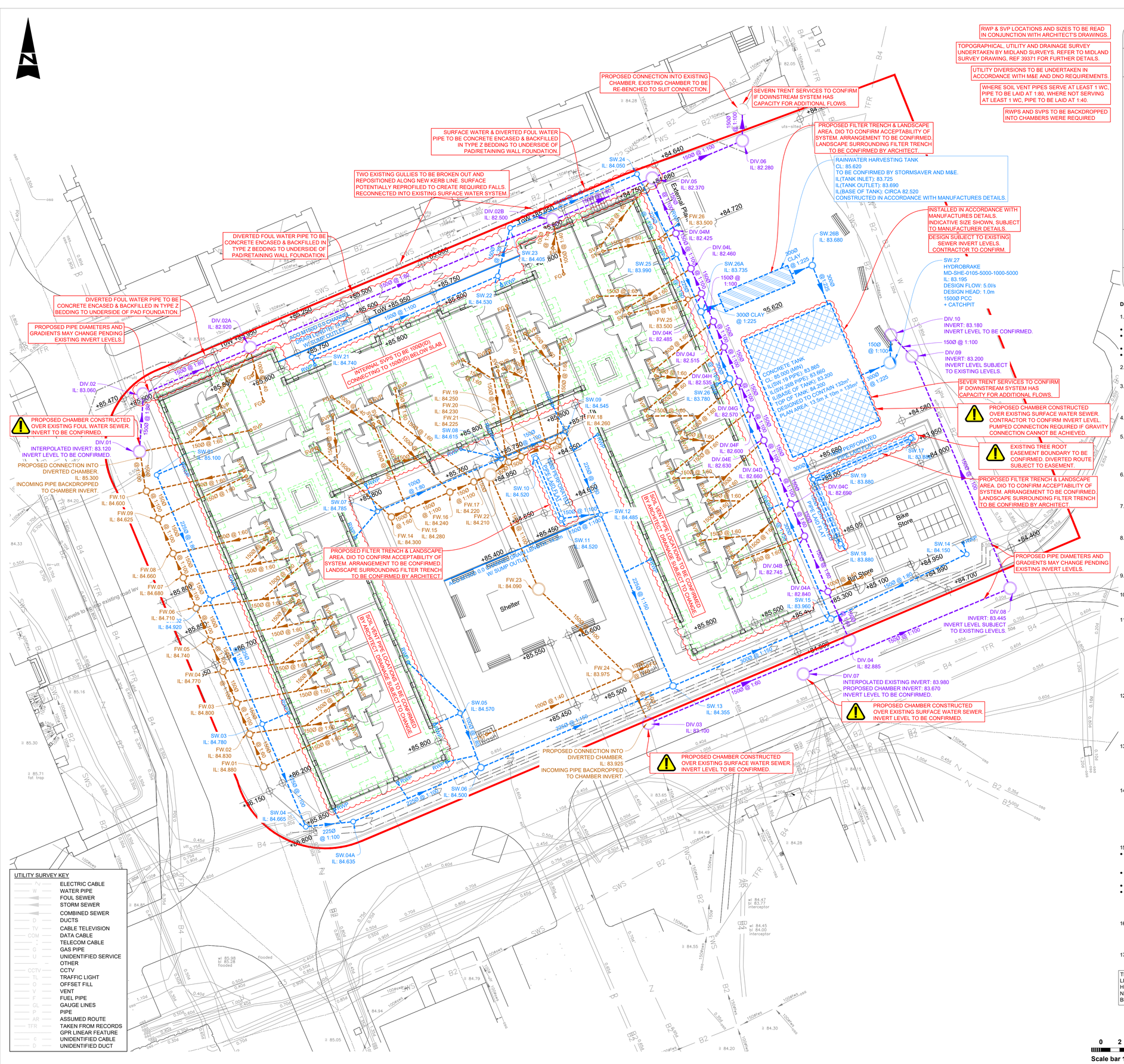
RWP & SVP LOCATIONS AND SIZES TO BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS.
TOPOGRAPHICAL, UTILITY AND DRAINAGE SURVEY UNDERTAKEN BY MIDLAND SURVEYS. REFER TO MIDLAND SURVEY DRAWING, REF 39371 FOR FURTHER DETAILS.
UTILITY DIVERSIONS TO BE UNDERTAKEN IN ACCORDANCE WITH M&E AND DNO REQUIREMENTS.
WHERE SOIL VENT PIPES SERVE AT LEAST 1 WC, PIPE TO BE LAID AT 1:80, WHERE NOT SERVING AT LEAST 1 WC, PIPE TO BE LAID AT 1:40.
RWPS AND SVPS TO BE BACKDROPPED INTO CHAMBERS WERE REQUIRED
PROPOSED CONNECTION INTO EXISTING CHAMBER. EXISTING CHAMBER TO BE RE-BENCHED TO SUIT CONNECTION.
SEVERN TRENT SERVICES TO CONFIRM IF DOWNSTREAM SYSTEM HAS CAPACITY FOR ADDITIONAL FLOWS.
SURFACE WATER & DIVERTED FOUL WATER PIPE TO BE CONCRETE ENCASED & BACKFILLED IN TYPE Z BEDDING TO UNDERSIDE OF PAD/RETAINING WALL FOUNDATION.
PROPOSED FILTER TRENCH & LANDSCAPE AREA. DIO TO CONFIRM ACCEPTABILITY OF SYSTEM. ARRANGEMENT TO BE CONFIRMED. LANDSCAPE SURROUNDING FILTER TRENCH TO BE CONFIRMED BY ARCHITECT.
RAINWATER HARVESTING TANK
CL: 85.620
TO BE CONFIRMED BY STORMSAVER AND M&E.
