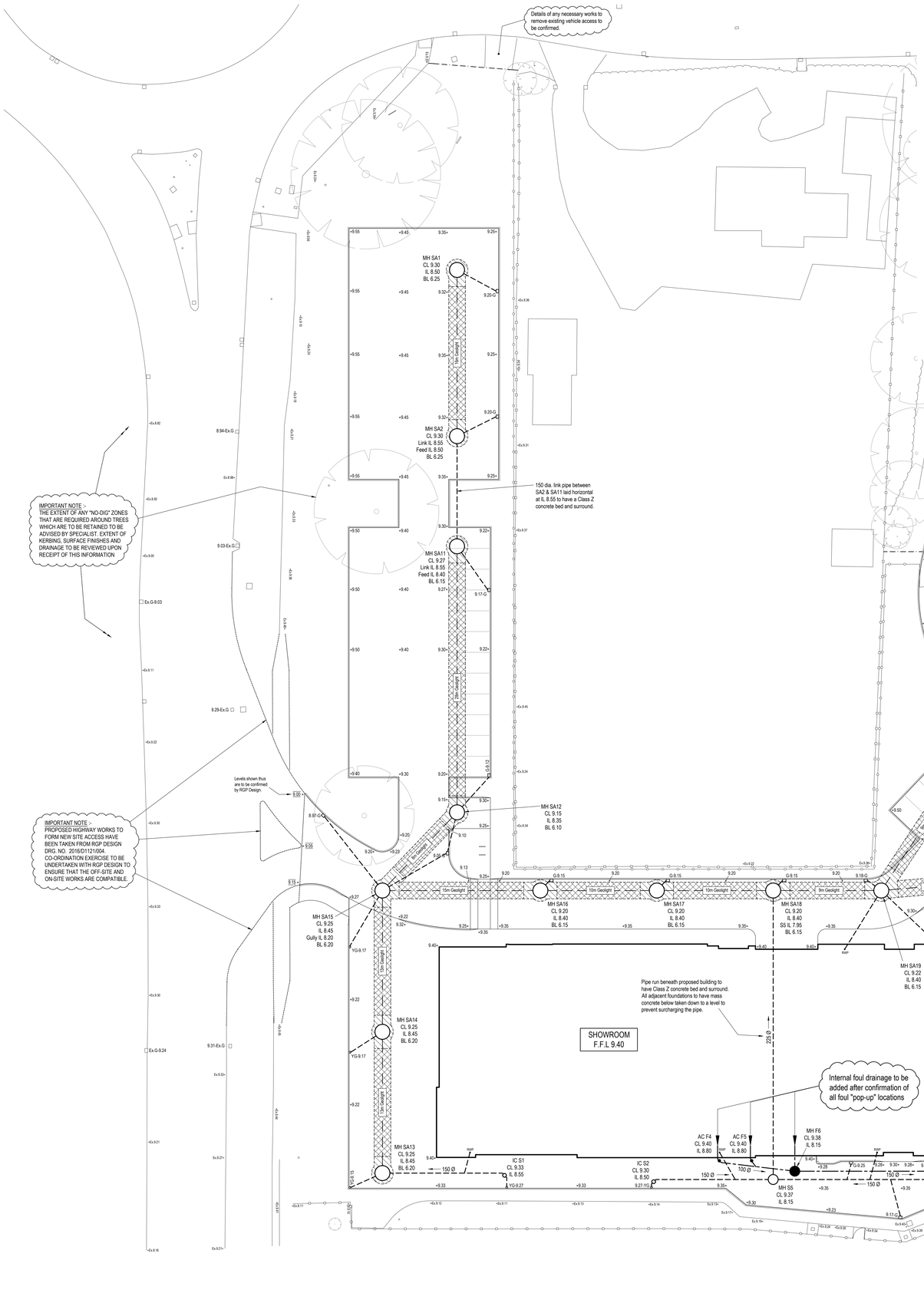
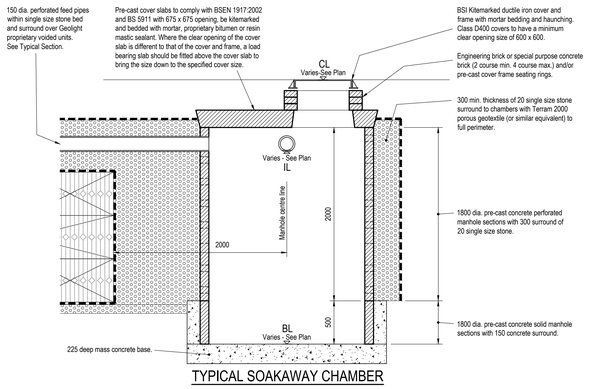
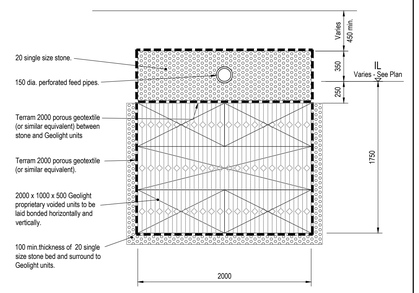




