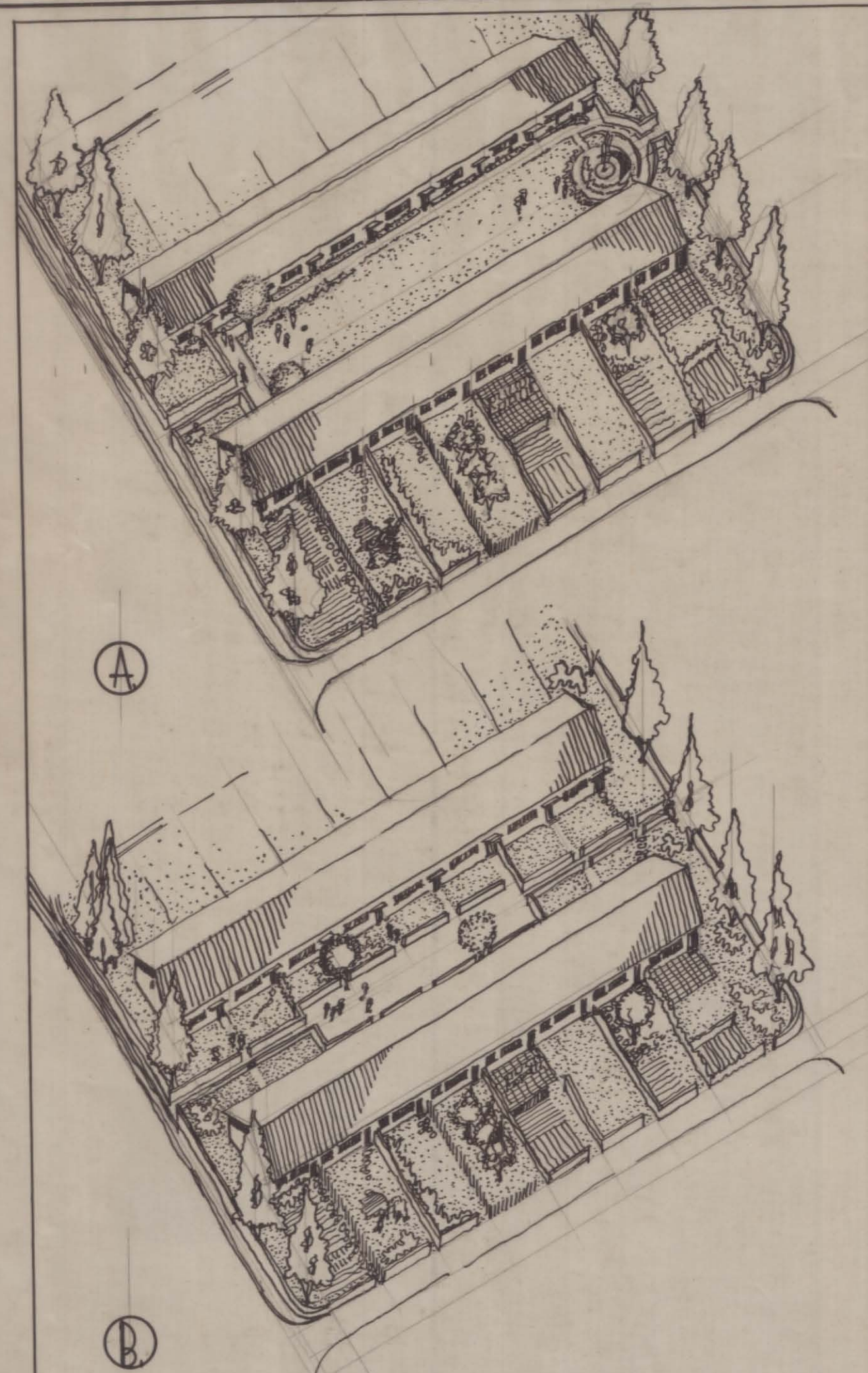
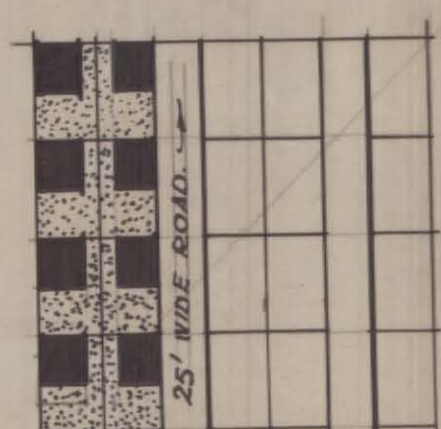




