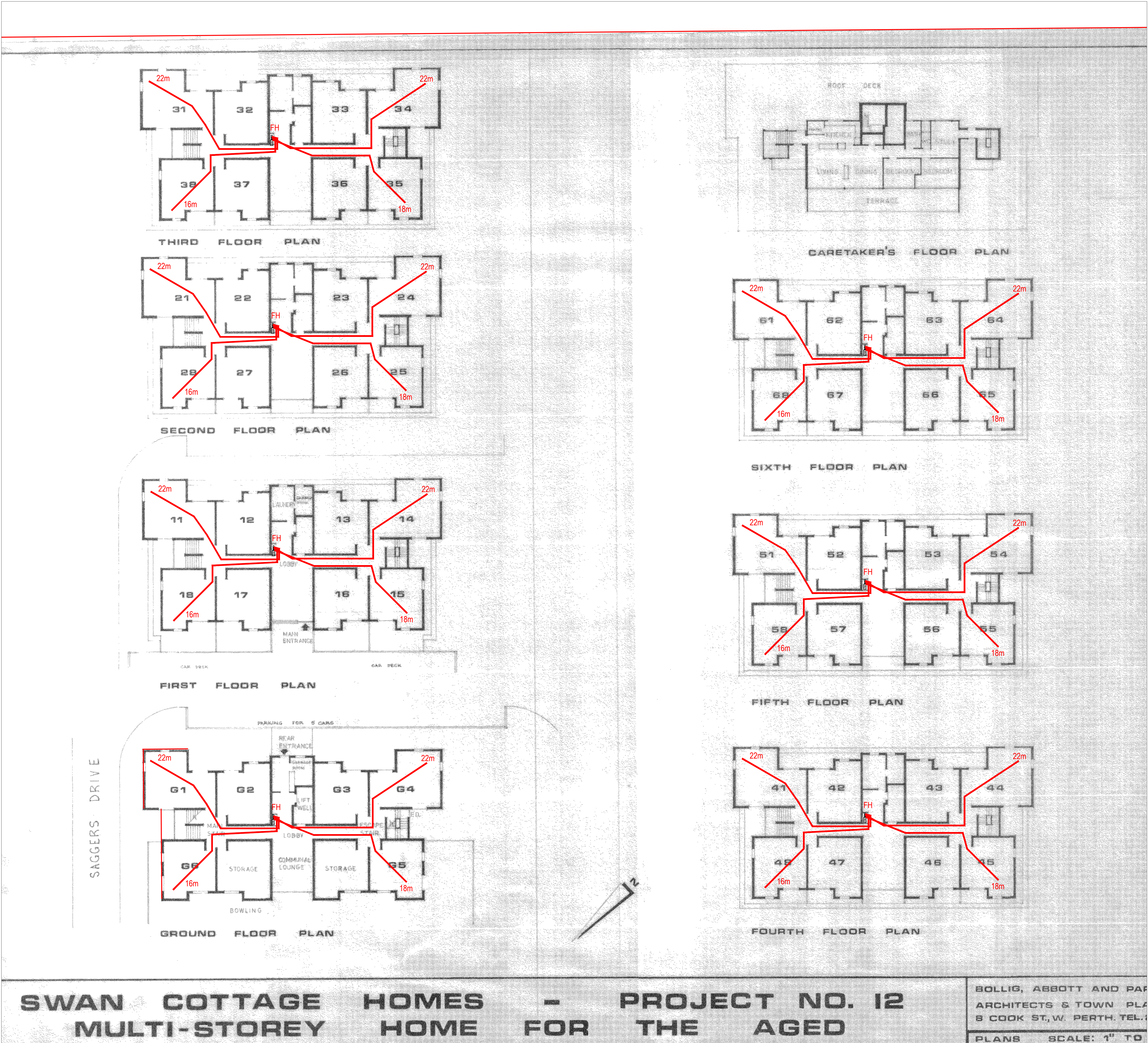




SERVICES KEY

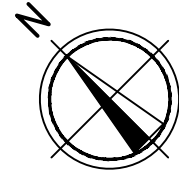
- AUTHORITY SEWER
- AUTHORITY WATER
- AUTHORITY GAS
- WATER SERVICE
- HEATED WATER SERVICE
- HEATED WARM WATER
- GAS SERVICE
- FIRE SERVICE
- NON POTABLE WATER
- REFLECTED PIPEWORK
- SOIL PIPE
- STORMWATER
- VENT PIPE
- WASTE PIPE
- TRADE WASTE
- MECHANICAL DRAIN
- RISE MAIN