IL(TANK INLET): 83.725
IL(TANK OUTLET): 83.690
IL(BASE OF TANK): CIRCA 82.520
CONSTRUCTED IN ACCORDANCE WITH MANUFACTURES DETAILS.
TWO EXISTING GULLIES TO BE BROKEN OUT AND REPOSITIONED ALONG NEW KERB LINE. SURFACE POTENTIALLY REPROFILED TO CREATE REQUIRED FALLS. RECONNECTED INTO EXISTING SURFACE WATER SYSTEM.
INSTALLED IN ACCORDANCE WITH MANUFACTURES DETAILS. INDICATIVE SIZE SHOWN, SUBJECT TO MANUFACTURER DETAILS.
DESIGN SUBJECT TO EXISTING SEWER INVERT LEVELS. CONTRACTOR TO CONFIRM.
DIVERTED FOUL WATER PIPE TO BE CONCRETE ENCASED & BACKFILLED IN TYPE Z BEDDING TO UNDERSIDE OF PAD/RETAINING WALL FOUNDATION.
DIVERTED FOUL WATER PIPE TO BE CONCRETE ENCASED & BACKFILLED IN TYPE Z BEDDING TO UNDERSIDE OF PAD FOUNDATION.
PROPOSED PIPE DIAMETERS AND GRADIENTS MAY CHANGE PENDING EXISTING INVERT LEVELS.
INTERNAL SYSTEMS TO BE 1000Ø(ID) CONNECTING TO 1500Ø(ID) BELOW SLAB.
PROPOSED CHAMBER CONSTRUCTED OVER EXISTING FOUL WATER SEWER. INVERT TO BE CONFIRMED.
INTERPOLATED INVERT: 83.120
INVERT LEVEL TO BE CONFIRMED.
PROPOSED CONNECTION INTO DIVERTED CHAMBER.
IL: 85.300
INCOMING PIPE BACKDROPPED TO CHAMBER INVERT.
SOIL VENT PIPE LOCATIONS TO BE CONFIRMED BY ARCHITECT. DRAINAGE SUBJECT TO CHANGE
PROPOSED CONNECTION INTO DIVERTED CHAMBER.
IL: 83.925
INCOMING PIPE BACKDROPPED TO CHAMBER INVERT.
PROPOSED CHAMBER CONSTRUCTED OVER EXISTING SURFACE WATER SEWER. INVERT LEVEL TO BE CONFIRMED.
CONCRETE TANK
CL: 86.500 (MIN)
IL(SW 1Ø PIPE): 83.865
IL(SW 26Ø PIPE): 83.660
IL(BASE OF TANK): 83.200
TOP OF TANK: 84.300
DESIGNED TO CONTAIN 132m³
PLAN AREA: 13.90m X 10m = 135m²
PROPOSED CHAMBER CONSTRUCTED OVER EXISTING SURFACE WATER SEWER. PUMPED CONNECTION REQUIRED IF GRAVITY CONNECTION CANNOT BE ACHIEVED.
SEVER TRENT SERVICES TO CONFIRM IF DOWNSTREAM SYSTEM HAS CAPACITY FOR ADDITIONAL FLOWS.
EXISTING TREE ROOT EASEMENT BOUNDARY TO BE CONFIRMED. DIVERTED ROUTE SUBJECT TO EASEMENT.
PROPOSED FILTER TRENCH & LANDSCAPE AREA. DIO TO CONFIRM ACCEPTABILITY OF SYSTEM. ARRANGEMENT TO BE CONFIRMED. LANDSCAPE SURROUNDING FILTER TRENCH TO BE CONFIRMED BY ARCHITECT.
PROPOSED PIPE DIAMETERS AND GRADIENTS MAY CHANGE PENDING EXISTING INVERT LEVELS.
DIV.07
INTERPOLATED EXISTING INVERT: 83.980
PROPOSED CHAMBER INVERT: 83.670
INVERT LEVEL TO BE CONFIRMED.
PROPOSED CHAMBER CONSTRUCTED OVER EXISTING SURFACE WATER SEWER. INVERT LEVEL TO BE CONFIRMED.
DIV.08
INVERT: 83.445
INVERT LEVEL SUBJECT TO EXISTING LEVELS.
SW.27
HYDROBRAKE
MD-SHE-0105-5000-1000-5000
IL: 83.195
DESIGN FLOW: 5.0l/s
DESIGN HEAD: 1.0m
1500Ø PCC
+ CATCHPIT
DIV.10
INVERT: 83.180
INVERT LEVEL TO BE CONFIRMED.
DIV.09
INVERT: 83.200
INVERT LEVEL SUBJECT TO EXISTING LEVELS.
Bin Store
Shelter
Bike Store
Levels to tie in to existing road lev
Flooded
Ø225 PERFORATED PIPE LAID FLAT
Ø225 PIPE LAID FLAT
Ø225 PIPE LAID AT 1:40
Ø225 PIPE LAID AT 1:80
Ø225 PIPE LAID AT 1:150
Ø225 PIPE LAID AT 1:100
Ø225 PIPE LAID AT 1:200
Ø225 PIPE LAID AT 1:225
Ø225 PIPE LAID AT 1:1150
Ø225 PIPE LAID AT 1:1100
Ø225 PIPE LAID AT 1:1200
Ø225 PIPE LAID AT 1:1225
Ø225 PIPE LAID AT 1:1250
Ø225 PIPE LAID AT 1:1300
Ø225 PIPE LAID AT 1:1350
Ø225 PIPE LAID AT 1:1400
Ø225 PIPE LAID AT 1:1450
Ø225 PIPE LAID AT 1:1500
Ø225 PIPE LAID AT 1:1550
Ø225 PIPE LAID AT 1:1600
Ø225 PIPE LAID AT