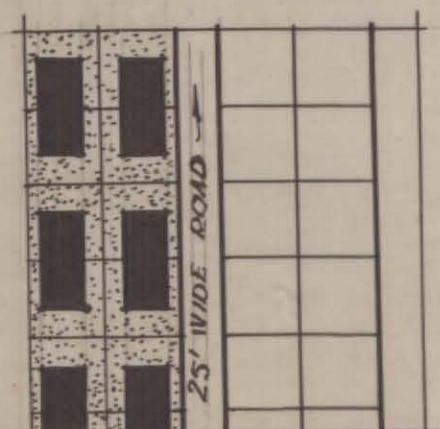
LAYOUT A: SHOWS ROW HOUSES, FACING OPEN SPACE MAINTAINED BY HOUSING AUTHORITY. THE SPACE IS LARGE & USEFUL BUT CAN BE NOISY. LAYOUT B: SHOWS REDUCED OPEN SPACE ALLOWING FRONT GARDENS OF HOUSES TO DEVELOP. NOISE IS REDUCED BUT UNLESS GARDENS ARE MAINTAINED CAN BE UNDESIRABLE. NOTE: SERVICE ROAD AT REAR OF HOUSES IN BOTH SCHEMES.

• ROW HOUSES REAR ACCESS.

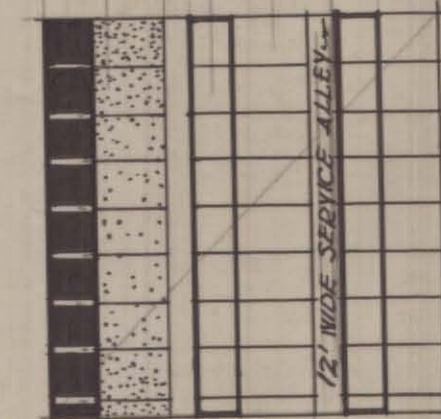
• PLATE NUMBER BRA/K/



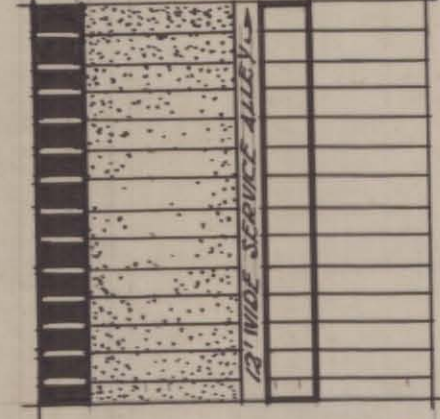
CASE 1. DETACHED HOUSES. PLOTS 50' x 32'. APPROX. 21 FAMILIES/ACRE.



CASE 2. SEMI-DETACHED. PLOTS 40' x 40'. APPROX. 21 FAMILIES/ACRE.



CASE 3. SINGLE STOREY ROWS. PLOTS 25' x 64'. APPROX. 24 FAMILIES/ACRE.



CASE 4. DOUBLE STOREY ROWS. PLOTS 15' x 106' 4". APPROX. 25 FAMILIES/ACRE.

#### SYSTEM.

ALLOWANCE FOR INDOOR LIVING SPACE @ 150 SQ. FT./PERSON & OUTDOOR SPACE @ 250 SQ. FT./PERSON GIVE A HOUSE OF 600 SQ. FT. & OPEN OUTDOOR OF 1000 SQ. FT. FOR A FAMILY OF 4 PERSONS. THIS GAVE A SITE OF 1600 SQ. FT. CONTAINING A HOUSE OF 600 SQ. FT. FOR SINGLE STOREY DETACHED UNITS. THE HOUSE WAS DRAWN WITH OVERALL DIMENSIONS OF 25' x 24'.

