S1.4 FLOW CONTROL DATA

MANUFACTURER	CROWN WATER SYSTEMS LTD
TELEPHONE	01344 886996
TYPE	CROWN VORTEX VALVE
FLOW/HEAD	2.5 l/s @ 2.0m
HYDRO REF	R1 SW ONLY 55ø
To be installed in accordance with manufacturer's specifications and recommendations before the manhole cover slab is installed	

S1.8 FLOW CONTROL DATA

MANUFACTURER	CROWN WATER SYSTEMS LTD
TELEPHONE	01344 886996
TYPE	CROWN VORTEX VALVE
FLOW/HEAD	8.8 l/s @ 1.55m
HYDRO REF	R1 SW ONLY 109ø
To be installed in accordance with manufacturer's specifications and recommendations before the manhole cover slab is installed	

K E Y

- Site Boundary
- Storm Water Manhole
- Foul Water Manhole
- Storm Water Inspection Chamber
- Foul Water Inspection Chamber
- Rain Water Pipe
- Foul Stack / Drain Point
- Storm Water Sewer
- Foul Water Sewer
- Combined Sewer
- RE — Rodding Eye
- Perforated under-drain to permeable parking area
- CD — Channel Drain (min B125 grade cover)
- YG — Yard Gully
- RG — Road Gully
- (0.000) Storm Water Invert Level
- 0.000 Foul Water Invert Level
- Permeable paving with sub-base storage (see detail on drawing NW151/01/04)
- Existing slab below

N O T E S

ATTENTION IS DRAWN TO THE REQUIREMENTS OF THE CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015 AND THE DUTIES AND RESPONSIBILITIES CONTAINED THEREIN

General Notes

1. This drawing is to be read in conjunction with all relevant ARP and Architects' drawings and project specifications.
2. All drainage works shall be carried out in accordance with the relevant parts of BSEN 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 roddable 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 gullys and channel drainage positions shown may vary to suit on site working conditions.

Rev	By	Date	Revision	Chk	Apvd
H	MW	05.12.22	Minor updates.	MW	MI
G	MW	05.12.22	Car park layout revised. Roof falls revised.	MW	MI
F	MW	04.04.22	Architect's layout updated; Additional cut-off drainage added; LGF FFL revised	MW	MI
E	RF	10.12.21	Access/Inspection units required for tank	MW	MI
D	RF	03.12.21	Additional channel drains & yard gullies	MW	MI
C	MW	16.07.21	Minor amendments	MW	MI
B	RF	29.06.21	Layout updated	MW	MI
A	RF	01.06.21	Final discharge confirmed at 8.8 l/s	MW	MI
/	RF	13.05.21	DRAFT – Issued for Comment	MW	MI

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A division of ARP Geotechnical Ltd, a company registered in England and Wales with company number 10116102 whose registered office is at 5/6 Northwest Business Park, Servia Hill, Leeds LS6 2QH

TITLE
PRIVATE DRAINAGE

PROJECT
COMPTON MILL, LEEK

CLIENT
TRICAS CONSTRUCTION LTD

DRAWING STATUS
PRELIMINARY

Scale 1:200 @ A1 | Date MAY 21 | Drawn RF | Chk. MI

Drg. No. NW151/01/05 | Rev H

SUBJECT TO THE APPROVAL OF ALL RELEVANT AUTHORITIES

1:200 @ A1
4m 0 4m 8m 12m 16m 20m