEALAND HOME HEATING ASSOCIATION - NEW ZEALAND HOME HEATING ASSOCIATION

INSTALLERS' CERTIFICATE



INCORPORATED

NEW ZEALAND HOME HEATING ASSOCIATION (INC)

SOLID FUEL INSTALLERS' CERTIFICATE

This is to certify that:

has passed the examinations of the New Zealand Home Heating Association in Solid Fuel Installers' Certificate Programme conducted in the year 1997, and has qualified for a three year period as a Registered Installer of Solid Fuel Heating Appliances.

Date: 11th March 1997

Installer's No. 110

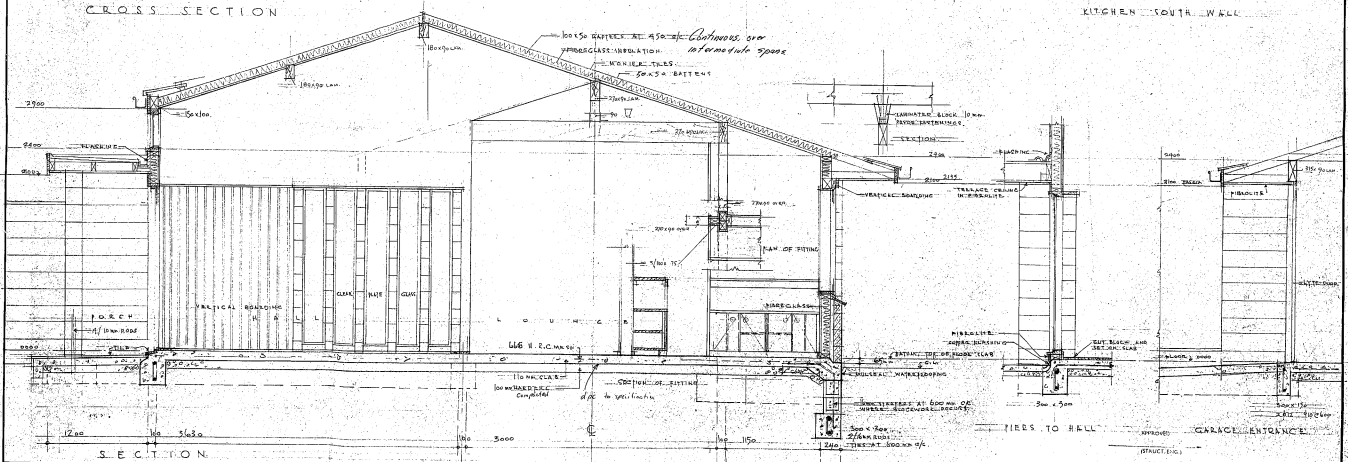
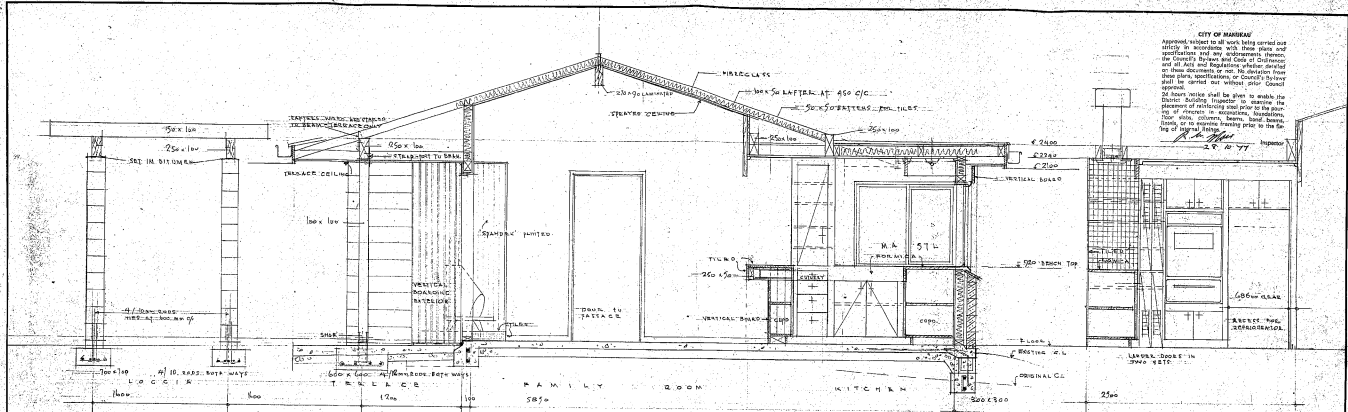
NEW ZEALAND HOME HEATING ASSOCIATION - NEW ZEALAND HOME HEATING ASSOCIATION

CERTIFIED BY

4475

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CITY OF MANUREWA
 Approved under the provisions of the Building Act 1924 and the Building Regulations 1924. The plans and specifications are approved for the purpose of the Building Act 1924 and the Building Regulations 1924. The plans and specifications are approved for the purpose of the Building Act 1924 and the Building Regulations 1924. The plans and specifications are approved for the purpose of the Building Act 1924 and the Building Regulations 1924.