CASE 5. THREE STOREY FLATS. 1 ACRE PLOT. APPROX. 48 FAMILIES/ACRE.

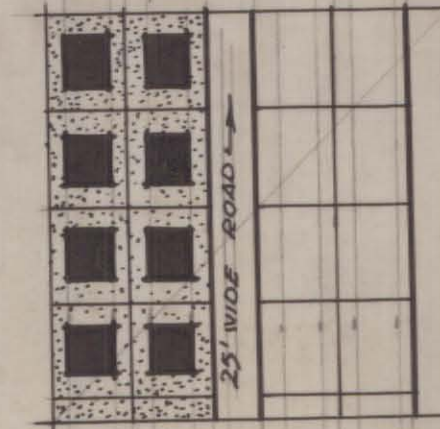
#### OBSERVATIONS.

CASE 1. DETACHED, FRONT SPACE OF 25' & SIDE SPACE OF 16' IS CRAMPED; A PLOT WITH 50' FRONTAGE WAS NECESSARY FOR PRIVACY BUT WHEN ONLY 32' DEEP IT BECOMES UNECONOMICAL FOR ROADS & SERVICES. CASE 2. SEMI-DETACHED, REAR SPACE 12' & SIDE SPACE OF 50' AGAIN TOO CRAMPED; SITE 40' x 40' AS FOR CASE 1. CASE 3. SINGLE STOREY ROW HOUSES, FRONT SPACE 52' IS APPROACHING IDEAL CASE; PLOT 25' x 64' GIVES A REASONABLE GARDEN SPACE. CASE 4. DOUBLE STOREY ROW HOUSES, FRONT SPACE 94' IS O.K. SITE 106' 4" x 15' IS INCLINED TO BE NARROW. CASE 5. THREE STOREY APARTMENTS ON 1 ACRE PLOT, SYSTEM IDEAL GIVING 48 FAMILY UNITS WITH BIG OPEN SPACE.

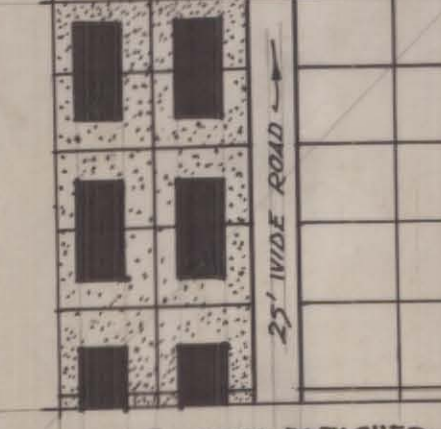
| CASE No.                                          | 1.    | 2.    | 3.    | 4.    | 5.  |
|---------------------------------------------------|-------|-------|-------|-------|-----|
| PERCENTAGE OF SITE COVERED.                       | 37.5% | 37.5% | 37.5% | 22.5% | 25% |
| Scale 1 inch = 100 ft. EACH SQUARE EQUALS 1 ACRE. |       |       |       |       |     |

• DEVELOPMENT CONTROL BY SPACE REQUIREMENTS.

