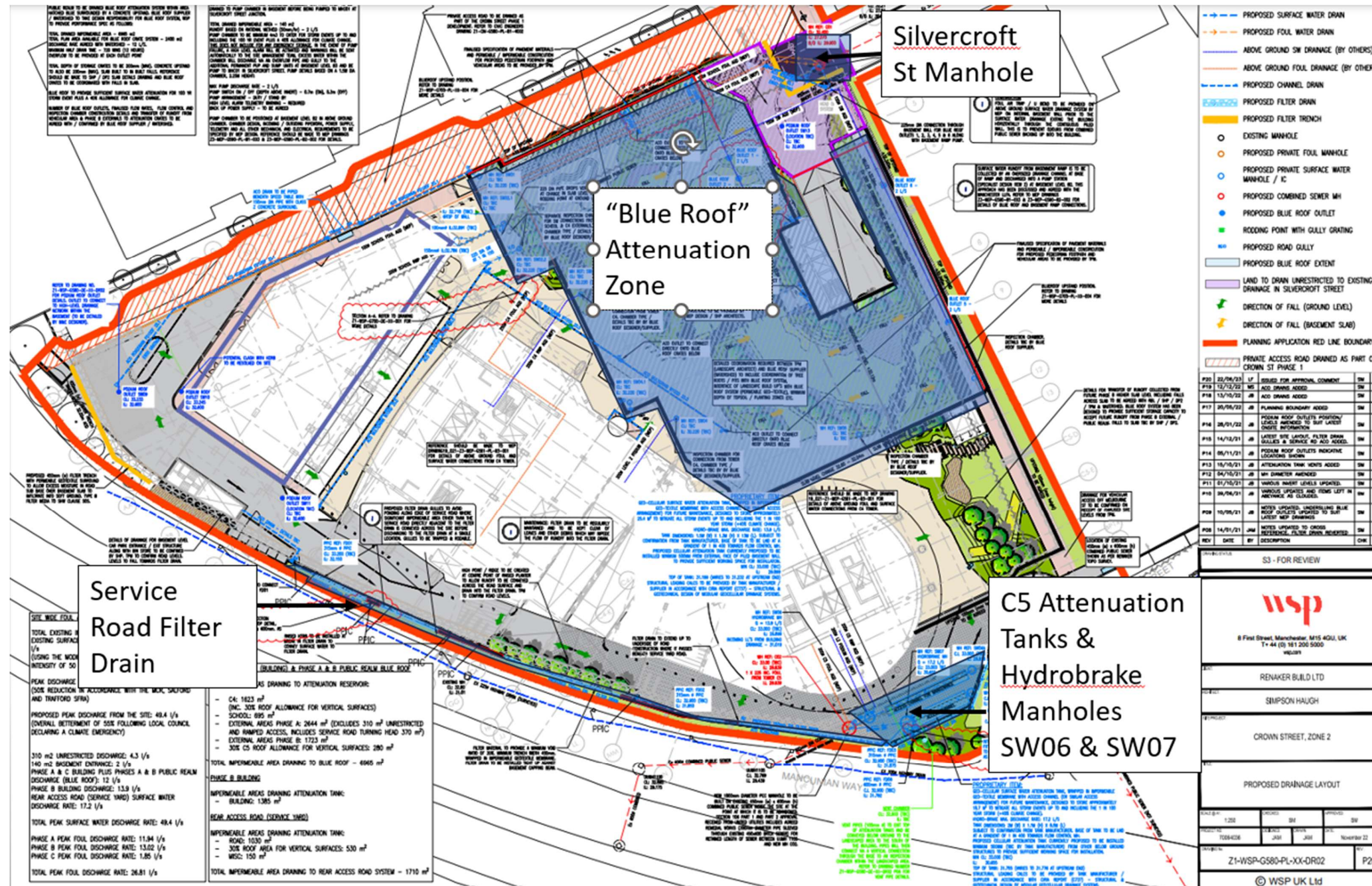


Overall Drainage Strategy – Marked Up Into Sections



Photographic Evidence of Service Road Filter Drain (connects in Hydrobrake manhole SW07)



Crown Street Phase 02



Planning Condition Submission





Photographic Evidence of Blue Roof Attenuation Crate Installation



Photo 1 – Blue Roof Attenuation Crate Installation 23.01.23 viewed from ground level looking west

