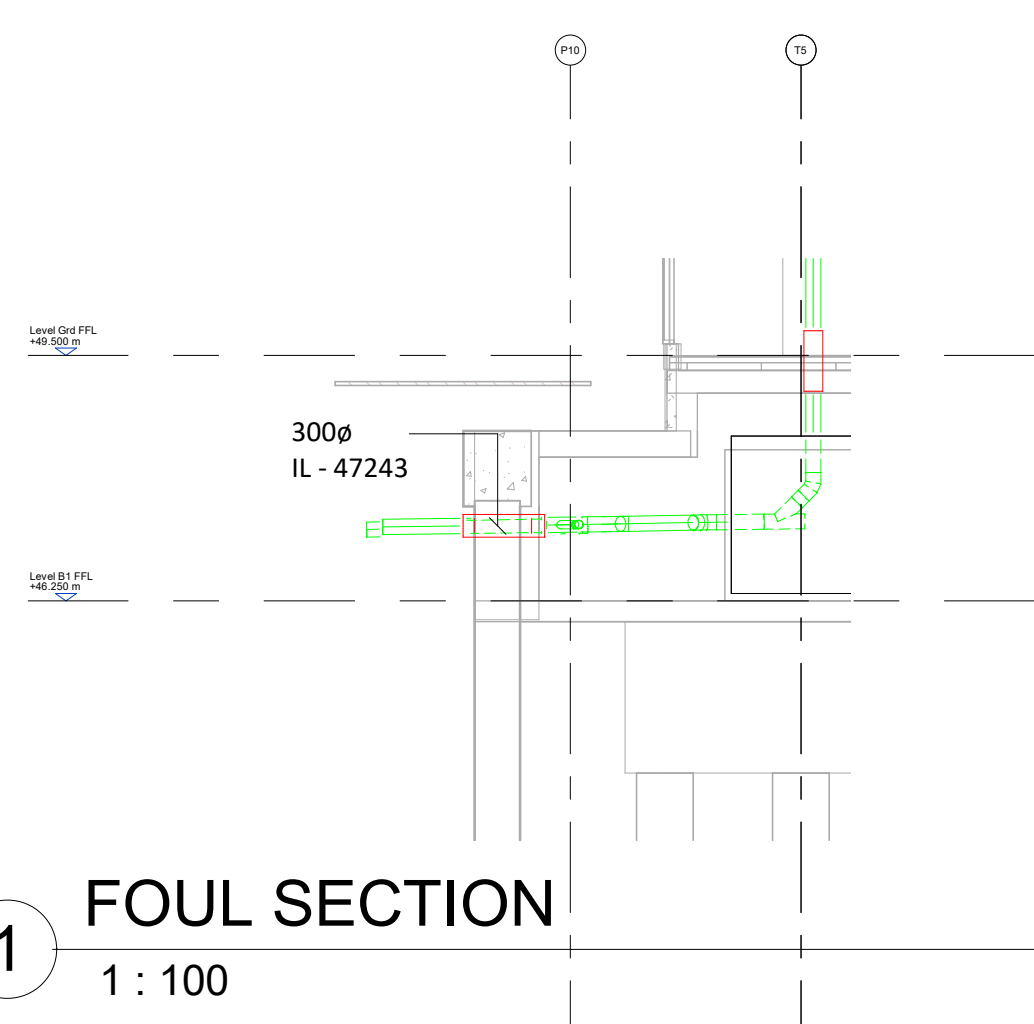
