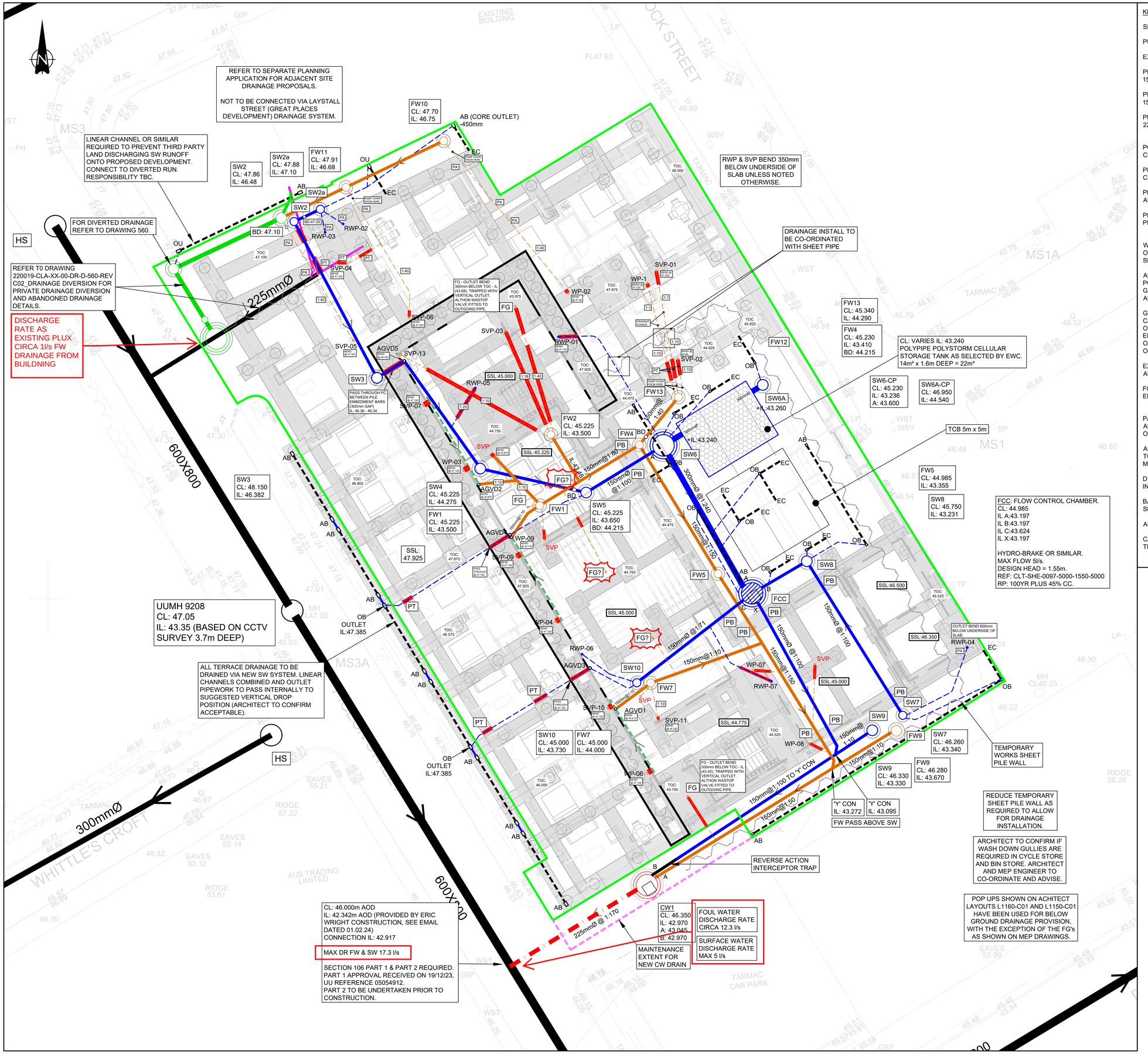
REFER TO SEPARATE PLANNING APPLICATION FOR ADJACENT SITE DRAINAGE PROPOSALS.
NOT TO BE CONNECTED VIA LAYSTALL STREET (GREAT PLACES DEVELOPMENT) DRAINAGE SYSTEM.
LINEAR CHANNEL OR SIMILAR REQUIRED TO PREVENT THIRD PARTY LAND DISCHARGING SW RUNOFF ONTO PROPOSED DEVELOPMENT. CONNECT TO DIVERTED RUN. RESPONSIBILITY TBC.
FOR DIVERTED DRAINAGE REFER TO DRAWING 560.
REFER T0 DRAWING 220019-CLA-XX-00-DR-D-560-REV C02_DRAINAGE DIVERSION FOR PRIVATE DRAINAGE DIVERSION AND ABANDONED DRAINAGE DETAILS.