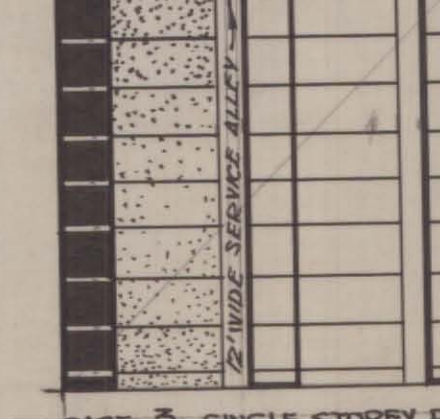
• PLATE NUMBER BRA/K/



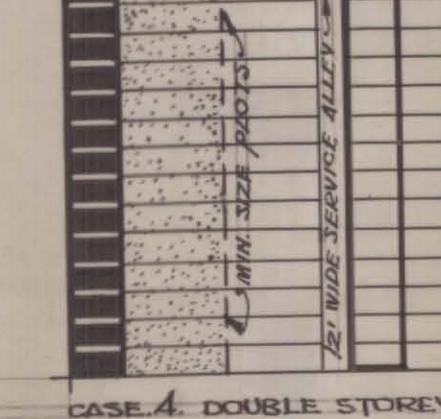
CASE 1. DETACHED HOUSES. PLOT 50' x 40'. APPROX. 17 FAMILIES/ACRE.



CASE 2. SEMI-DETACHED. PLOT 40' x 50'. APPROX. 17 FAMILIES/ACRE.



CASE 3. SINGLE STOREY ROW. PLOTS 20' x 80'. APPROX. 17 FAMILIES/ACRE.



CASE 4. DOUBLE STOREY ROW. PLOTS 15' x 153' OR 15' x 85' MIN. APPROX. 30 FAMILIES/ACRE MAX.