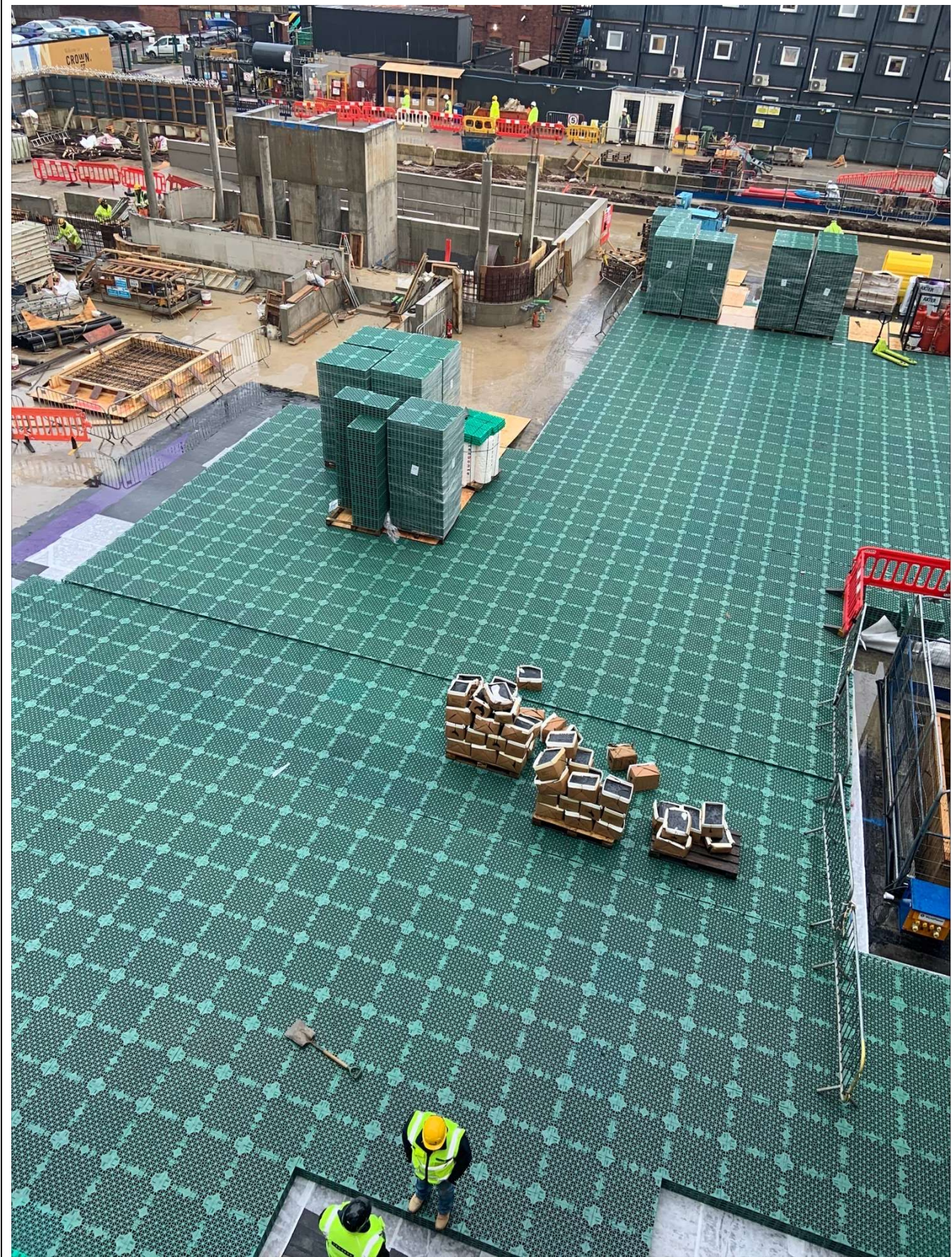


Photo 3 – Blue Roof Attenuation Crate Installation 25.01.23 viewed from C5 Level 2

Photo 2 – Blue Roof Attenuation Crate Installation 24.01.23 viewed from C5 Level 2

