

General Notes

1. This drawing is to be read in conjunction with all relevant drawings and project specifications.
2. All drainage works shall be carried out in accordance with the relevant parts of BS EN 752 'Drains and Sewer Systems Outside Buildings', the current Building Regulations and the Local Authority Building Control specifications and requirements.
3. The location, size and depth of all existing drains/sewers and services shall be established by the contractor prior to commencement of works on site. Any discrepancies from the information indicated on these drawings shall immediately be brought to the attention of the engineers.
4. All levels and dimensions shall be verified on site prior to commencement of any works. Any discrepancies shall immediately be brought to the attention of the engineers.
5. All pipes shall be laid with soffits level. All manhole/inspection chamber invert levels shown are for the outlet pipe (unless specified otherwise). All pipe runs shall be laid to the levels indicated.
6. All private foul and surface water pipes to be 100mm Ø unless stated otherwise.
7. All connections to public sewers to be a minimum of 150mm Ø.
8. All private manholes within drives to have B125 covers with concrete collar, all others to be A15.
9. All private backdrop manholes to be 900mmØ PCC chambers unless stated otherwise.
10. 450mmØ chambers for depths greater than 1.2m, restricted access opening to 350mm is required for safety reasons.
11. All RWP's & SVP's connections to be 100mm dia (unless specified otherwise by the Architect). Gully connections to be 150mm dia.
12. All RWP's, SVP's and connections are shown indicatively or to the latest Architects drawings. Position of down pipes must be confirmed from Architects drawing before laying underground pipework. All down pipes should be provided with a riddable access point above the FFL.
13. All private drainage laid within 1m from tree canopies and hedges to have concrete bed and surround.
14. Filled ground or soft spots must be excavated, backfilled and consolidated before any drainage works are carried out.
15. All excavations in areas of high water tables and granular materials with high sand/silt contents shall be wrapped with a suitable geotextile filter membrane to prevent migration of sands/silts. Full height clay stanks across trenches and/or at manhole locations at 25m intervals to restrict water movement along the excavation shall be provided.
16. No water should be allowed to discharge from any private drives onto the adoptable highways. All private gullies and channel drainage positions shown may vary to suit on site working conditions.
17. All custom built ironwork to be hot dipped galvanized prior fixing.

Additional General Notes

1. Position, size, depth, capacity, condition & status of existing drainage systems are not known. The design of the foul and surface water drainage assumed that no pumping, storage, modification, diversion, abandoning or improvement works are required on the existing systems.
2. The design assumes a gravity connection for foul and surface water systems is possible. If the existing sewers are not deep enough then pump stations will be required.
3. All works are assumed to be within public highway or within the land owners lands & no works are required on third party land owners property.
4. All works within the public highway to be reinstated to the highway authority requirements. All drainage connections onto adoptable drainage systems shall be carried out to the water authority's approval.
5. The contractor must allow for any fee's required for road and sewer opening permits, sewer connections and make the appropriate applications.
6. All in situ and precast concrete products shall comply with class D51 requirements for sulphate exposure in accordance with the BRE Special Digest 1, Concrete in Aggressive Ground (2001) Part 1: Table 2.