#### SYSTEM.

NO BUILDING OR BUILDINGS MAY COVER MORE THAN 50% OF THE AREA OF PLOT. BUILDING MEANS DWELLINGS & OUTBUILDINGS (GARAGE, SERVANTS QUARTERS ETC.) AGAIN IT HAS BEEN TAKEN ON THE BASIS OF HOUSE ONLY AT 600 SQ. FT. FOR A FAMILY OF 4 PERSONS.

CASE 5. THREE STOREY FLATS. 1 ACRE PLOT. APPROX. 57 FAMILIES/ACRE.

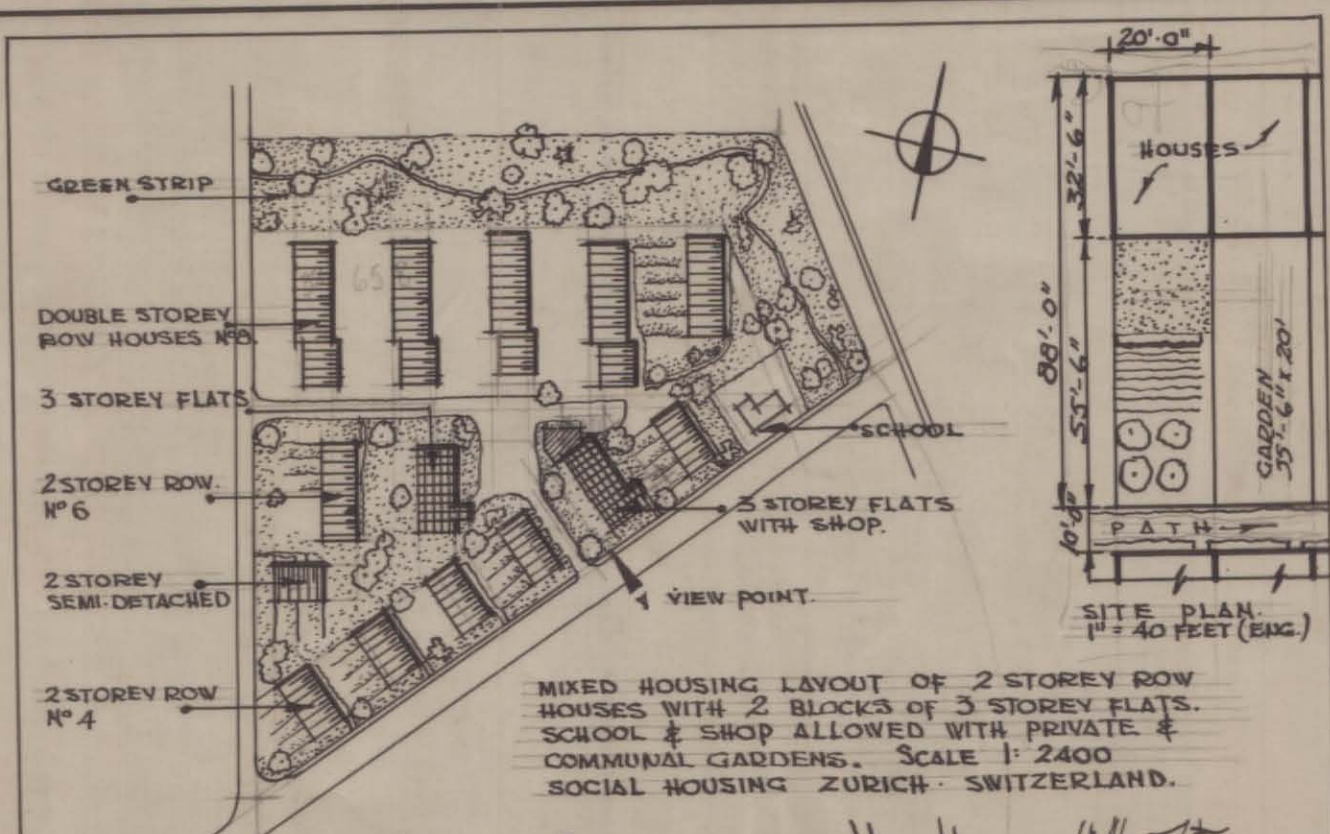
#### OBSERVATIONS.