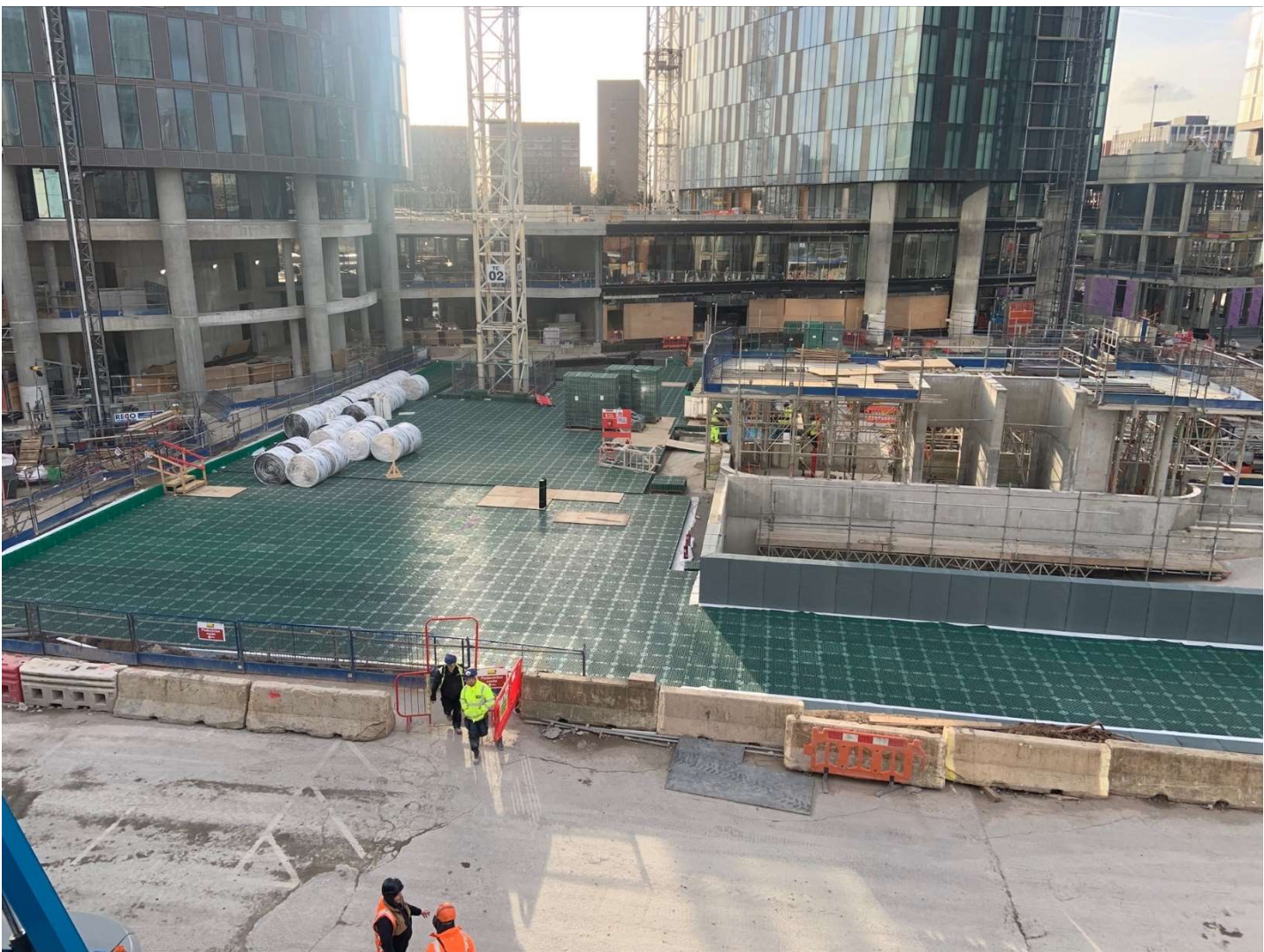


Photo 4 – Blue Roof Attenuation Crate Installation 09.02.23 viewed from Site Cabins looking West



Photo 5 – Blue Roof Attenuation Crate Installation 09.02.23 viewed from ground level looking south



Photo 6 – Blue Roof Attenuation Crate Installation 09.02.23 viewed from ground level looking north



Photo 7 – Blue Roof Attenuation Crate Installation 28.03.23 viewed from ground level looking south



Photo 8 – Blue Roof Attenuation Crate Installation 28.03.23 viewed from ground level looking east