SYMBOLS KEY

- AIR ADMITTANCE VALVE
- BAYONET
- BREAK POINT
- CAPPED/PLUGGED PIPE
- CLEANOUT
- CLEANOUT IN V/BOX
- CONTINUATION
- DISCONNECTOR GULLY
- DOWN PIPE SUMP BOX
- DROPPER
- FIRE HYDRANT
- FILTER
- FLOOR WASTE/GULLY
- FLOOR WASTE BOX
- INSPECTION OPENING
- ISOLATION VALVE
- IV IN V/BOX
- IV IN V/BOX
- NON RETURN VALVE
- PRESSURE LIMITING/RED VALVE
- PUMP
- REDUNDANT PIPE
- REGULATOR
- REFLEX VALVE
- DISCONNECTOR GULLY (DG-11)
- RISER
- SLEEVED PIPE
- SOIL/WASTE STACK
- STOP TAP
- STRAINER
- TRAP PRIMER
- VENT PIPE RISER
- FIRE HOSE REEL
- ACCESS PANEL (BY BUILDER)

ABBREVIATIONS

- AC AIR CONDITIONER
- ASC ASBESTOS CEMENT
- AP ACCESS PANEL
- AT ABLUTION TROUGH
- ATGD ATGD GAS
- AFI ABOVE FLOOR LEVEL
- AAV AIR ADMITTANCE VALVE
- AWC AMBULANT WATER CLOSET
- BD BALCONY DRAIN
- BT BUCKET TRAP
- BWU BOILING WATER UNIT
- BV BALL VALVE
- CD CONDENSATE DRAIN
- CW COLD WATER
- CBW COLD & HOT WATER
- CTW COLD & TEMPERED WATER
- CS CLEANERS SINK
- CM COFFEE MACHINE
- CO CLEAN OUT
- CP CHROME PLATED
- C/S CEILING SPACE
- CU COPPER
- CBWU CHILLED BOILING WATER UNIT
- CWU CHILLED WATER DRINKING UNIT
- DA DIAMETER
- DG DISCONNECTOR GULLY
- DGT DOUBLE GAS TURRET
- DPB DOWN PIPE SUMP BOX
- DF DRINKING FOUNTAIN
- D-SP DRAIN SPUR
- DW DSH WASHER
- DCV DOUBLE CHECK VALVE
- EC EVAPORATIVE COOLER
- EJ EXPANSION JOINT
- ESS EMERGENCY SAFETY SHUTOFF
- EW EYE WASH
- EX EXISTING
- FW FLOOR WASTE
- FWG FLOOR WASTE GULLY
- FS FIRE SERVICE
- FH FIRE HYDRANT
- FSL FINISHED SURFACE LEVEL
- FLUSHING RIM
- FCU FAN COIL UNIT
- FW FORWARD WORKS
- GC GRATED CHANNEL
- GRH GAS ROOM HEATER
- GRV GROUND LEVEL
- HFV HANDS FREE WALL BASIN
- HW HOT WATER
- HWF HOT WATER FLOW
- HWR HOT WATER RETURN
- HT HOSE TAP
- IL INVERT LEVEL
- IO INSPECTION OPENING
- IS INSPECTION SHIRT
- IW INDUSTRIAL WASTE
- WT INDUSTRIAL WASTE TRAP
- ISP INDUSTRIAL WASTE SAMPLE POINT
- I/C IN CAVITY
- I/G IN GROUND
- IV ISOLATION VALVE
- JU JUMP UP
- KS KITCHEN SINK
- LS LAR SINK
- LT LAUNDRY TROUGH
- M/BOX METER BOX
- MH MANHOLE
- MDPE MEDIUM DENSITY POLY ETHYLENE
- N NON POTABLE COLD WATER
- NPCW NON POTABLE COLD WATER
- NG NATURAL GAS
- OF OVERFLOW
- O/W ON WALL
- ORG OVERFLOW RELIEF GULLY
- PD PAIVING DRAIN
- PE POLY ETHYLENE
- PT PRACTICAL TROUGH
- PRV PRESSURE RELIEF VALVE
- PS PROPERTY SEWER
- PSH PROPERTY SEWER MANHOLE
- RWP RAIN WATER PIPE
- RP RELIEF POINT
- RPZD REDUCED PRESSURE ZONE DEVICE
- RECO RISING SHIRT CLEAN OUT
- RV REFLEX VALVE
- SIWSP SEALED INDUSTRIAL WASTE SAMPLE POINT
- SP SOIL PIPE
- SV SLUIKE VALVE
- SW STORM WATER
- SK SINK (CONNECT ONLY)
- SR SHOWER
- TD TUNDISH
- TW TEMPERED WATER
- U/S UNDER SLAB
- UWB UNIVERSAL WALL BASIN
- USHR UNIVERSAL SHOWER
- UWC UNIVERSAL WATER CLOSET
- VB VANTY BASIN
- V/BOX VALVE BOX
- VP VENT PIPE
- WP WASTE PIPE
- WB WALL BASIN
- WC WATER CLOSET
- WCVA WATER CORPORATION WA
- WW WASH WATER



