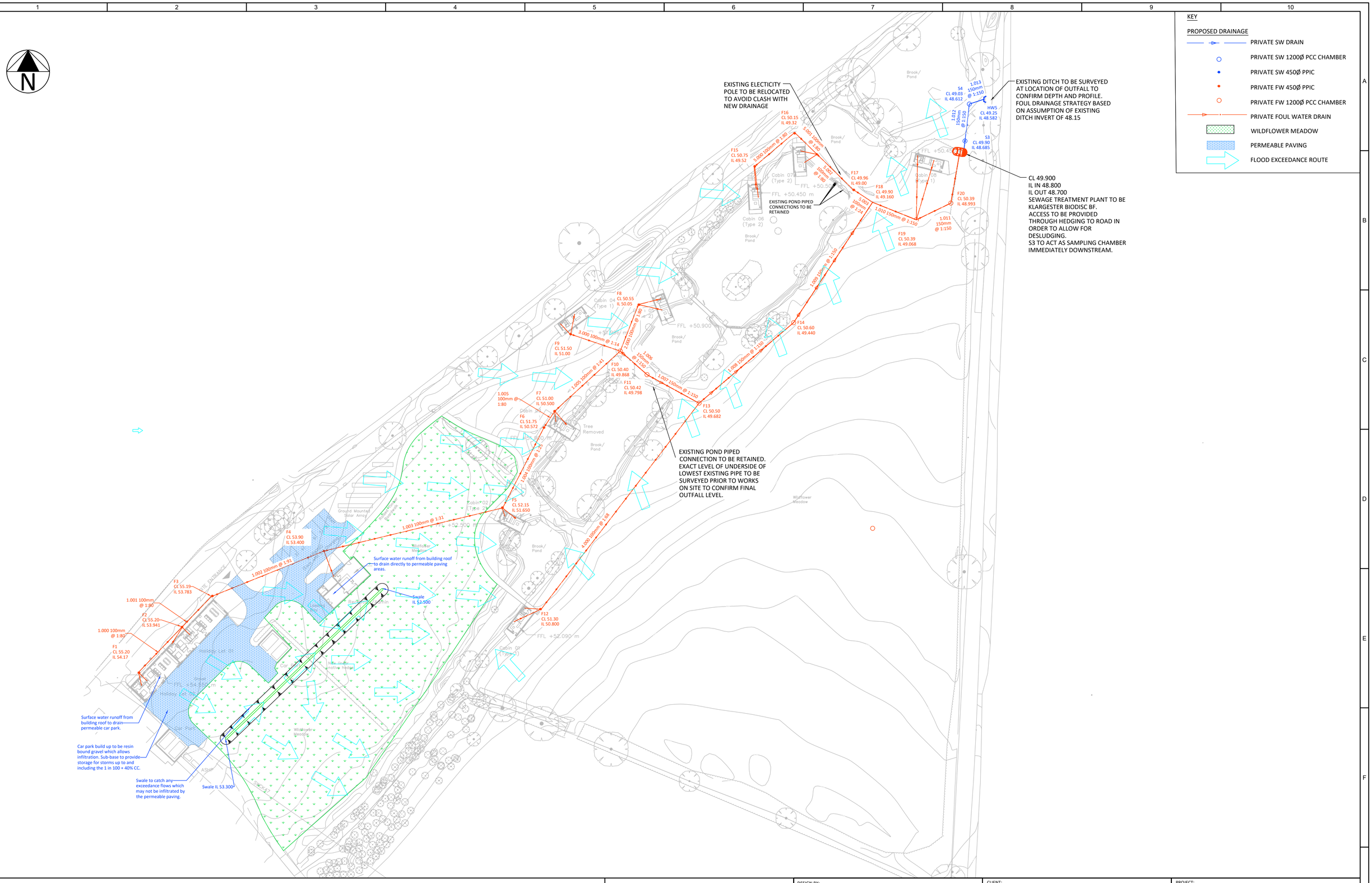

N
KEY
PROPOSED DRAINAGE
PRIVATE SW DRAIN
PRIVATE SW 1200Ø PCC CHAMBER
PRIVATE SW 450Ø PPIC
PRIVATE FW 450Ø PPIC
PRIVATE FW 1200Ø PCC CHAMBER
PRIVATE FOUL WATER DRAIN
WILDFLOWER MEADOW
PERMEABLE PAVING
FLOOD EXCEEDANCE ROUTE
EXISTING ELECTICITY POLE TO BE RELOCATED TO AVOID CLASH WITH NEW DRAINAGE
EXISTING DITCH TO BE SURVEYED AT LOCATION OF OUTFALL TO CONFIRM DEPTH AND PROFILE. FOUL DRAINAGE STRATEGY BASED ON ASSUMPTION OF EXISTING DITCH INVERT OF 48.15
CL 49.900
IL IN 48.800
IL OUT 48.700
SEWAGE TREATMENT PLANT TO BE KLARGESTER BIODISC BF.
