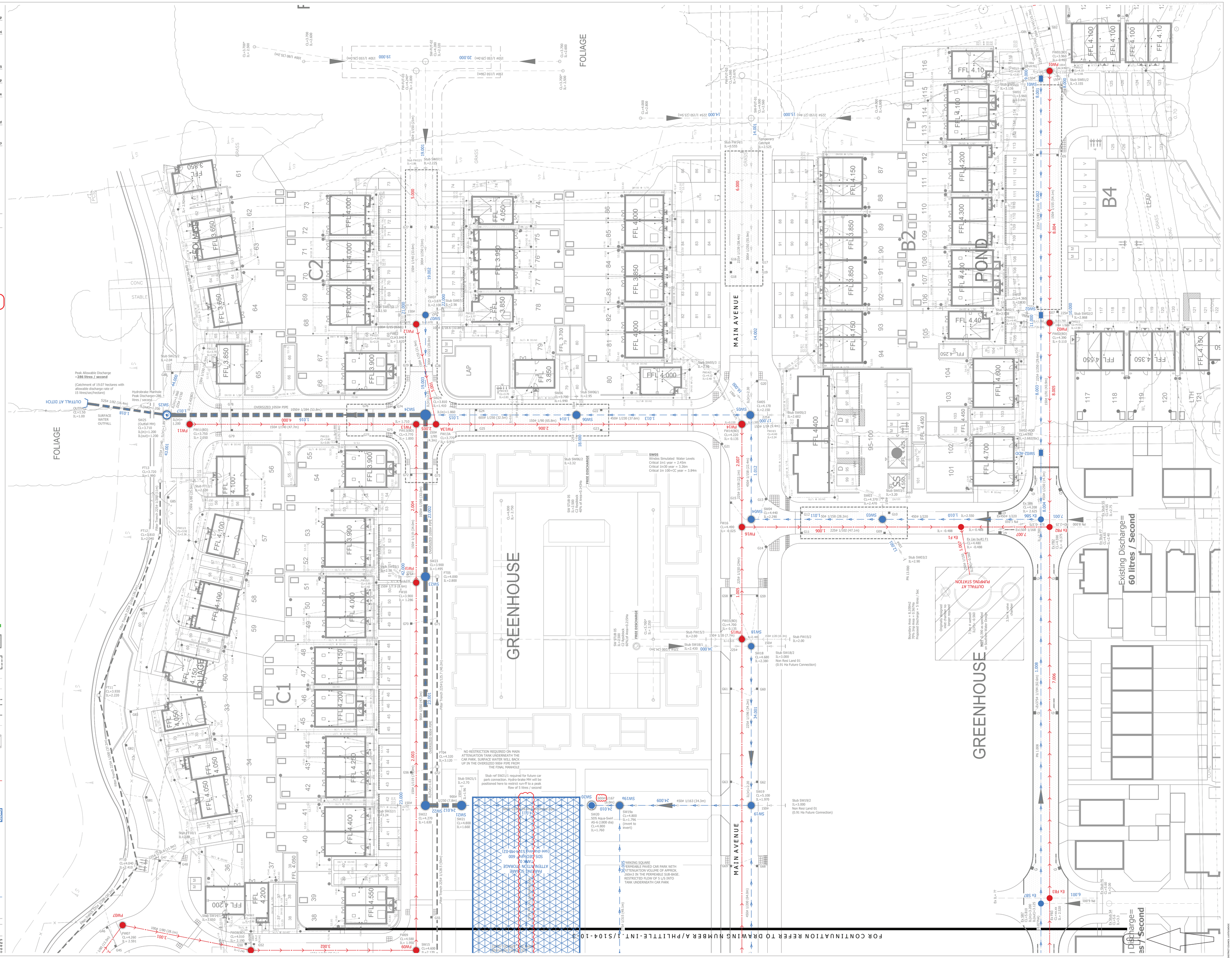
GREENHOUSE
GREENHOUSE
POND
B4
B2
C2
C1
MAIN AVENUE
MAIN AVENUE
LEAP
LAP
FOLIAGE
FOLIAGE
FOLIAGE
GRASS
CONC
STABLE
OUTFALL AT DITCH
SURFACE WATER OUTFALL
Peak Allowable Discharge ~286 litres / second
(Catchment of 19.07 hectares with allowable discharge rate of 15 litres/sec/hectare)
Hydrobrake Manhole Peak Discharge=286 litres / second
OVERSIZED 1050ø PIPE
PUMPING STATION
Existing Discharge= 60 litres / Second
Existing Discharge= 60 litres / Second
FREE DISCHARGE
FREE DISCHARGE
NO RESTRICTION REQUIRED ON MAIN ATTENUATION TANK UNDERNEATH THE CAR PARK. SURFACE WATER WILL BACK UP IN THE OVERSIZED 900Ø PIPE FROM THE FINAL MANHOLE
Stub ref SW21/1 required for future car park connection. Hydro-brake Mh will be positioned here to restrict run-off to a peak flow of 5 litres / second
SW05
Windes Simulated Water Levels
Critical 1in1 year = 2.45m
Critical 1in30 year = 3.26m
Critical 1in 100+CC year = 3.84m
SW20
SDS Aqua-Swirl AS-6 (1800 dia)
CL=4.800
IL=1.760
SW19a
CL=4.800
IL=1.796
(invert to invert)
SW19
CL=5.100
IL=1.970
SW19/2
IL=3.000
Non Resi Land 01
(0.91 Ha Future Connection)
SW18
CL=4.680
IL=2.380
SW18/2
IL=3.000
Non Resi Land 01
(0.91 Ha Future Connection)
SW21
CL=4.800
IL=1.660
SW22
CL=4.270
IL=1.630
SW23
CL=3.900
IL=1.495
SW24
CL=3.810
IL=1.410
SW25
(Outfall MH)
CL=3.710
IL(in)=1.200
IL(out)=1.200
SW01
CL=3.960
IL=2.040
SW02
CL=4.390
IL=2.190
SW03
CL=4.370
IL=2.470
SW04
CL=4.440
IL=2.290
SW05
CL=4.170
IL=2.190
SW06
CL=3.700
IL=1.990
SW07
CL=3.870
IL=2.210
SW08
CL=3.810
IL=2.250
SW09
CL=3.810
IL=2.250
SW10
CL=3.900
IL= 1.260
SW11
CL=3.950
IL=2.220
SW12
CL=3.930
IL=2.220
SW13
CL=3.770
IL= 1.000
SW13A
CL=3.770
IL=0.950
SW14
CL=4.220
IL=0.135
SW15
CL=4.600
IL=3.130
SW16
CL=4.490
IL=-0.023
SW17
CL=4.480
IL=0.135
SW18
CL=4.680
IL=2.380
SW19
CL=5.100
IL=1.970
SW20
SDS Aqua-Swirl AS-6 (1800 dia)
CL=4.800
IL=1.760
SW21
CL=4.800
IL=1.660
SW22
CL=4.270
IL=1.630
SW23
CL=3.900
IL=1.495
SW24
CL=3.810
IL=1.410
SW25
(Outfall MH)
CL=3.710
IL(in)=1.200
IL(out)=1.200
FW01
FW01(BD)
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FW33(BD)