REV	DATE	DESCRIPTION	CHECK
B	04.11.24	FIRE ENGINEERING REPORT ISSUE	JAT
A	21.02.24	DESIGN DEVELOPMENT	JAT

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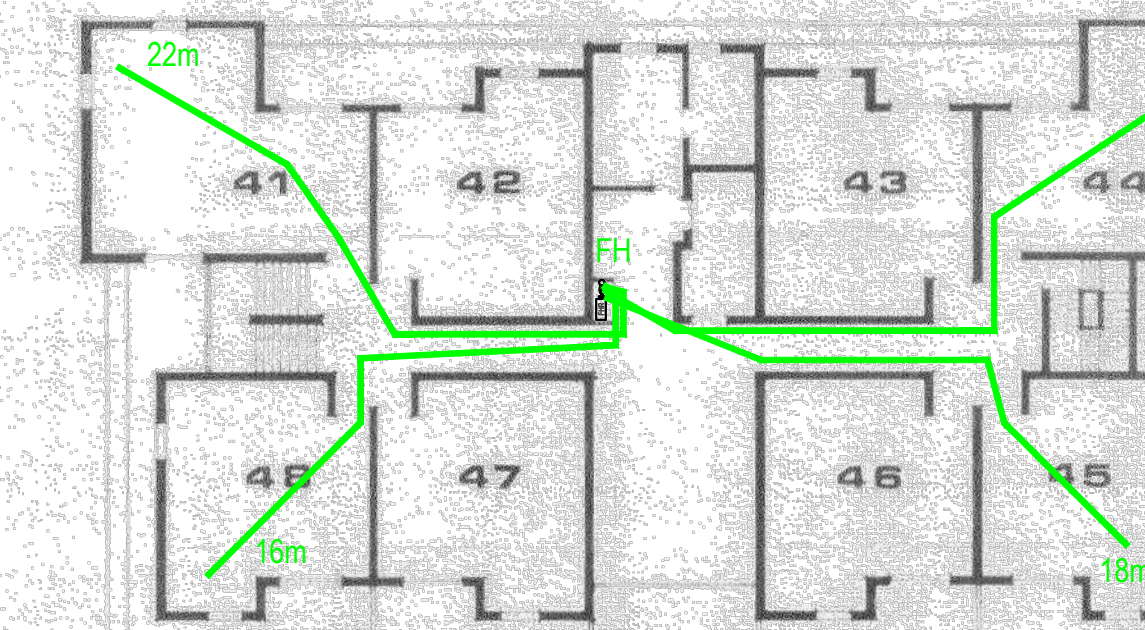
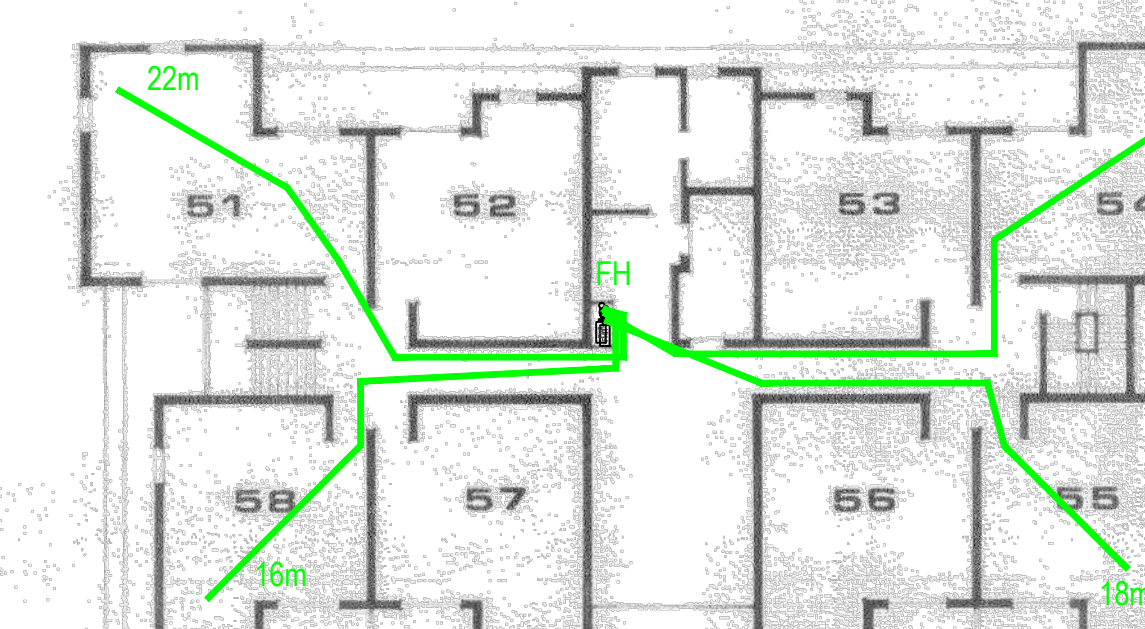