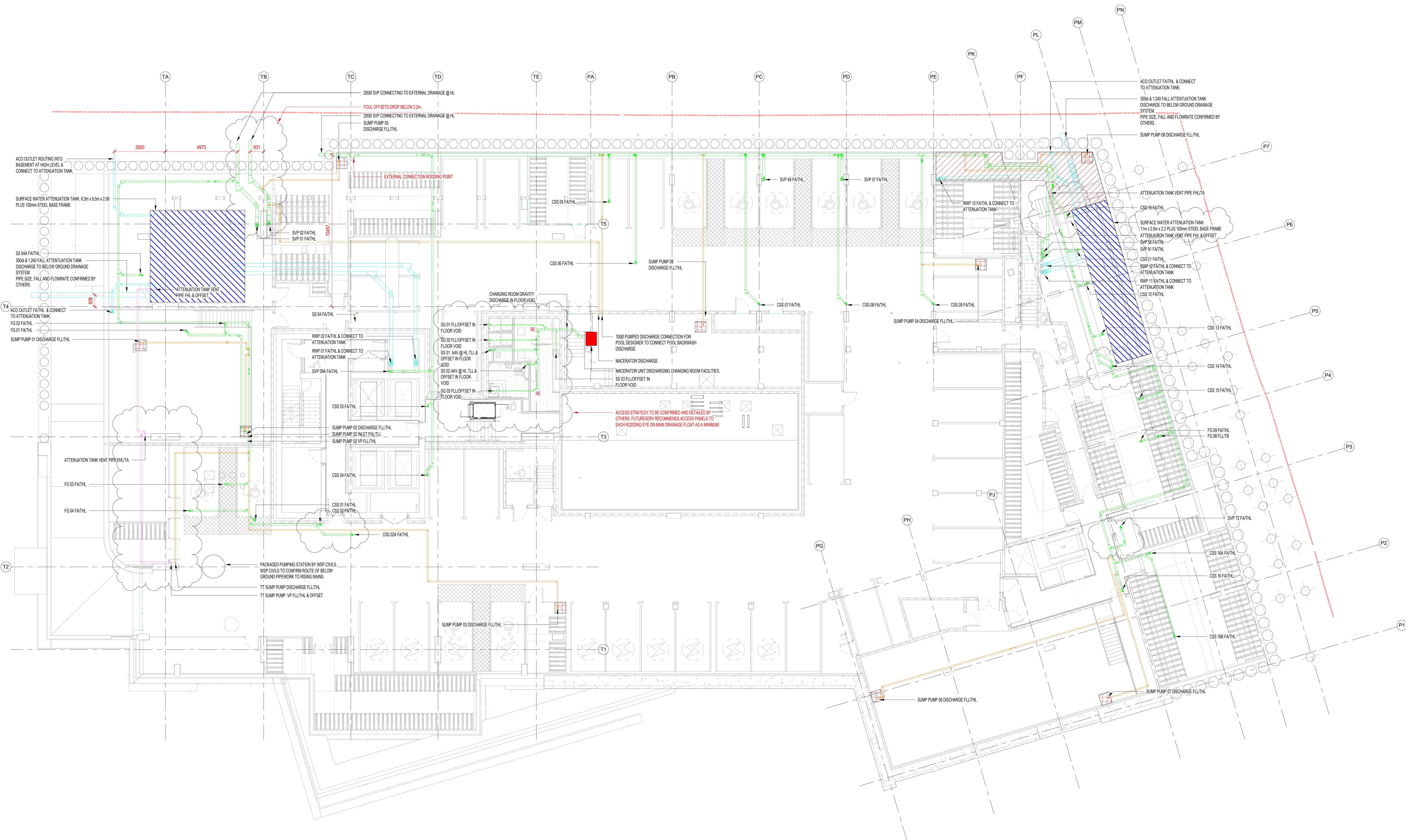
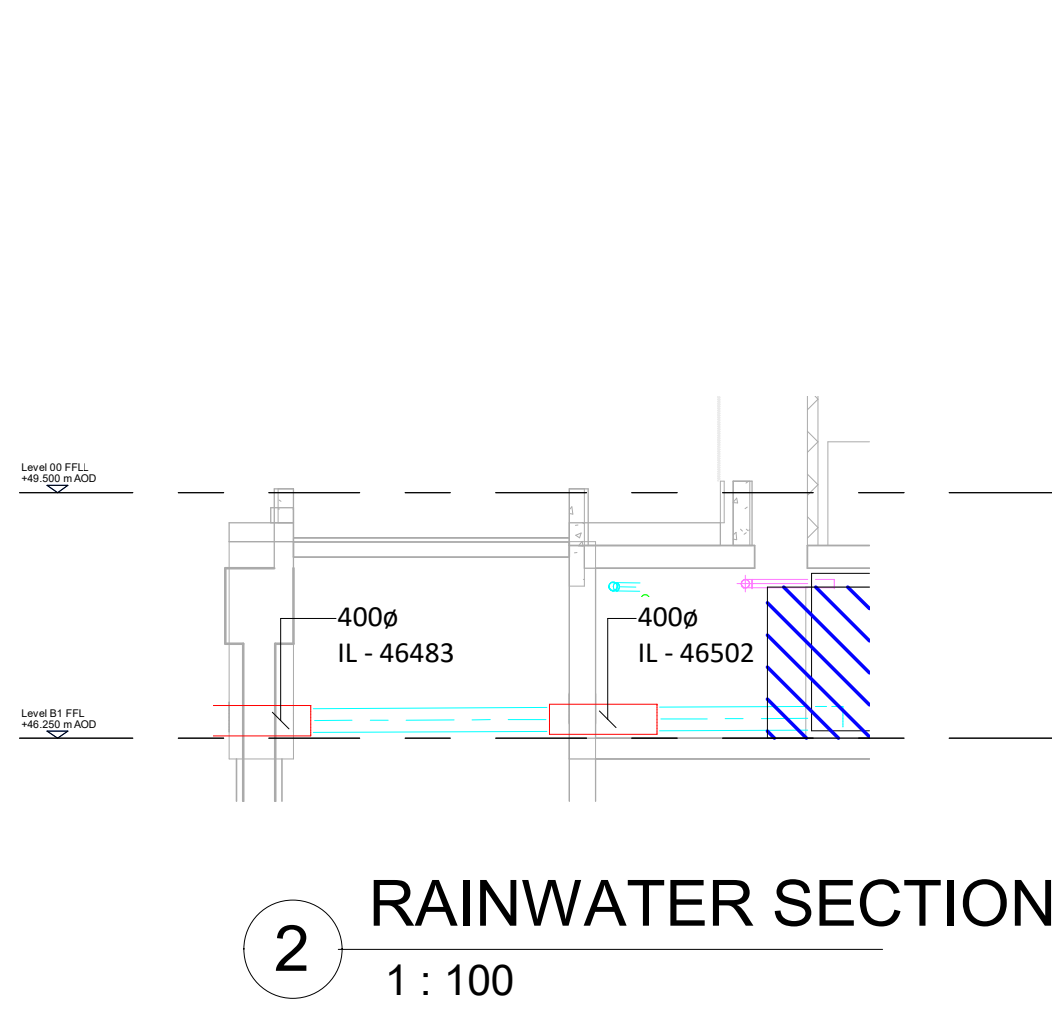