CASE 1. DETACHED, FRONT SPACE STREET WIDTH + 20', REAR 12' & SIDE SPACE OF 25' IS CRAMPED IN SITE DEPTH. WITH 50' FRONTAGE & DEPTH OF 40' SITES ARE UNECONOMICAL FOR DEVELOPMENT. CASE 2. SEMI-DETACHED, FRONT + WIDTH OF ROAD + 20', REAR 32' & SIDE 50' IS ONLY CRAMPED AT REAR OF HOUSES. CASE 3. SINGLE STOREY ROW HOUSES. GOOD RESULTS OBTAINED. CASE 4. DOUBLE STOREY ROW HOUSES WITH MAX. COVERAGE GIVING 15' x 85' PLOT, GARDEN OF 38' x 15' RATHER NARROW AND SMALL. CASE 5. THREE STOREY APARTMENTS AT 30% COVERAGE LOOK O.K. IF BLOCKS WELL DESIGNED.

Scale: 1 inch = 100 ft. EACH SQUARE EQUALS 1 ACRE.

• DEVELOPMENT CONTROL BY COVERAGE.

• PLATE NUMBER BRA/K/



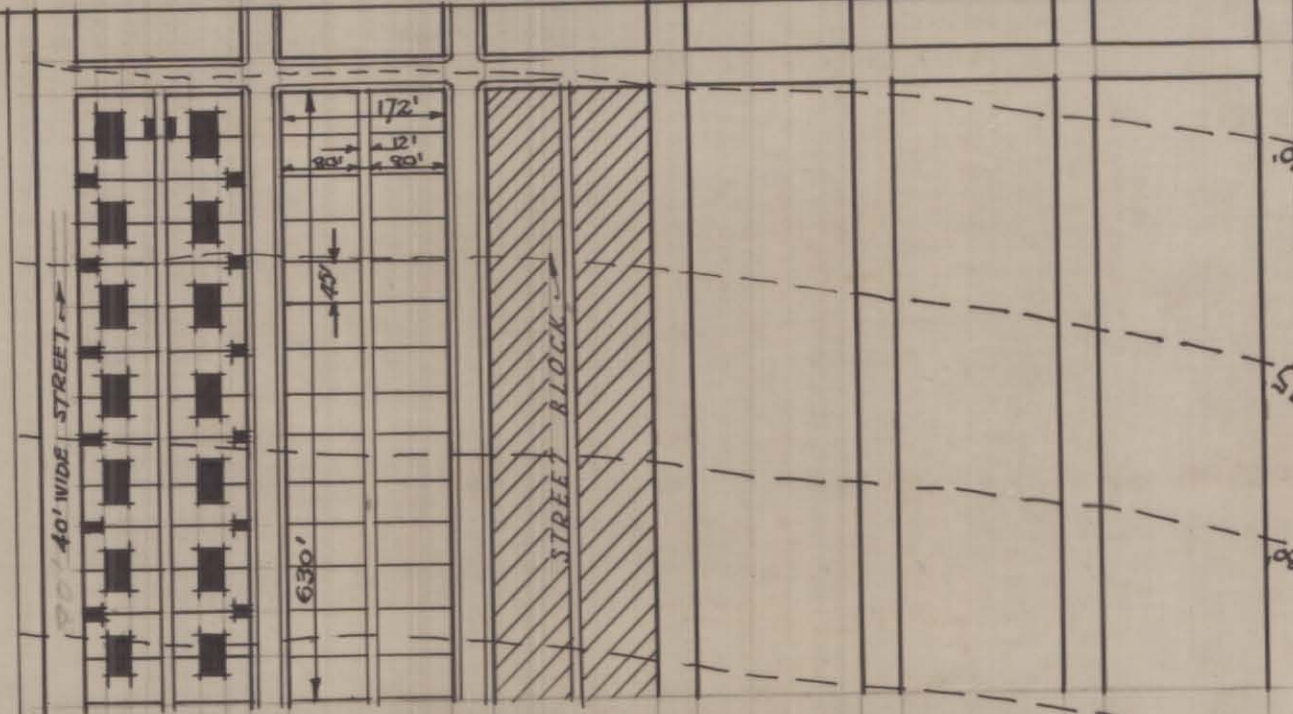
MIXED HOUSING LAYOUT OF 2 STOREY ROW HOUSES WITH 2 BLOCKS OF 3 STOREY FLATS. SCHOOL & SHOP ALLOWED WITH PRIVATE & COMMUNAL GARDENS. SCALE 1:2400. SOCIAL HOUSING ZURICH - SWITZERLAND.

| GENERAL VIEW.               | COST PER UNIT FOR: |
|-----------------------------|--------------------|
| DENSITY 12 dwellings/acre   | WATER £            |
| WITH 1/2 ROAD AREA.         | SEWERAGE           |
| PERCENTAGE ROAD 13%         | LIGHT              |
| SITE COVERAGE 16% COVER     | STREETS            |
| SPACE BETWEEN HOUSES        | TREES              |
| 65' FRONT & 60' to 38' SIDE | ST. LIGHT.         |
|                             | TOTAL £            |

NETT DENSITY 12 DWELLINGS/ACRE. SITE SERVICE COSTS £ / UNIT.

REFUSE REMOVAL AT REAR ON PATHWAY. SEWERAGE WATERBOURNE. ORIENTATION TO NORTH EAST MAINLY. AESTHETICS, WELL COMPOSED LAYOUT.