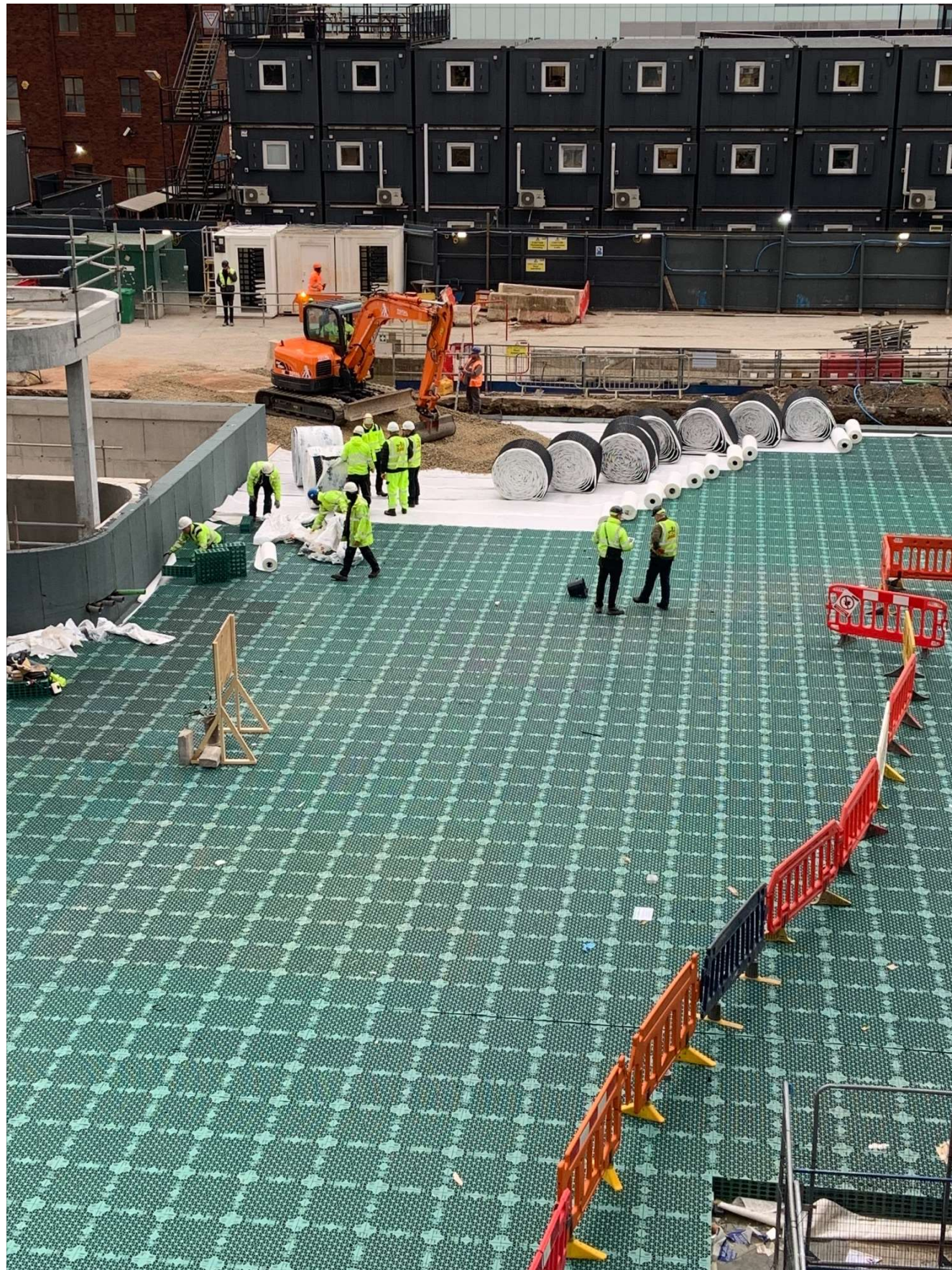


Photo 10 – Blue Roof ducting and stone Installation 28.03.23 viewed from C4 Level 2



Photo 11 – Blue Roof ducting and stone Installation 28.03.23 Viewed from C5 Level 2



Photo 7 – Blue Roof ducting and stone Installation 29.03.23 Viewed from C4 Level 2



Photo 8 – Blue Roof ducting and stone Installation 29.03.23 Viewed from C5 Level 2



Photo 9 – Blue Roof 50mm Attenuation crate Installation around school 30.03.23 Viewed from School



Photo 10 – Blue Roof 50mm Attenuation crate Installation around school 05.04.23 North of School