/	MW	26.04.23	Issued for Approval	MW	MI
Rev	By	Date	Revision	Chk	Apvd

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TITLE

FLOW CONTROL MANHOLE
S6

PROJECT

SMITHYBRIDGE PUB
LITTLEBOROUGH

CLIENT

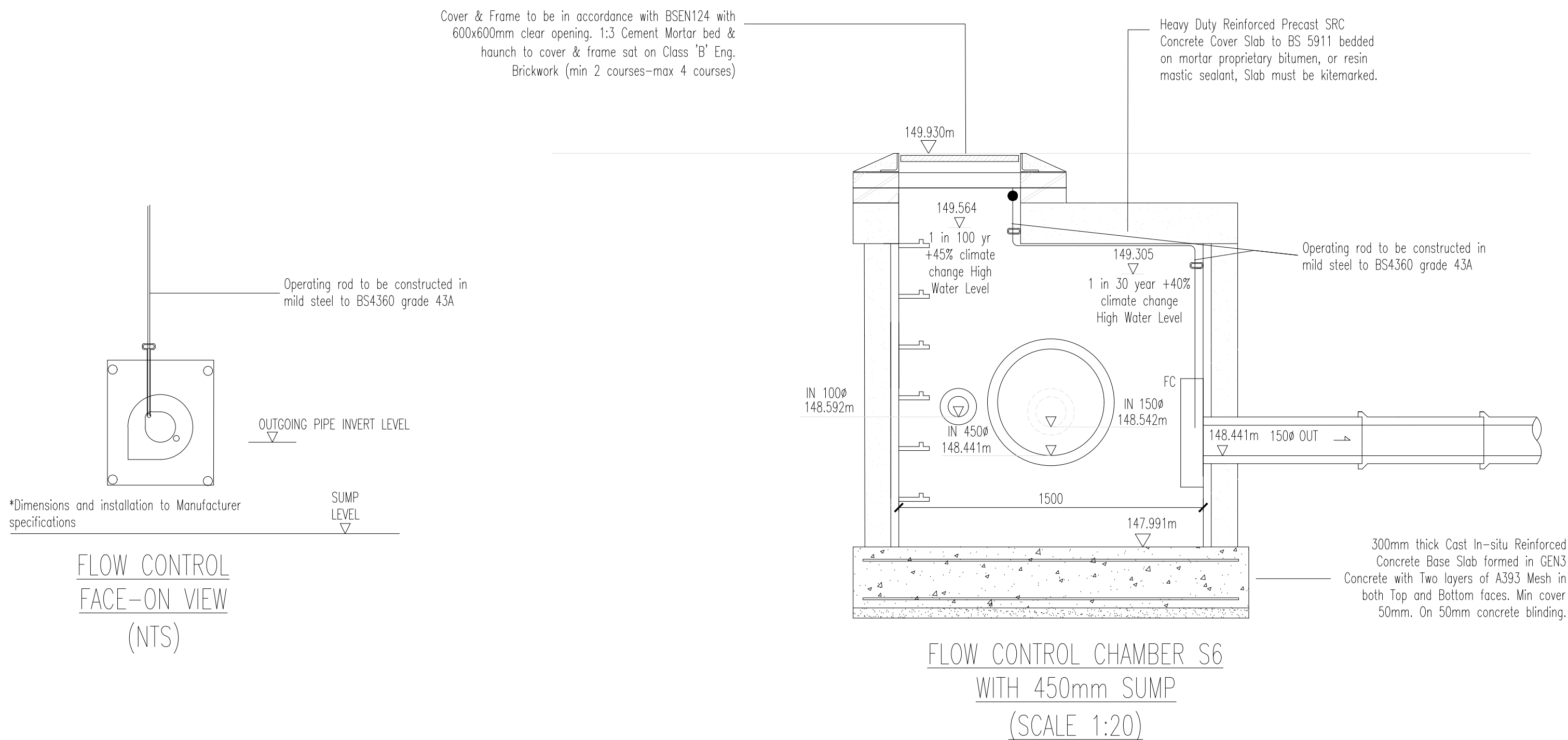
ARMSTRONG PROJECTS LTD

DRAWING STATUS

PRELIMINARY

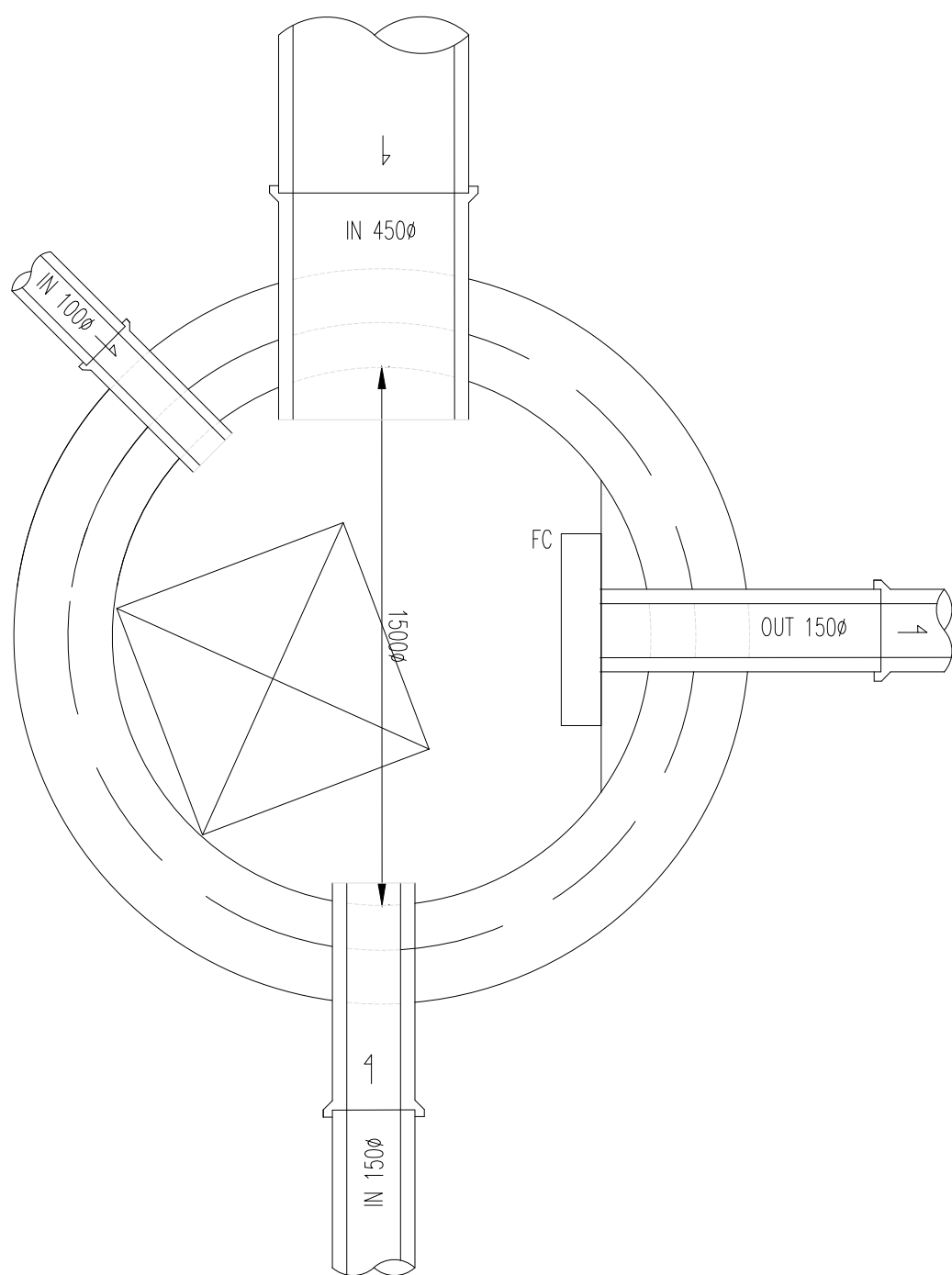
Scale	Date	Drawn	MW
1:20 @ A1	APR 23	Chk.	MI

Drg. No.	NW149/02/13	Rev	/
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FLOW CONTROL DATA

MANUFACTURER	HYDRO INTERNATIONAL
TELEPHONE	01275 878371
TYPE	optimum
FLOW/HEAD	5.5 l/s 1.2m Head
HYDRO REF	CTL-SHE-0107-5500-1200-5500
To be installed in accordance with manufacturers specifications and recommendations before the manhole cover slab is installed	



MH S6 PLAN
(1:20)

SUBJECT TO THE
APPROVAL OF
ALL RELEVANT
AUTHORITIES