• PLATE NUMBER BRA/K/



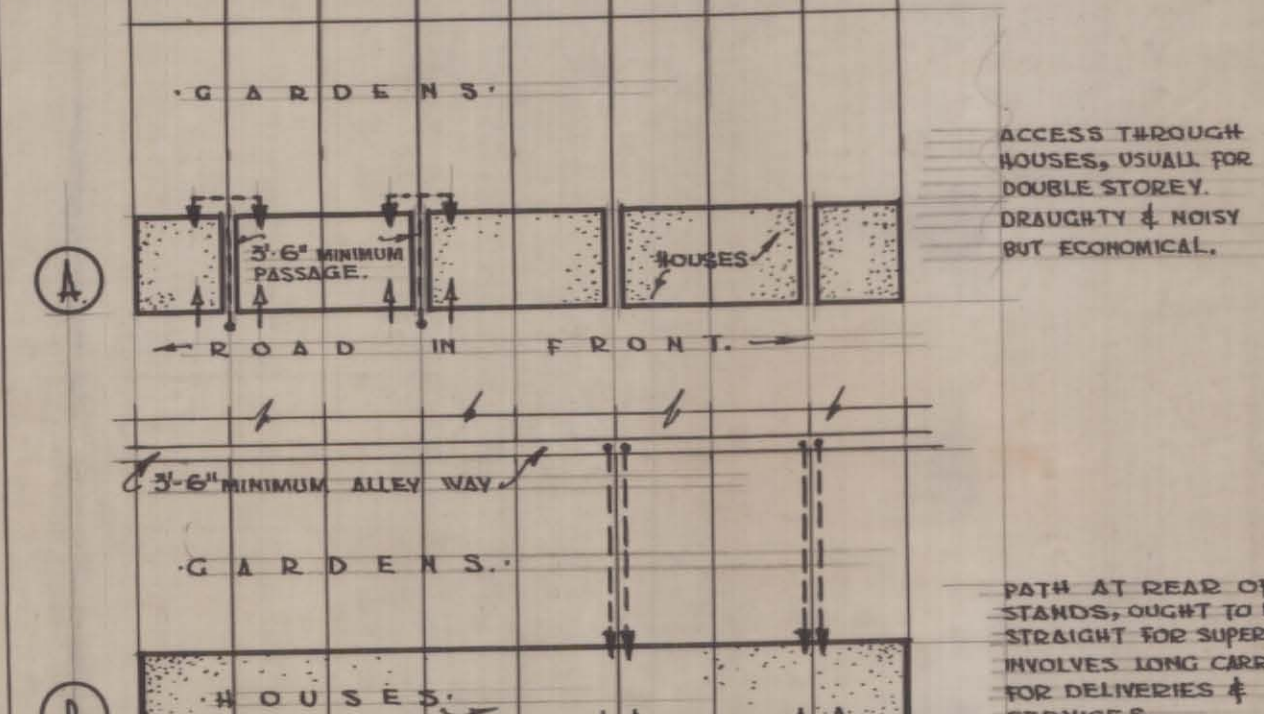
DOUBLE STOREY SEMI-DETACHED UNITS ON 45' x 80' PLOTS. EXAMPLE TAKEN FROM U.S.A. SCALE: 1" = 2400.

DENSITY: 8.86 dwellings/acre WITH 1/2 ROADS. PERCENTAGE ROADS & ALLEY 29.8% SITE COVERAGE 16% SPACE BETWEEN HOUSES: 42' FRONT & 92' & 72' ON THE SIDES. COST PER UNIT WATER £ SEWERAGE £ LIGHT. £ STREETS. £ TREES. £ ST. LIGHT. £ TOTAL £

NETT DENSITY: 8.86 DWELLINGS/ACRE. SITE SERVICE COSTS: £ / UNIT.

REFUSE REMOVAL AT SIDE OF SITE. SEWERAGE WATERBOURNE. ORIENTATION NORTH & SOUTH FACING. AESTHETICS, CONTROLLED BUT MONOTONOUS.

• PLATE NUMBER BRA/K/



ACCESS THROUGH HOUSES, USUAL FOR DOUBLE STOREY. DRAUGHTY & NOISY BUT ECONOMICAL.

PATH AT REAR OF STANDS, OUGHT TO BE STRAIGHT FOR SUPERVISOR INVOLVES LONG CURVES FOR DELIVERIES & SERVICES.

YARD ACCESS FROM FRONT, GIVES CLEAN APPEARANCE, BUT YARD CAN ACTUALLY BE VERY DIRTY. NOT AS ECONOMICAL AS "A".

PARKING & PARKING BAYS ALONG 50' WIDE

SERVICE ROAD AT REAR OF STAND WITH PARKING & PARKING BAYS AT 200' DISTANCE. ECONOMICAL IF PEDESTRIAN APPROACH IN FRONT ONLY.

AS FOR D, BUT ROAD WIDE ENOUGH TO PASS 4 PARK IN ECONOMICAL WHEN FRONT APPROACH IS BY PEDESTRIAN WAY ONLY.

PEDESTRIAN APPROACH & PARKING

25' 0" WIDE SERVICE ROAD

PEDESTRIAN WAY

SERVICING FRONT DOOR.

• SERVICE ACCESS TO ROW HOUSES.

• PLATE NUMBER BRA/K/

BRA/V/510.