Photo 11 – Blue Roof Attenuation crate Installation 24.04.23 Viewed from School



Photo 12 – Blue Roof Attenuation crate Installation 25.04.23 Viewed from School



Photo 13 – Blue Roof Attenuation crate Installation 25.04.23 Viewed from School

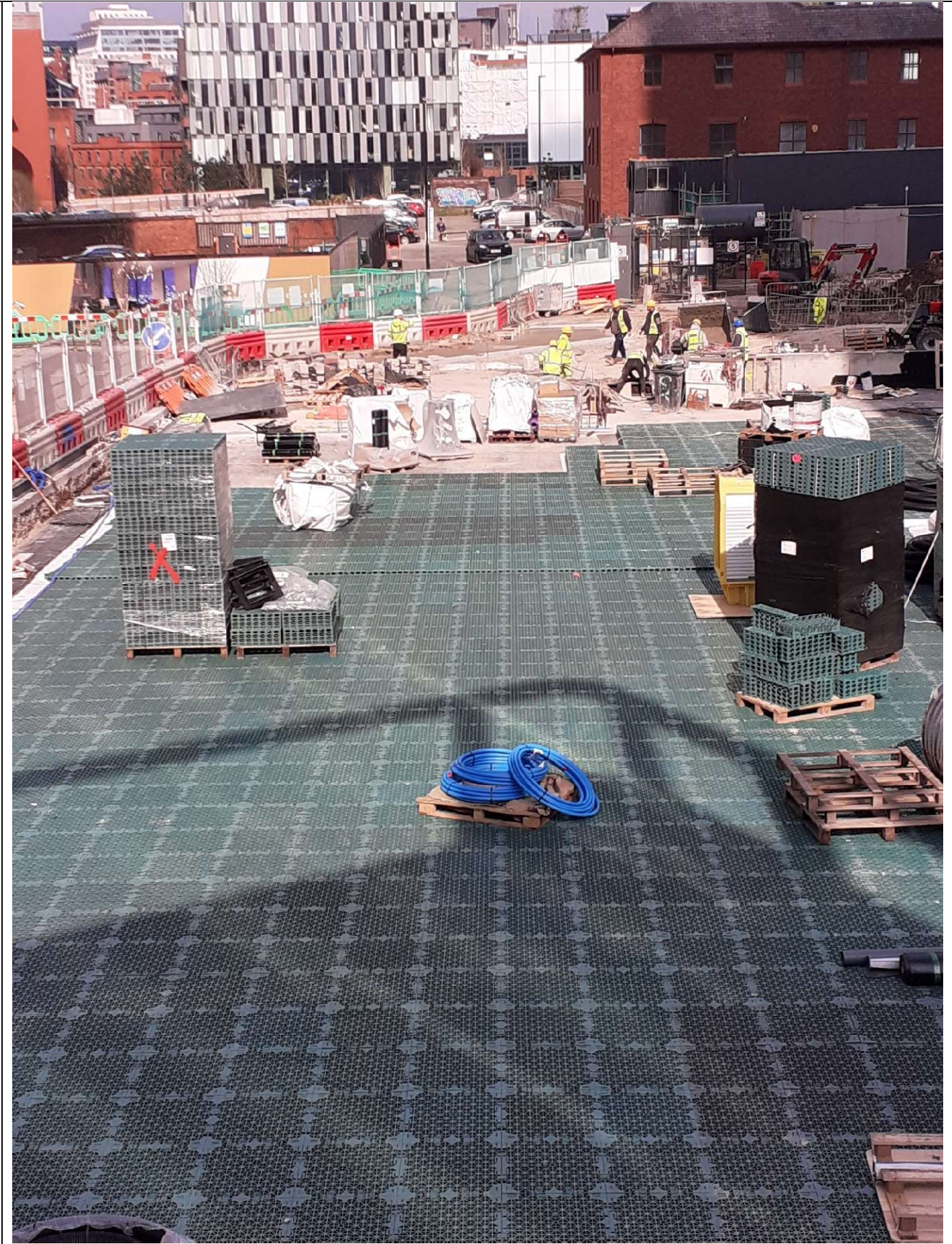


Photo 14 – Blue Roof Attenuation crate Installation 27.04.23 Viewed from School

Photographic Evidence of Installation of Underslung Drainage from Blue Roof Attenuation System and Distribution to External Manhole (C01)

Locations of pictures of B1 Underslung drainage

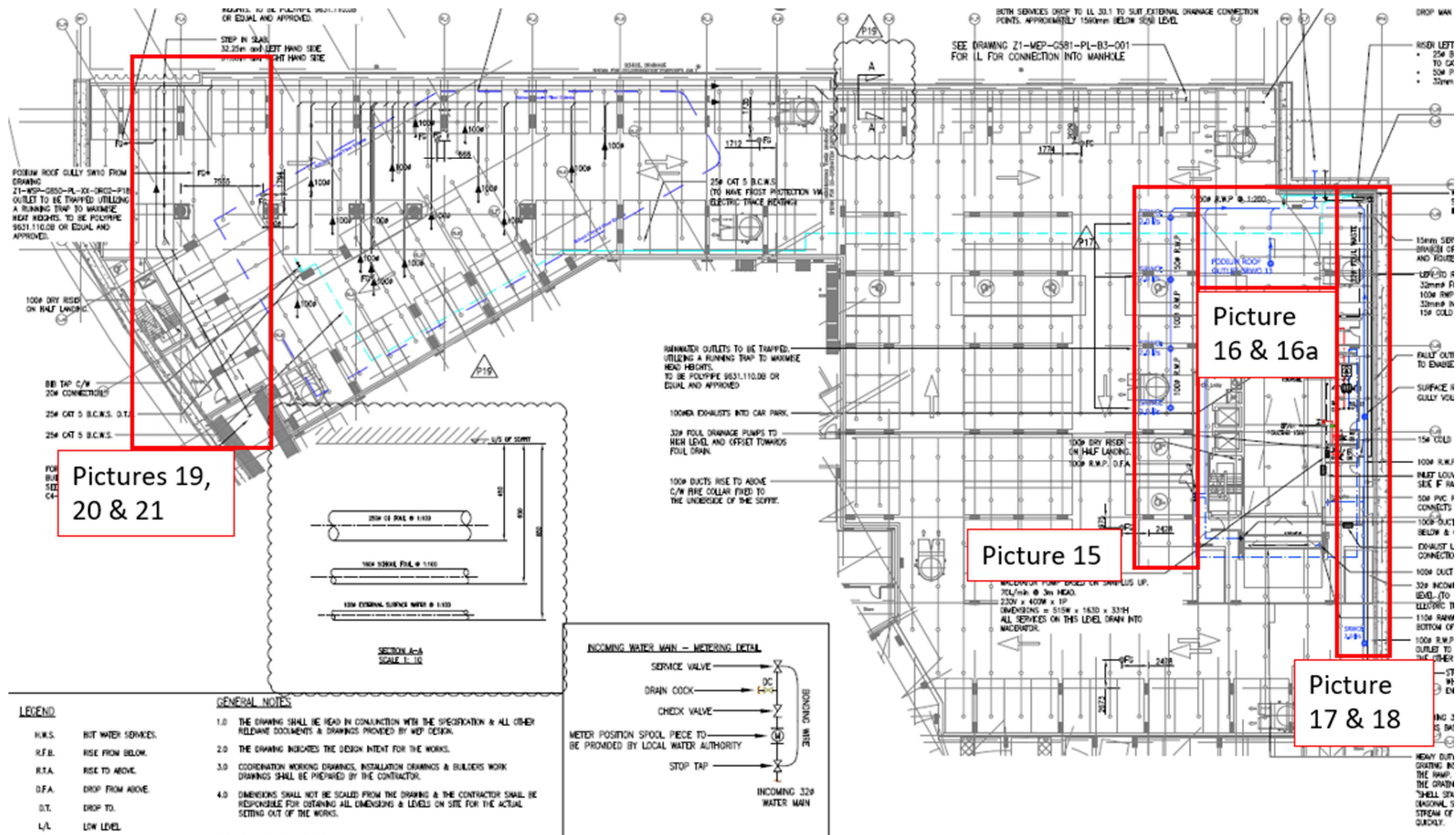




Photo 15 – B1 Level Underslung Drainage From Blue Roof Attenuation Crate To Silvercroft St Manhole



Photo 16 & 16a – B1 Level Underslung Drainage From Blue Roof Attenuation Crate To Silvercroft St Manhole



Photo 17 – B1 Level Underslung Drainage From Blue Roof Attenuation Crate To Silvercroft St Manhole