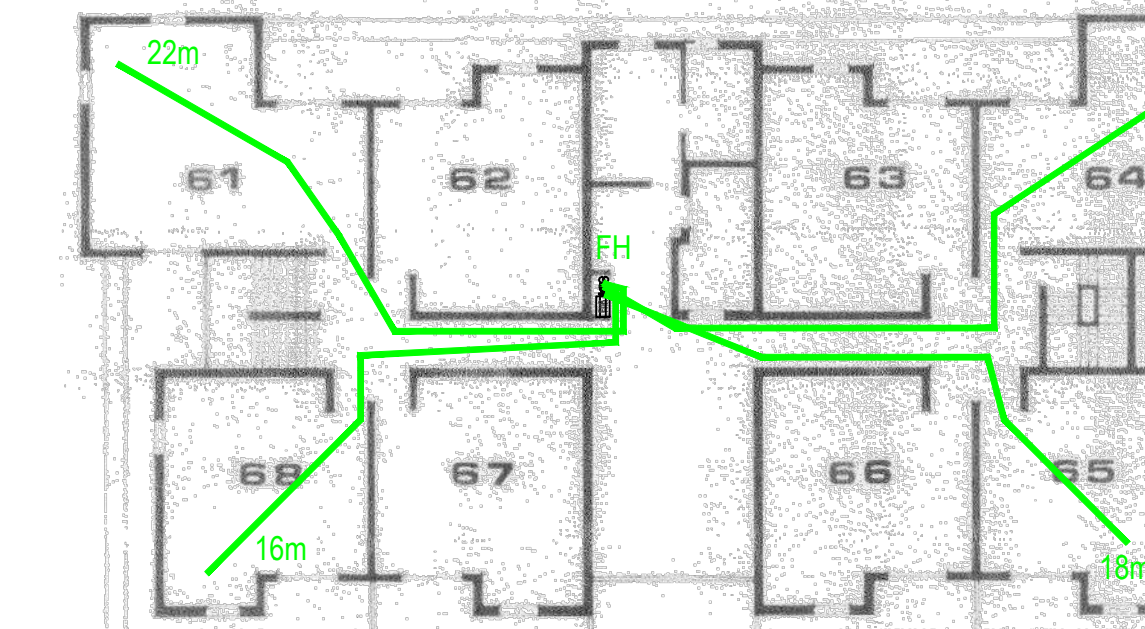
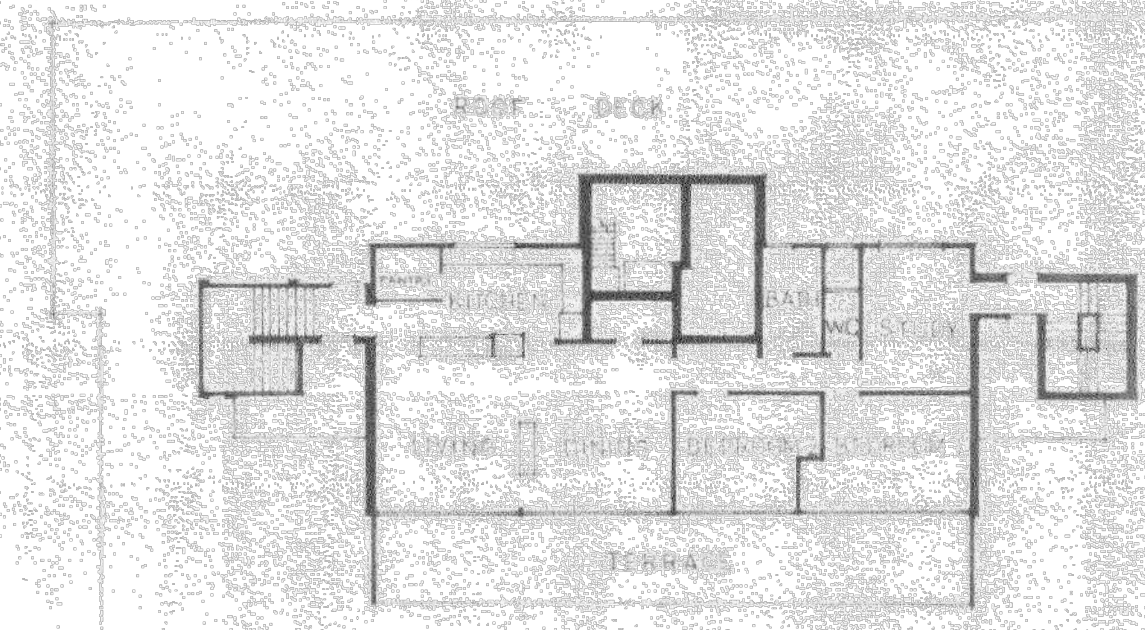
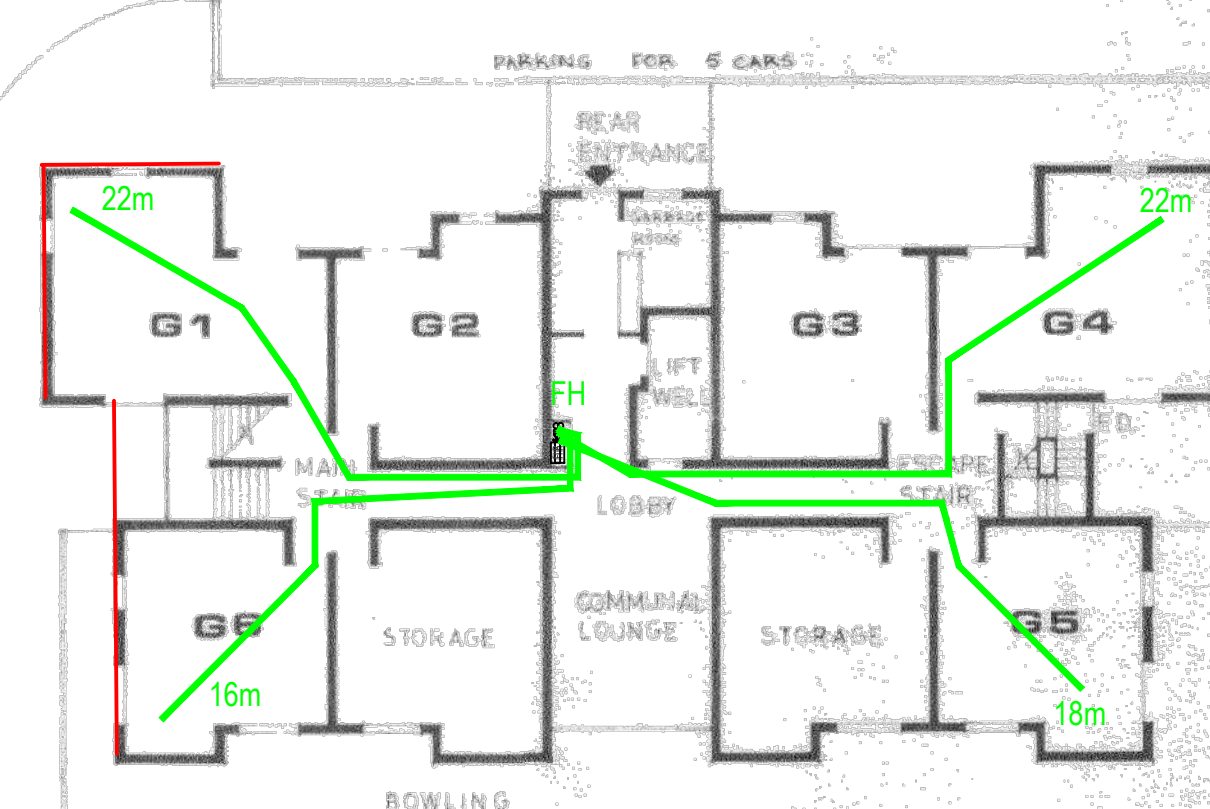
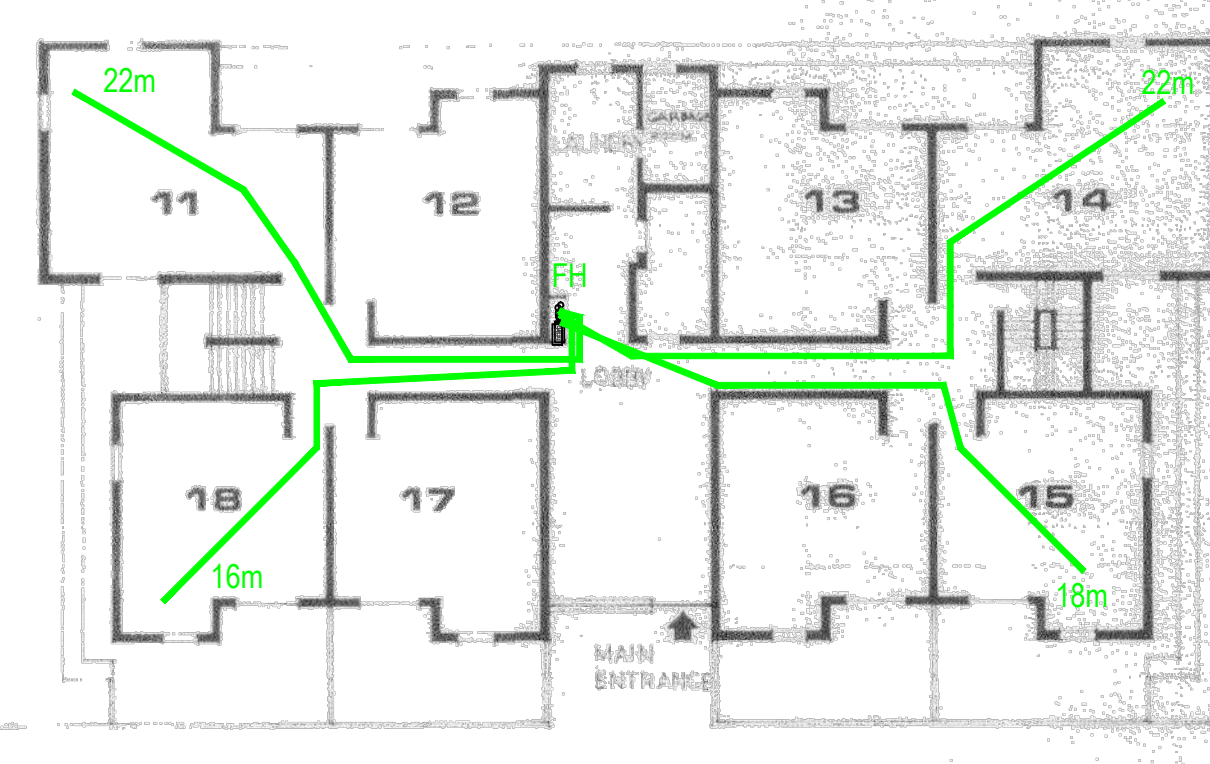
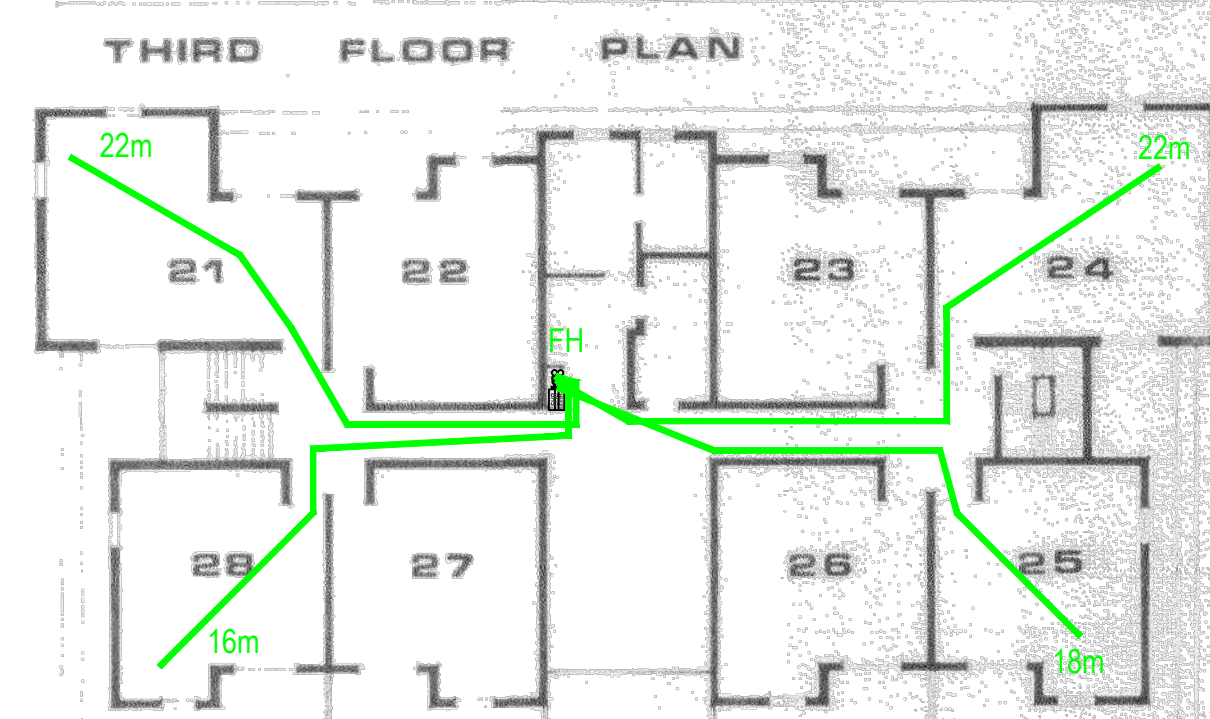
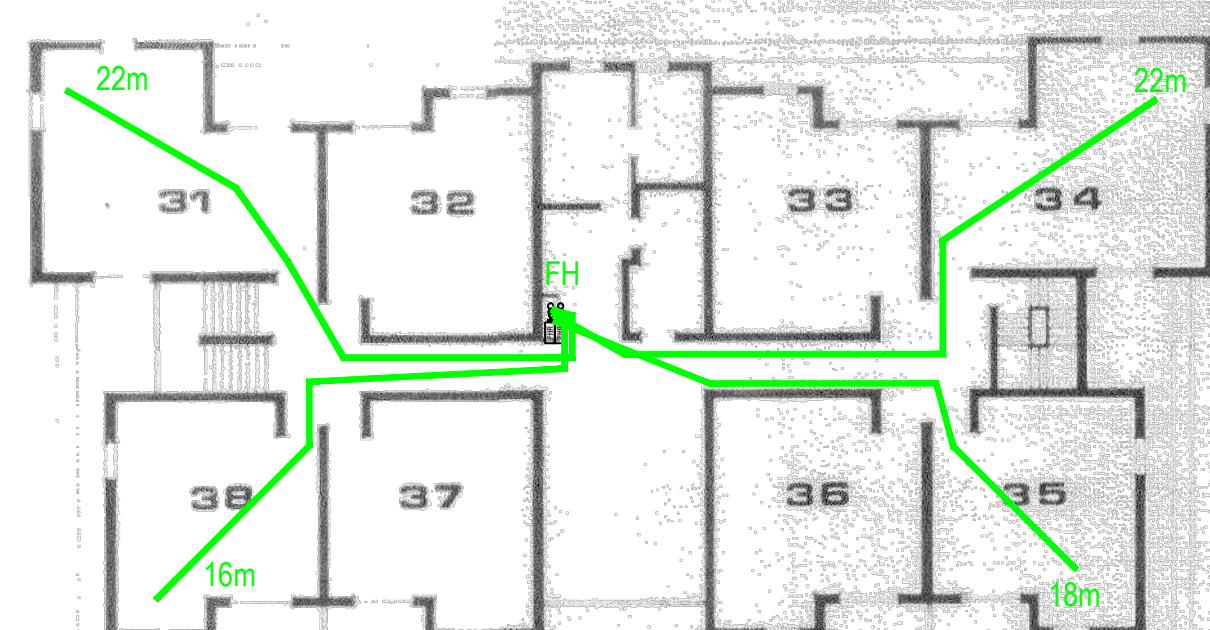
