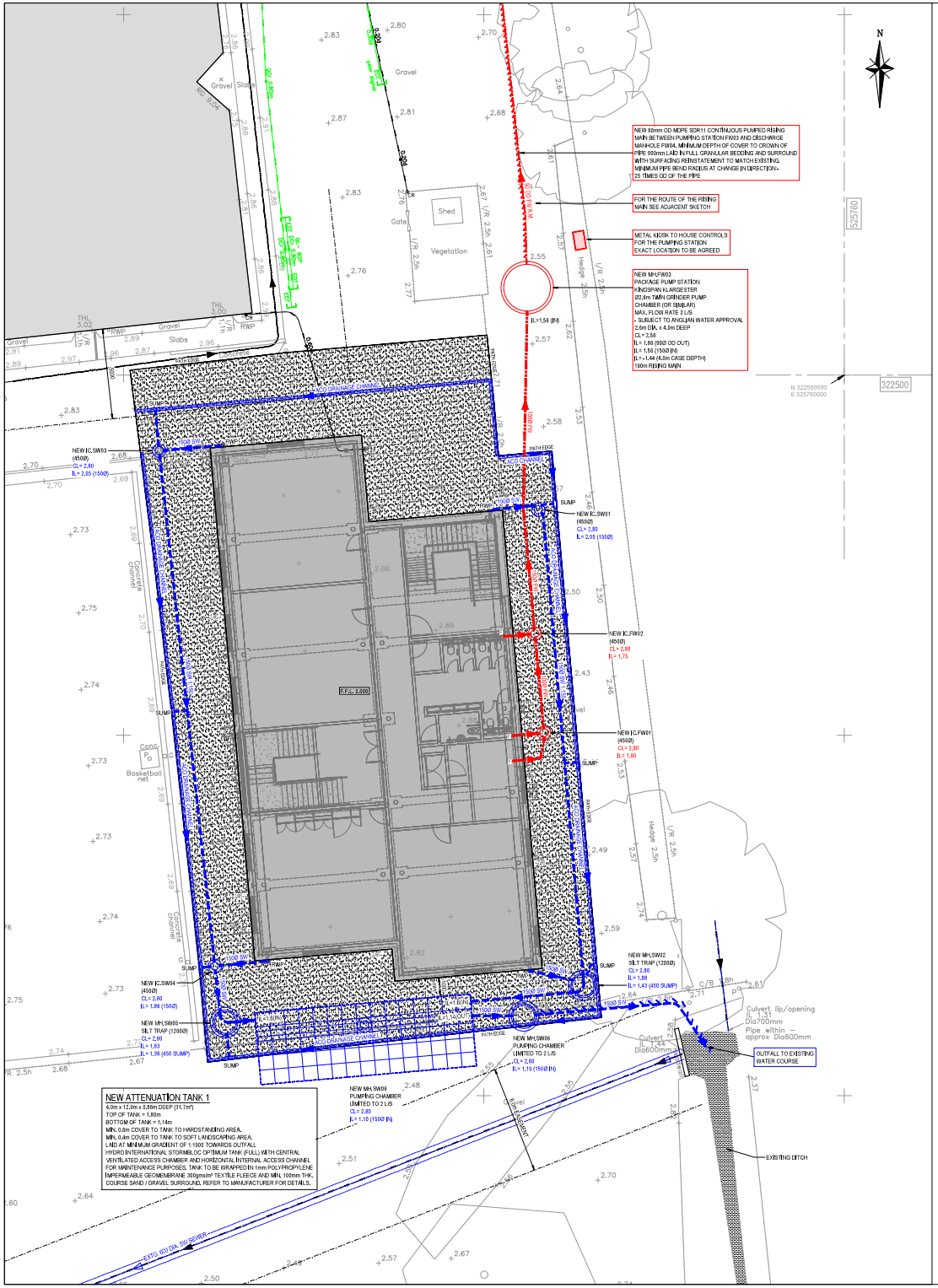

NEW 90mm OD MDPE SDR11 CONTINUOUS PUMPED RISING MAIN BETWEEN PUMPING STATION FW03 AND DISCHARGE MANHOLE FW04. MINIMUM DEPTH OF COVER TO CROWN OF PIPE 900mm LAID IN FULL GRANULAR BEDDING AND SURROUND WITH SURFACING REINSTATEMENT TO MATCH EXISTING. MINIMUM PIPE BEND RADIUS AT CHANGE IN DIRECTION= 25 TIMES OD OF THE PIPE
FOR THE ROUTE OF THE RISING MAIN SEE ADJACENT SKETCH
METAL KIOSK TO HOUSE CONTROLS FOR THE PUMPING STATION EXACT LOCATION TO BE AGREED
NEW MH.FW03 PACKAGE PUMP STATION KINGSPAN KLARGESTER Ø2.6m TWIN GRINDER PUMP CHAMBER (OR SIMILAR) MAX. FLOW RATE 3 L/S - SUBJECT TO ANGLIAN WATER APPROVAL 2.6m DIA - 4.6m DEEP CL = 2.55 IL= 1.86 (160 OD OUT) IL= 1.56 (150D IN) IL= -1.44 (4.0m CASE DEPTH) 160m RISING MAIN
IL=1.56 (IN)
525760
322500
N 322500000
E 525760000
NEW IC.SW03 (4500) CL= 2.80 IL= 2.65 (150D)
NEW IC.SW01 (4500) CL= 2.80 IL= 2.65 (150D)
NEW IC.FW02 (4500) CL= 2.80 IL= 1.75
NEW IC.FW01 (4500) CL= 2.80 IL= 1.60
NEW IC.SW04 (4500) CL= 2.80 IL= 1.86 (150D)
NEW MH.SW05 SILT TRAP (1200D) CL= 2.80 IL= 1.63 IL= 1.38 (450 SUMP)