TYPICAL SOAKAWAY CHAMBER



TYPICAL SOAKAWAY TRENCH

INFORMATION WITHIN THIS DRAWING IS NOT NECESSARILY PRODUCED TO SCALE. ALWAYS USE FIGURED DIMENSIONS AND CO-ORDINATES - IF IN DOUBT, ASK.

NOTES

1. This drawing to be read in conjunction with Eastwood & Partner's drawing number 40923/062.
2. All pipes shall be either :-
   - A - Vitrified clay to BS EN 295 with a minimum crushing strength as follows :- 150 dia. - 40 kN/m, 225 dia. - 45 kN/m, 300 dia. - 72 kN/m OR
   - B - Class H concrete to BS 5911. OR
   - C - PVC to have BSI kitemark status (certified to WIS 4-35-01) Wavin or similar approved. Maximum pipe length to be 3m.
3. All pipes are to be laid soffit to soffit at manholes unless noted otherwise.
4. Pipes entering manholes and road gullies shall have a flexible joint within 600 of the inside of the manhole or gully joining with a short Rocker pipe.
5. All pipes to be 100 dia. unless noted otherwise.
6. All works and materials to be in accordance with "Sewers for Adoption" (6th edition), bedded with a Class S granular bed and surround as a minimum requirement. Pipes within highways with cover less than 1200 to have a Class Z concrete bed and surround. Pipes within paved areas with cover less than 600 to have a Class Z concrete bed and surround. Pipes within landscaped areas with cover less than 300 to have a Class Z concrete bed and surround.
7. All trenches in roads and paved areas shall be backfilled with Type 1 DOT granular sub-base material.
8. All cover levels are indicative only. Covers to be set to suit camber/gradient of existing and proposed surfacings.
9. The invert levels at the proposed points of connection to existing drains shall be checked before any new drains are constructed. Any variation to the levels shown on the drawing shall be notified to Eastwood & Partners.

- Ex. surface water drainage
- Surface water drainage abandoned
- Surface water drainage
- Foul drainage
- Soakaway system consisting of 1800 dia. silt trap soakaway chambers and 2000 wide soakaway trenches - see Typical Details.
- ACO M100D drainage channel with 150 Ø roddable sump outlets (or 100 Ø end outlets where indicated) and Load Class C250 covers.
- G Road gully with 150 dia. roddable outlet.
- YG Yard gully with 100 dia. roddable outlet.
- TG Trapped gully with 100 dia. roddable outlet.
- IC 450 min. dia. Polypropylene inspection chamber.
- AC 300 min. dia. Polypropylene access chamber (600 max. depth).

IMPORTANT NOTES :-
Foul drainage systems to be reviewed after confirmation of all proposed foul "pop-up" locations. Roof rainwater branches to main runs to be reviewed after confirmation of all rainwater down pipe locations.

REV	DESCRIPTION	SIG	CHK	DATE
G	Soakaway link pipes amended to 150 dia. and Class Z concrete bed and surround specified. Ex. surface water drain crossing the site to be abandoned.	MW	SJE	31.08.17
F	Foul and surface water systems amended to remove manholes from Haskins access for ease of construction.	MW	SJE	30.08.17
E	Link pipes between soakaway systems added. Protection to pipe S5 - SA18 below building added. Assumed RWP and branch connections indicated.	MW	SJE	25.08.17
D	Soakaways amended following on site percolation test.	MW	SJE	22.08.17
C	Tender Issue.	MW	SJE	28.04.17
B	Foul drainage amended to suit fully recycling car wash.	MW	SJE	20.04.17
A	First Issue.			

CAFFYNS

AUDI
WORTHING

EXTERNAL DRAINAGE LAYOUT

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SCALE WHEN PLOTTED AT A0	DRAWING STATUS
1:200 1:25	FOR APPROVAL

DRAWN	CHECKED	DATE	DRAWING NUMBER	REV
MW	SJE	11-04-17	40923/061	G

AMENDMENT COUNCIL 2000/17/EEC