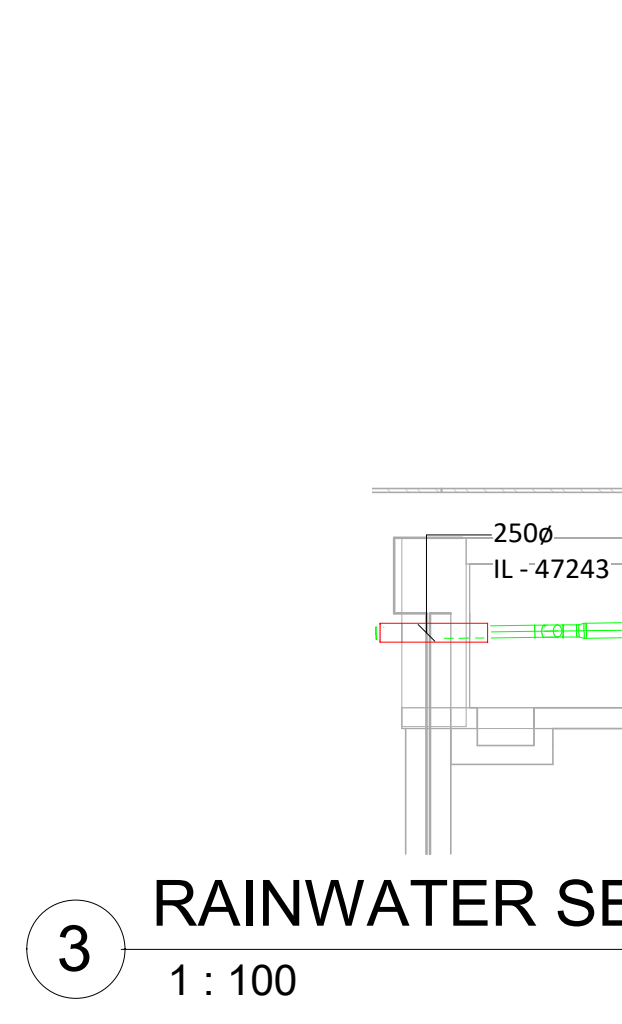