Photo 18 – Blue Roof Attenuation Crate Installation 09.02.23 viewed from Site Cabins looking West



Photo 19 – B1 Level Underslung Drainage From Blue Roof Attenuation Crate To Main Drainage Spine

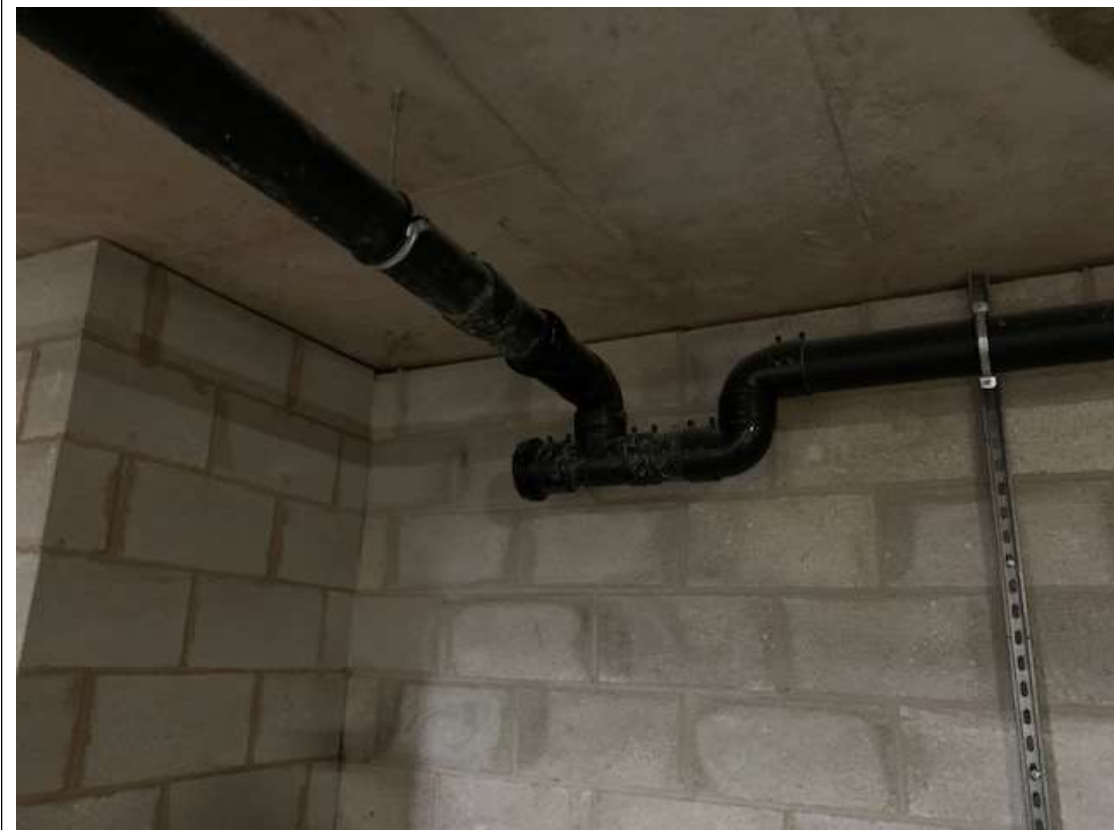


Photo 21 – B1 Level Underslung Drainage From Blue Roof Attenuation Crate To Main Drainage Spine



Photo 20 – B1 Level Underslung Drainage From Blue Roof Attenuation Crate To Main Drainage Spine

Photographic Evidence of Outfall from Towers Into Blue Roof**C5 Outfall 26/05/23 – Prior to installation of diffuser****C4 Outfall 26/05/23 – Prior to installation of attenuation crate, drainage mat and diffuser**



C5 Diffuser 05/06/23, after outfall pipework, diffuser, chamber and stone in place



C4 Diffuser 05/06/23 after outfall pipework and diffuser in place



Typical Blueroof Gully chamber once complete (except lid and final finishes)



Close up image of diffuser (at C4 outfall) – as shown in drawing Z2- NRA-G240- De- Gd-009



Photographic Evidence of Silvercroft St Combined Manhole (not designed to have hydrobrake as water attenuated via “Blue Roof”)



Photographic Evidence of C5 Attenuation Tanks and Hydrobrake Manholes SW06 & SW07

Manholes after construction complete prior to installation of hydrobrake units





Surface Water Manholes SW07 & SW06 Completed with Hydro brakes in place (as per WSP SUD's construction details drawing Z1-WSP-G580-DE-XX-DR02 Rev P07)