DISCHARGE RATE AS EXISTING PLUX CIRCA 1l/s FW DRAINAGE FROM BUILDNING
UUMH 9208
CL: 47.05
IL: 43.35 (BASED ON CCTV SURVEY 3.7m DEEP)
ALL TERRACE DRAINAGE TO BE DRAINED VIA NEW SW SYSTEM. LINEAR CHANNELS COMBINED AND OUTLET PIPEWORK TO PASS INTERNALLY TO SUGGESTED VERTICAL DROP POSITION (ARCHITECT TO CONFIRM ACCEPTABLE).
CL: 46.000m AOD
IL: 42.342m AOD (PROVIDED BY ERIC WRIGHT CONSTRUCTION, SEE EMAIL DATED 01.02.24)
CONNECTION IL: 42.917
MAX DR FW & SW 17.3 l/s
SECTION 106 PART 1 & PART 2 REQUIRED. PART 1 APPROVAL RECEIVED ON 19/12/23, UU REFERENCE 05054912. PART 2 TO BE UNDERTAKEN PRIOR TO CONSTRUCTION.
RWP & SVP BEND 350mm BELOW UNDERSIDE OF SLAB UNLESS NOTED OTHERWISE.
DRAINAGE INSTALL TO BE CO-ORDINATED WITH SHEET PIPE
CL: VARIES IL: 43.240 POLYPIPE POLYSTORM CELLULAR STORAGE TANK AS SELECTED BY EWC. 14m² x 1.6m DEEP = 22m³
TEMPORARY WORKS SHEET PILE WALL
REDUCE TEMPORARY SHEET PILE WALL AS REQUIRED TO ALLOW FOR DRAINAGE INSTALLATION.
ARCHITECT TO CONFIRM IF WASH DOWN GULLIES ARE REQUIRED IN CYCLE STORE AND BIN STORE. ARCHITECT AND MEP ENGINEER TO CO-ORDINATE AND ADVISE.
POP UPS SHOWN ON ACHITECT LAYOUTS L1160-C01 AND L1150-C01 HAVE BEEN USED FOR BELOW GROUND DRAINAGE PROVISION, WITH THE EXCEPTION OF THE FG's AS SHOWN ON MEP DRAWINGS.
REVERSE ACTION INTERCEPTOR TRAP
FCC: FLOW CONTROL CHAMBER.
CL: 44.985
IL A:43.197
IL B:43.197
IL C:43.624
IL X:43.197
HYDRO-BRAKE OR SIMILAR.
MAX FLOW 5l/s.
DESIGN HEAD = 1.55m.
REF: CLT-SHE-0097-5000-1550-5000
RP: 100YR PLUS 45% CC.
FW10 CL: 47.70 IL: 46.75
AB (CORE OUTLET) +450mm
FW11 CL: 47.91 IL: 46.68
SW2a CL: 47.88 IL: 47.10
SW2 CL: 47.86 IL: 46.48
FW13 CL: 45.340 IL: 44.290
FW4 CL: 45.230 IL: 43.410 BD: 44.215
SW6-CP CL: 45.230 IL: 43.236 A: 43.600
SW6A CL: 46.950 IL: 44.540
TCB 5m x 5m
FW5 CL: 44.985 IL: 43.355
SW8 CL: 45.750 IL: 43.231
FW2 CL: 45.225 IL: 43.500
SW4 CL: 45.225 IL: 44.275
FW1 CL: 45.225 IL: 43.500
SW5 CL: 45.225 IL: 43.650 BD: 44.215
SW3 CL: 48.150 IL: 46.382
SW10 CL: 45.000 IL: 43.730
FW7 CL: 45.000 IL: 44.000
SW9 CL: 46.330 IL: 43.330
FW9 CL: 46.280 IL: 43.670
SW7 CL: 46.260 IL: 43.340
'Y' CON IL: 43.272
'Y' CON IL: 43.095
FW PASS ABOVE SW
CW1 CL: 46.350 IL: 42.970 A: 43.045 B: 42.970
FOUL WATER DISCHARGE RATE CIRCA 12.3 l/s
SURFACE WATER DISCHARGE RATE MAX 5 l/s
MAINTENANCE EXTENT FOR NEW CW DRAIN
OUTLET IL:47.385
OUTLET IL:47.385
225mmØ
600X800
300mmØ
600X800
225mmØ @ 1:170
150mmØ @1:100
150mmØ @1:150
150mmØ @1:171
150mmØ @1:10
150mmØ @1:40
300mmØ @1:240
150mmØ @1:100 TO 'Y' CON
SSL:45.000
SSL:44.775
SSL:45.225
SSL:46.500
SSL:46.350
SSL: 47.925
OUTLET BEND 600mm BELOW UNDERSIDE OF SLAB
FG - OUTLET BEND 300mm BELOW TOC - IL (43.68). TRAPPED WITH VERTICAL OUTLET. ALTHON WASTOP VALVE FITTED TO OUTGOING PIPE.
PASS THROUGH PC BETWEEN PILE EMBEDMENT BARS (300mm GAP) IL: 46.36 - 46.34
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