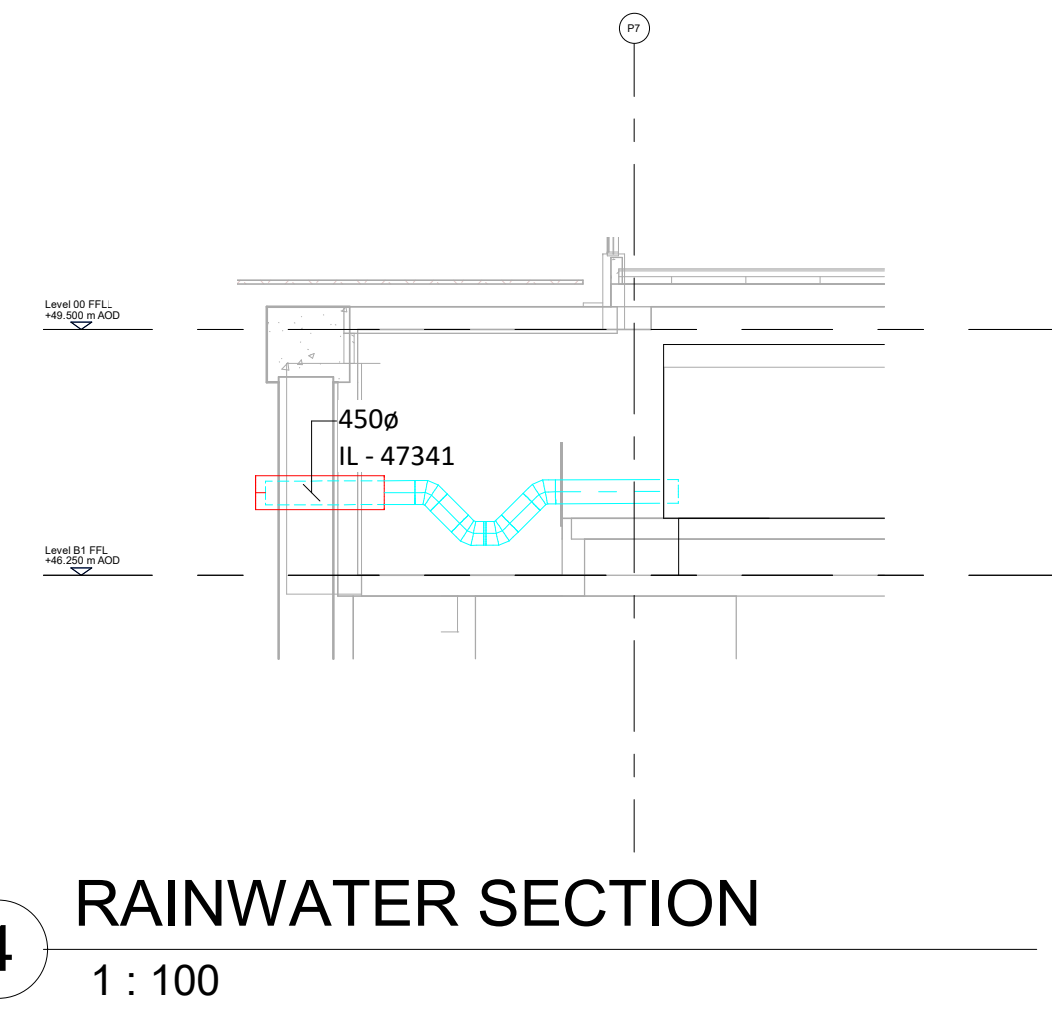
1 Foul Section  
1 : 100



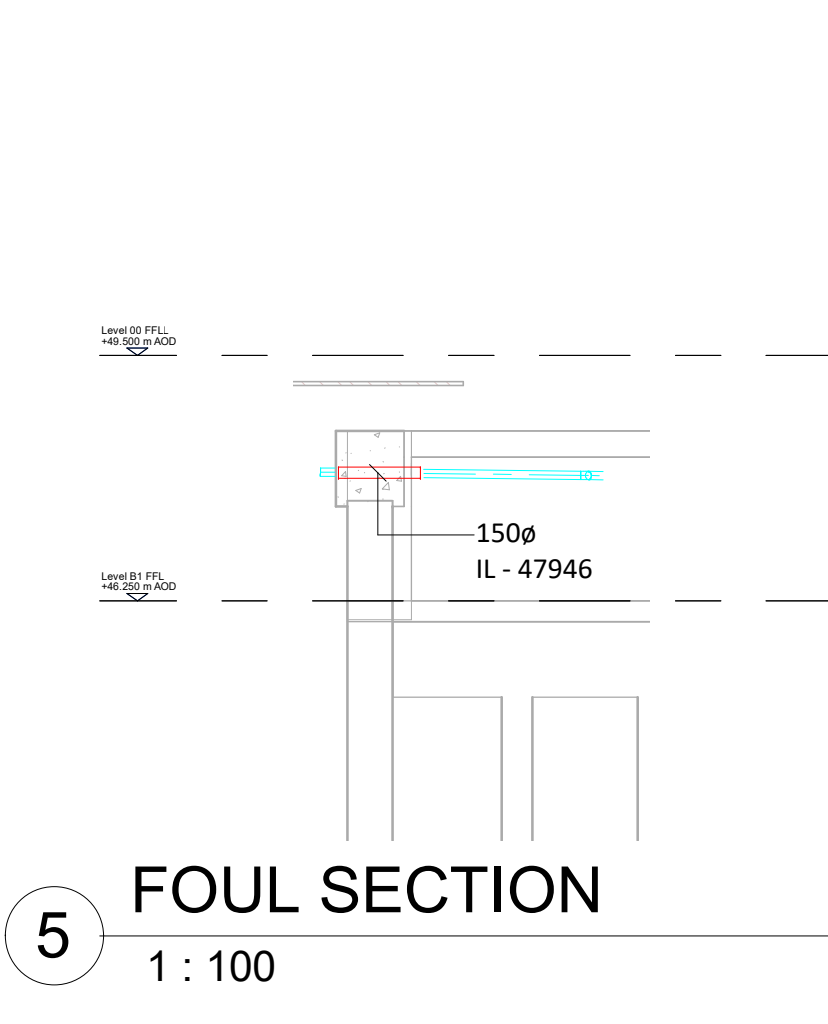
2 Rainwater Section  
1 : 100



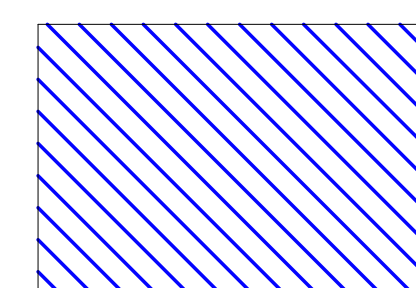
3 Rainwater Section  
1 : 100



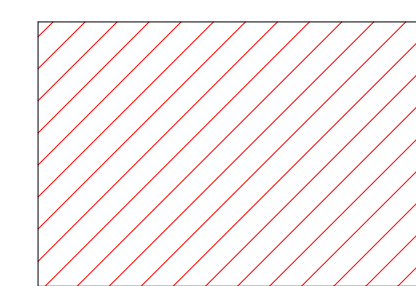
4 Rainwater Section  
1 : 100



5 Foul Section  
1 : 100



INDICATIVE SURFACE WATER ATTENUATION TANK (TO BE CONFIRMED BY OTHERS)



INACCESSIBLE AREA DUE TO ATTENUATION TANKS AND ABOVE GROUND DRAINAGE

| Revisions |                                                  |                 |          |            |
|-----------|--------------------------------------------------|-----------------|----------|------------|
| Index     | Description                                      | Drawn & Chk. by | Rev'd by | Date       |
| 002       | INVERT LEVELS REVISED TO SUIT WSP COMMENTS       | MB              | DC       | 13.04.2023 |
| 003       | INCORPORATED WSP SUMP PUMP CHANGES               | NH              | DC       | 26.05.2023 |
| 004       | INCORPORATED WSP SUMP PUMP CHANGES               | NH              | DC       | 14.07.2023 |
| 005       | SURFACE WATER ATTENUATION TANKS REVISED          | MB              | DC       | 16.05.2023 |
| 006       | SURFACE WATER ATTENUATION TANKS VENT PIPES ADDED | MB              | DC       | 02.10.2023 |
| 007       | CONSTRUCTION ISSUE - SFP COMMENTS INCORPORATED   | MB              | DC       | 18.10.2023 |
| 008       | CONSTRUCTION ISSUE                               | MB              | DC       | 20.10.2023 |

## GENERAL NOTES

- DO NOT SCALE FROM THIS DRAWING.
- POSITIONS OF ALL FITTINGS ARE INDICATIVE ONLY.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT SPECIFICATIONS.