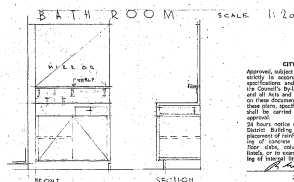
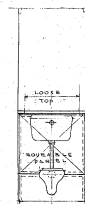
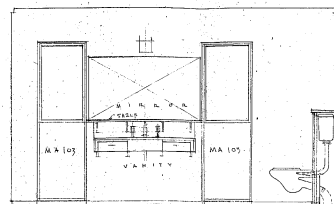
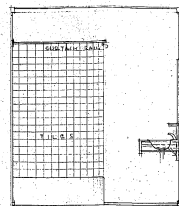
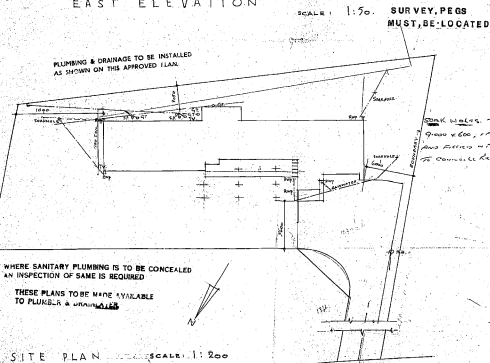
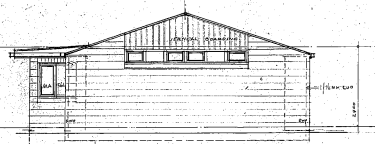
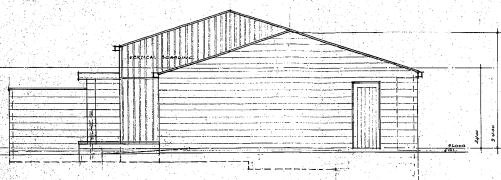


WORKING DRAWINGS
 DETAILS

RESIDENCE AT 51A HILL ROAD, MANUREWA FOR
 MR. AND MRS. R. C. HERON.

CLIFFORD SANDERSON, CHARTERED ARCHITECT
 20 HILLCREST GROVE, MANUREWA, MANUKAU
 AUCKLAND
 DRAWN: [] CHECKED: [] DATE: AUGUST 1937
 TRACED: [] SCALE: 1/20
 SHEET 4
 TOTAL SHEETS 4

4475 51A



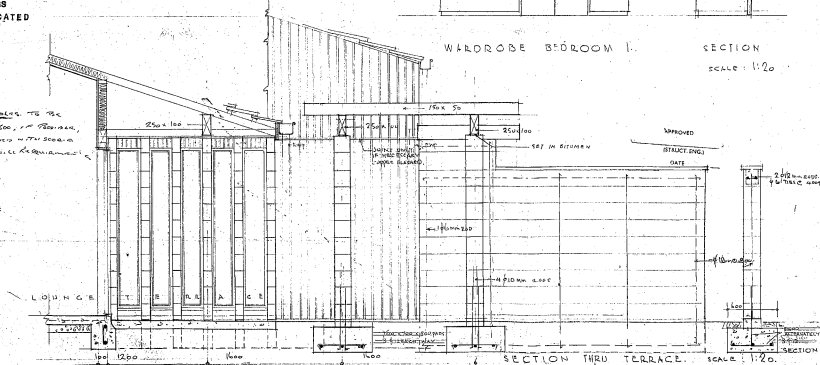
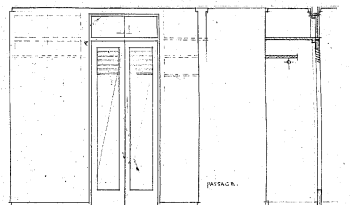
CITY OF MANUKAU

Approved, subject to all work being carried out in accordance with the Council's plans, specifications and any endorsements (thereon) the Council's By-laws and Code of Ordinances and all of its resolutions, the following work on these documents or not. No deviation from these plans, specifications, or Council's By-laws shall be carried out without prior Council approval.