ACCESS TO BE PROVIDED THROUGH HEDGING TO ROAD IN ORDER TO ALLOW FOR DESLUDGING.
S3 TO ACT AS SAMPLING CHAMBER IMMEDIATELY DOWNSTREAM.
EXISTING POND PIPED CONNECTIONS TO BE RETAINED
EXISTING POND PIPED CONNECTION TO BE RETAINED. EXACT LEVEL OF UNDERSIDE OF LOWEST EXISTING PIPE TO BE SURVEYED PRIOR TO WORKS ON SITE TO CONFIRM FINAL OUTFALL LEVEL.
Surface water runoff from building roof to drain directly to permeable paving areas.
Swale IL 52.500
Surface water runoff from building roof to drain permeable car park.
Car park build up to be resin bound gravel which allows infiltration. Sub-base to provide storage for storms up to and including the 1 in 100 + 40% CC.
Swale to catch any exceedance flows which may not be infiltrated by the permeable paving.
Swale IL 53.300
F1 CL 55.20 IL 54.17
F2 CL 55.20 IL 53.941
F3 CL 55.19 IL 53.783
F4 CL 53.90 IL 53.400
F5 CL 52.15 IL 51.650
F6 CL 51.75 IL 50.572
F7 CL 51.00 IL 50.500
F8 CL 50.55 IL 50.05
F9 CL 51.50 IL 51.00
F10 CL 50.40 IL 49.868
F11 CL 50.42 IL 49.798
F12 CL 51.30 IL 50.800
F13 CL 50.50 IL 49.682
F14 CL 50.60 IL 49.440
F15 CL 50.75 IL 49.52
F16 CL 50.15 IL 49.32
F17 CL 49.96 IL 49.00
F18 CL 49.90 IL 49.160
F19 CL 50.39 IL 49.068
F20 CL 50.39 IL 48.993
S3 CL 49.90 IL 48.685
S4 CL 49.03 IL 48.612
HW5 CL 49.25 IL 48.582
1.000 100mm @ 1:80
1.001 100mm @ 1:80
1.002 100mm @ 1:91
1.003 100mm @ 1:31
1.004 100mm @ 1:25
1.005 100mm @ 1:41
1.006 150mm @ 1:150
1.007 150mm @ 1:150
1.008 150mm @ 1:150
1.009 150mm @ 1:150
1.010 150mm @ 1:150
1.011 150mm @ 1:150
1.012 150mm @ 1:150
1.013 150mm @ 1:150
3.000 100mm @ 1:14
3.001 100mm @ 1:80
3.002 100mm @ 1:80
3.003 100mm @ 1:24
4.000 100mm @ 1:68
FFL +52.090 m
FFL +52.500 m
FFL +50.900 m
FFL +50.450 m
FFL +50.420 m
Cabin 01 (Type 1)
Cabin 02 (Type 2)
Cabin 03 (Type 1)
Cabin 04 (Type 1)
Cabin 05 (Type 2)
Cabin 06 (Type 2)
Cabin 07 (Type 2)
Cabin 08 (Type 1)
Ground Mounted Solar Array
Tree Removed
Wildflower Meadow
Brook/ Pond
SITE ENTRANCE
ASHP
Car Park
New swale planting mixture
Reception Cabin
Shower Block
Toilet Block
Play Area
Fire Pit
Fire Pit Area
Seating Area
Campfire Area
Campfire Seating Area
Campfire Seating Area
Campfire Seating