## SPECIFIC NOTES

- FIRE COLLARS TO BE PROVIDED WHERE ALL NEW SOIL & WASTE PIPE EXITS & ABOVE PENETRATES FIRE COMPARTMENT WALLS/FLOOR SLABS.
- EACH APPLIANCE SHALL BE PROVIDED WITH AN ANTI-VACUUM TYPE DEEP SEAL BOTTLE TRAP.
- ALL ABOVE GROUND DRAINAGE SHALL COMPLY WITH THE REQUIREMENTS OF BS EN 12056 AND BUILDING REGULATIONS APPROVED DOCUMENT PART H.
- ALL DRAINAGE PIPEWORK PASSING THROUGH NOISE SENSITIVE AREAS SHALL BE ACOUSTICALLY SEALED, INSULATED TO ENSURE THE ROOM ACOUSTIC PERFORMANCE IS NOT COMPROMISED.
- ALL HIGH LEVEL DRAINAGE PIPEWORK SHALL BE LAID AT A MINIMUM FALL OF 1:80 UNLESS OTHERWISE STATED.
- RODDING EYES SHALL BE PROVIDED AT CHANGES OF DIRECTION ON ALL WASTE PIPE & SHALL BE FULLY ACCESSIBLE FOR MAINTENANCE PURPOSES.
- ALL SFP STACKS WHICH DISCHARGE AT ROOF LEVEL WILL TERMINATE TO ATMOSPHERE (80MM NOMINAL) ABOVE FINISHED ROOF LEVEL WITH COWL, BALLOON / CAGE TERMINAL.
- REFER TO ARCHITECTS DRAWINGS FOR LOCATIONS OF FIRE WALLS FOR FIRE COLLARS THROUGH WALLS.
- REFER TO ARCHITECTS SANITARY DETAILS FOR APPLIANCE CONNECTIONS.
- CONDENSATE FROM AIR CONDITIONING UNITS SHALL BE INSTALLED IN UPVIC & CONNECT TO THE DRAINAGE SYSTEM VIA AN INLINE HEPOV TYPE TRAP.
- ALL RAINWATER OUTLET POSITIONS TBC BY ARCHITECT.
- INTERCEPTOR TRAP TO BE INSTALLED ON ALL RAINWATER PIPES PRIOR TO CONNECTING TO BELOW GROUND DRAINAGE SYSTEM.
- ALL VERTICAL SUMP PUMP DISCHARGE PIPES TO HAVE CHECK VALVES INSTALLED.

## ABBREVIATIONS

|          |                                         |
|----------|-----------------------------------------|
| VP       | VENT PIPE (PURPLE PIPEWORK)             |
| WP       | WASTE PIPE                              |
| SS       | STUB STACK (GREEN PIPEWORK)             |
| SVP      | SOIL VENT PIPE (GREEN PIPEWORK)         |
| RE       | RODDING EYE                             |
| URE      | UPTURNED RODDING EYE                    |
| TB/TA/TA | TO BELOW / TO ABOVE / RISE TO ABOVE     |
| H/L / L  | HIGH LEVEL / LOW LEVEL                  |
| RWP      | RAINWATER PIPE (BLUE PIPEWORK)          |
| SG       | SHOWER GULLY                            |
| FG       | FLOOR GULLY                             |
| AP       | ACCESS PANEL                            |
| PSVP     | PUMPED SOIL VENT PIPE (ORANGE PIPEWORK) |
| CD       | CHANNEL DRAIN                           |
| CPG      | CAR PARK GULLY                          |

## WASTE PIPE SIZES

WASH HAND BASIN - 32mm (MAX LENGTH 1.7M & 0 BENDS)

WASH HAND BASIN - 40mm (MAX LENGTH 3.0M & 2 BENDS)

SHOWER - 40mm

KITCHEN SINK - 40mm

DISHWASHER - 40mm (MAX LENGTH 3.0M)

WC - 100mm

2 No. KITCHEN SINKS - 50mm

1 No. SHOWER & KITCHEN SINK - 50mm

FOR WASTE PIPE GRADIENTS REFER TO BS EN 12056 PART 2, TABLE 6

Architect

**simpsonhaugh**

Client



CONSTRUCTION ISSUE

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Project Title

**PORT STREET  
MANCHESTER**

Drawing Title

**PUBLIC HEALTH ENGINEERING  
BASEMENT  
ABOVE GROUND DRAINAGE  
LAYOUT**

Project No P7173

Drawn & Checked by OT

Reviewed by MB

Date AUGUST 2022

Scale 1 : 100 @ A0

Drawing No. Z0-FUT-G580-PL-B-001

Rev. C08