NEW MH.SW02 SILT TRAP (1200D) CL= 2.80 IL= 1.88 IL= 1.43 (450 SUMP)
NEW MH.SW06 PUMPING CHAMBER LIMITED TO 2 L/S CL= 2.80 IL= 1.10 (150D IN)
NEW MH.SW08 PUMPING CHAMBER LIMITED TO 2 L/S CL= 2.80 IL= 1.10 (150D IN)
NEW ATTENUATION TANK 1
4.0m x 12.5m x 3.55m DEEP (31.7m³)
TOP OF TANK = 1.80m
BOTTOM OF TANK = 1.14m
MIN. 0.6m COVER TO TANK TO HARDSTANDING AREA.
MIN. 0.4m COVER TO TANK TO SOFT LANDSCAPING AREA.
LAID AT MINIMUM GRADIENT OF 1:1000 TOWARDS OUTFALL
HYDRO INTERNATIONAL STORMBLOC OPTIMUM TANK (FULL) WITH CENTRAL VENTILATED ACCESS CHAMBER AND HORIZONTAL INTERNAL ACCESS CHANNEL FOR MAINTENANCE PURPOSES. TANK TO BE WRAPPED IN 1mm POLYPROPYLENE IMPERMEABLE GEOMEMBRANE 350gm/sqm² TEXTILE FLEECE AND MIN. 100mm THK. COURSE SAND / GRAVEL SURROUND. REFER TO MANUFACTURER FOR DETAILS.
OUTFALL TO EXISTING WATER COURSE
EXISTING DITCH
EXTG 600 DIA. SW SEWER
EXTG 450 DIA. SW SEWER
EXTG 225 DIA. FW RISING MAIN
EXTG 150 DIA. FW RISING MAIN
EXTG 225 DIA. FW SEWER
EXTG 150 DIA. FW SEWER
EXTG 300 DIA. FW SEWER
EXTG 225 DIA. SW SEWER
EXTG 300 DIA. SW SEWER
EXTG 150 DIA. SW SEWER
EXTG 375 DIA. SW SEWER