24 hours notice shall be given to enable the District Building Inspector to examine the placement of reinforcing steel prior to the pouring of concrete for the following: foundations, floor slabs, columns, beams, lintels, or to examine stressing prior to the fitting of integral tendons.

[Signature] Inspector

28 10 77



WORKING DRAWINGS
SITE PLAN DRAINAGE PLAN
EAST AND WEST ELEVATIONS
DETAILS

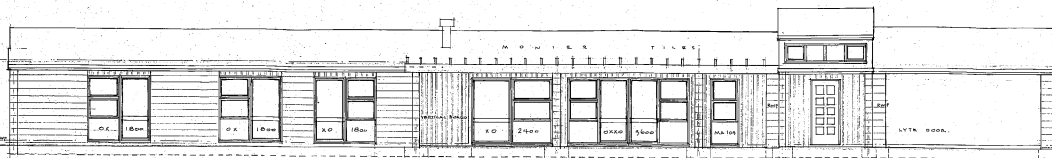
RESIDENCE AT 51A HILL ROAD, MANUREWA FOR
MR AND MRS. R. C. HERON.

CLIFFORD SANDERSON, CHARTERED ARCHITECT, 28 HILLCREST GROVE, MANUREWA, MANUKAU, AUCKLAND.	SHEET 3
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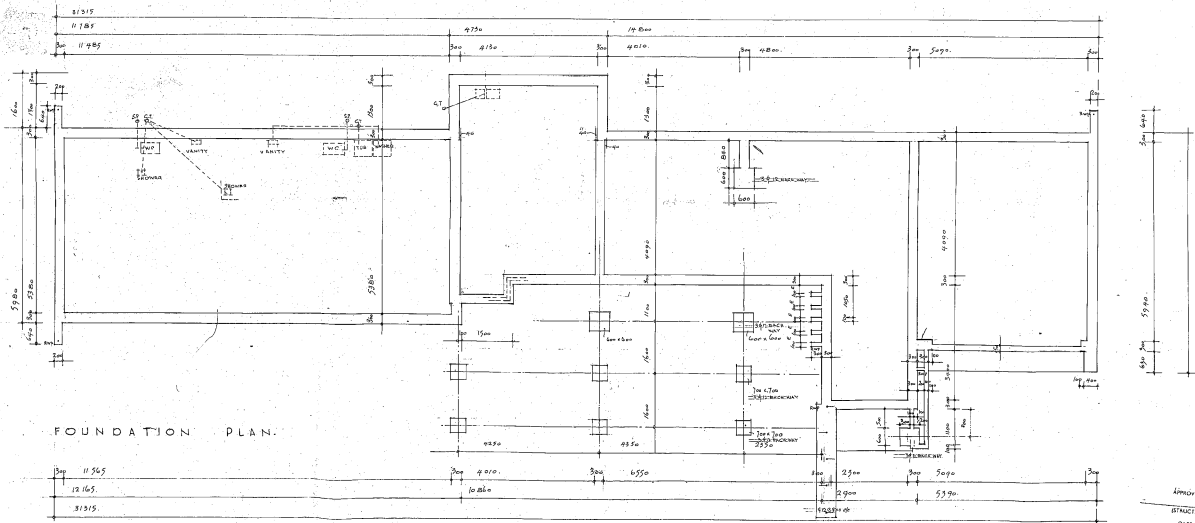
DRAWN	CHECKED	SCALES	2.00 50 20	SERIES OF FIVE
TRACED	DATE AUGUST 1977			REF 289

24 hours notice shall be given to enable the District Building Inspector to examine the placement of reinforcing steel prior to the pouring of concrete in excavations, foundations, floor slabs, columns, beams, bond beams, lintels, or to examine framing prior to the filling of internal linings.

R. A. Mox. Inspector



NORTH ELEVATION



FOUNDATION PLAN.

WORKING DRAWINGS.
FOUNDATION PLAN
NORTH ELEVATION.

RESIDENCE A 51A HILL ROAD MANUREWA FOR
MR. AND MRS. R. C. HERON.

CLIFFORD SANDERSON, CHARTERED ARCHITECT,
28 WILLCREST GROVE, MANUREWA, MANUKAU
DISTRICT.

SHEET

4

DRAWN	CHECKED	SCALES 1:50.	SERIES OF FIVE
TRACED	DATE AUGUST 1977		REF. 289

MICROFILMED ON

- 9 MAR 1983

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