HYDRAULICS
RICHARD CLEAVER LODGE
LEVEL 1-6 & CARETAKER LODGE
FIRE HYDRANT COVERAGE

DRAWN	CA	DESIGNED	SP	REDUCTION
CHECKED	JP	PRINCIPAL		0 25
APPROVED	JT			
SCALE	NTS@ A1	DATE		DRAWING No.
HDA PROJ No. 23144				DFES 2

THIS IS A CADD DRAWING
DO NOT AMEND MANUALLY

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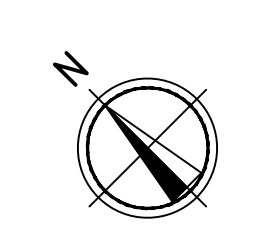
SHEET 2 OF 3



- SERVICES KEY**
- AUTHORITY SEWER
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 - SOLENOID
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 - WCWA WATER CORPORATION WA
 - WW WARM WATER



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FIRE HOSE REEL COVERAGE

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HDA PROJ No. 23144				DFES 3

SWAN COTTAGE HOMES - PROJECT NO. 12 MULTI-STOREY HOME FOR THE AGED

BOLLIG, ABBOTT
ARCHITECTS & TC
8 COOK ST, W. PE
PLANS SCALE

DFES - OVERALL SITE
FIRE HOSE REEL COVERAGE
SCALE 1:100 @ A1