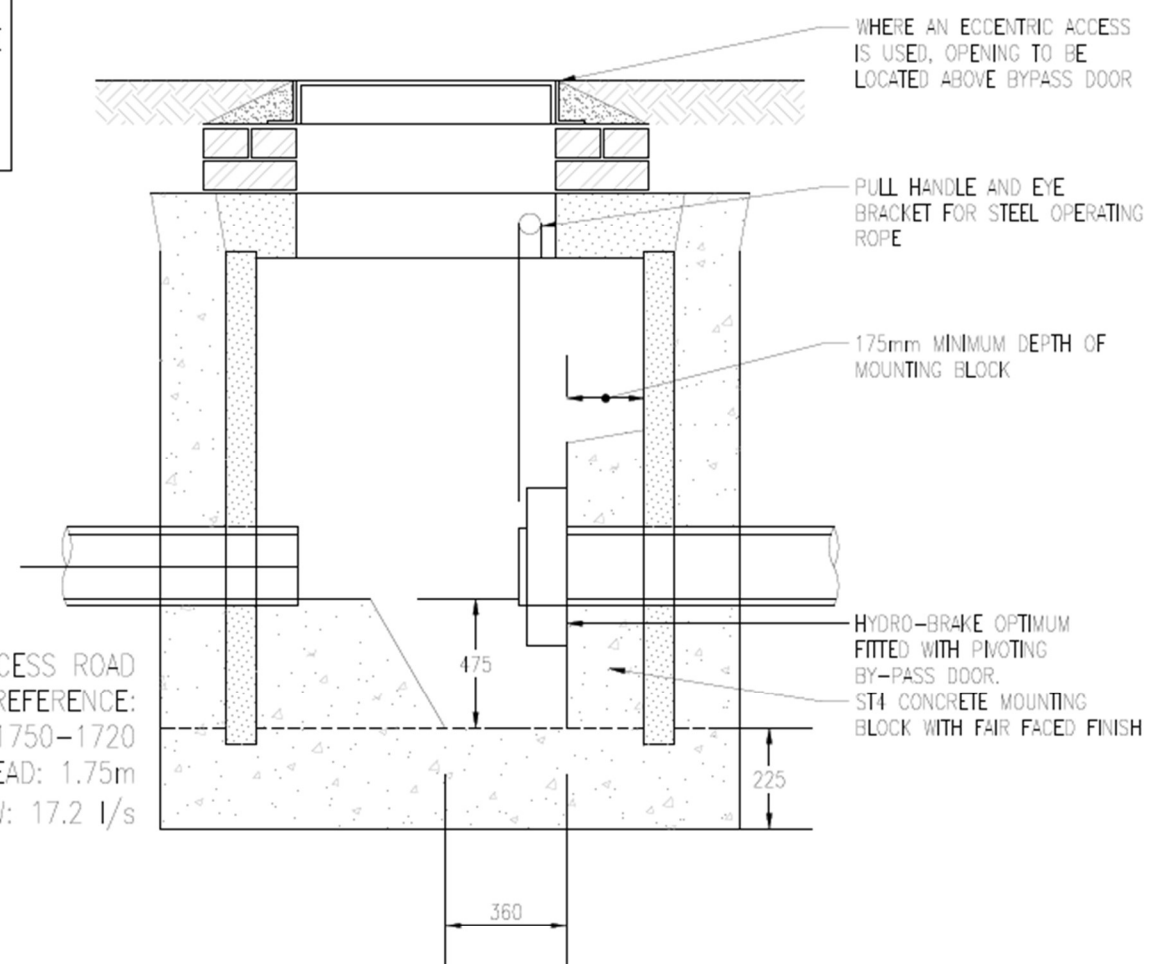
Surface Water Manholes SW07 Hydro brakes (showing hydrobrake spec reference as shown in WSP Drawing Z1-WSP-G580-DE-XX-DR02 Rev P07)



ER TO ADOPTABLE OR
I-ADOPTABLE MANHOLE
STRUCTION DETAILS
CONSTRUCTION
E-UP OF CHAMBER

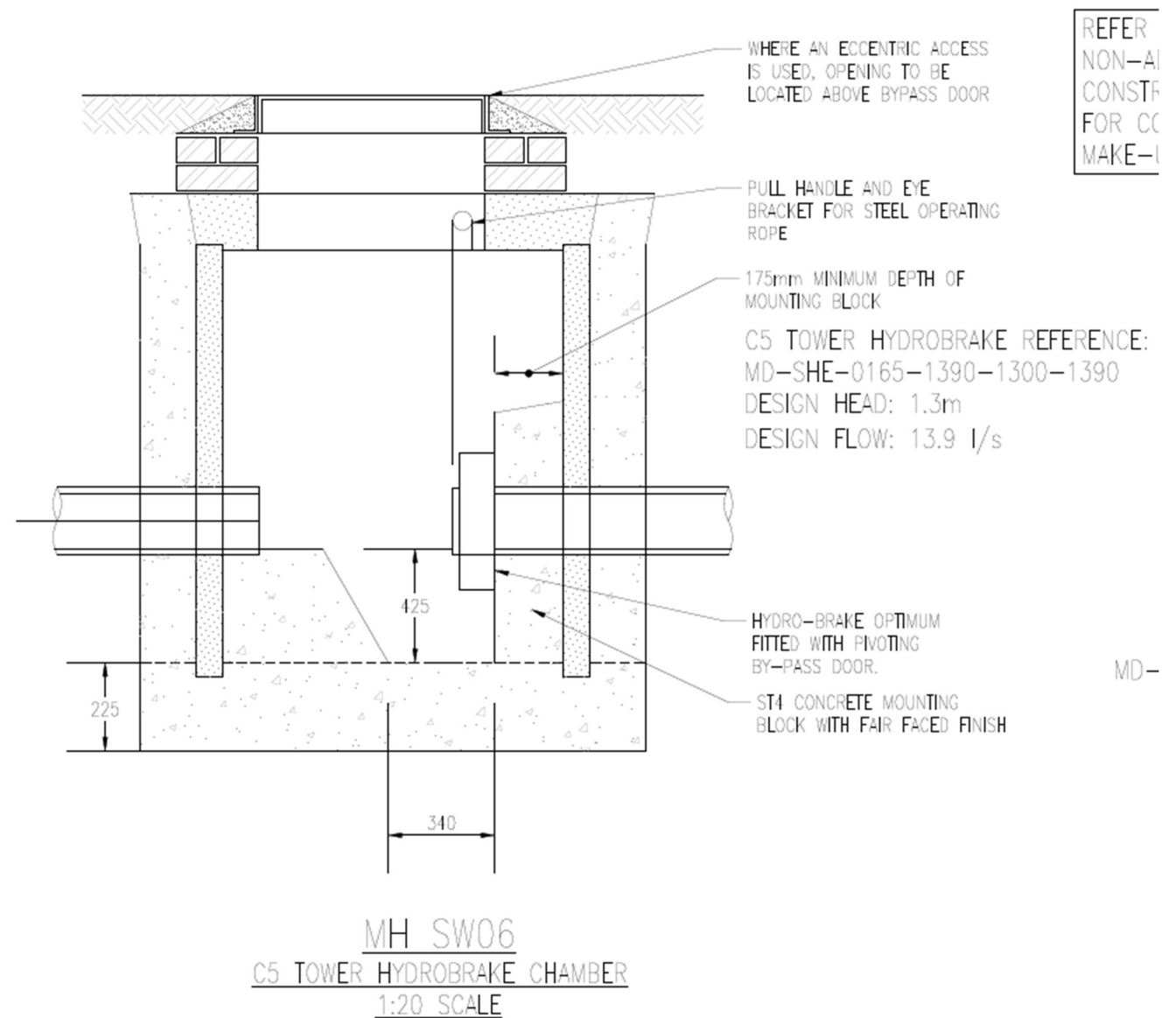
DE:

REAR ACCESS ROAD
HYDROBRAKE REFERENCE:
AD-SHE-0175-1720-1750-1720
DESIGN HEAD: 1.75m
DESIGN FLOW: 17.2 l/s



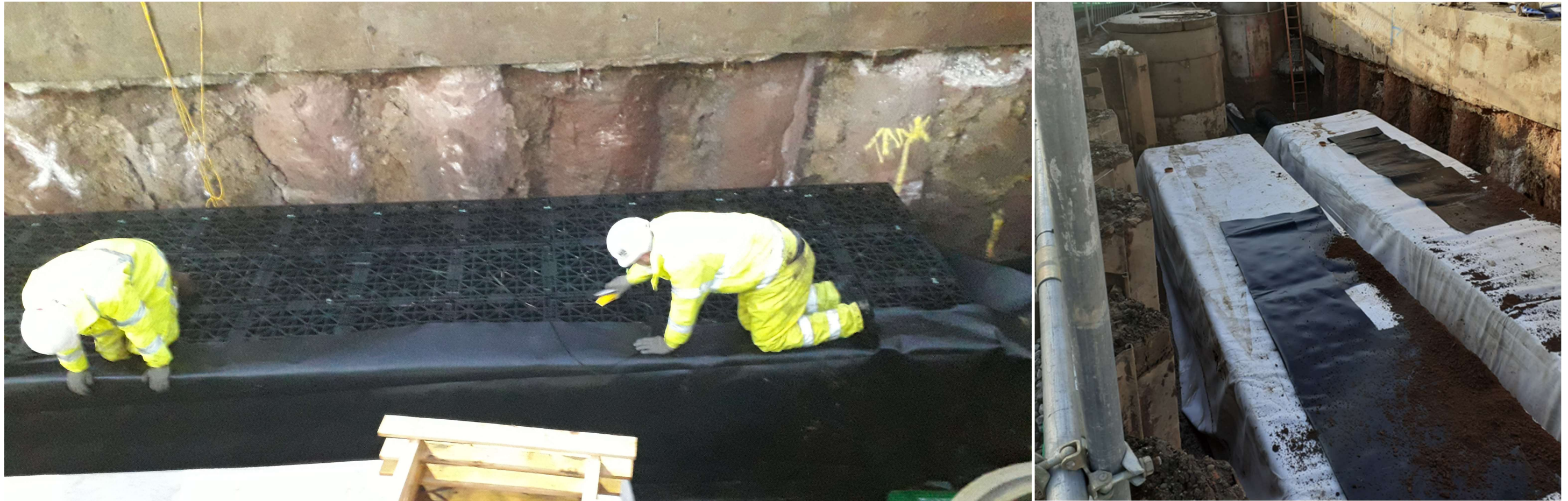
MH SW07
REAR ACCESS ROAD HYDROBRAKE CHAMBER
1:20 SCALE

Surface Water Manholes SW06 Hydro brakes (showing hydrobrake spec reference as shown in WSP Drawing Z1-WSP-G580-DE-XX-DR02 Rev P07)





Geocellular attenuation crates being wrapped in impermeable membranes



Attenuation Tanks and pipe connections complete ready for backfill

