



7. Downpipe hoppers, sump units and gullies to be trapped except where indicated.
8. All junctions and bends under the building to have large radii.
9. Access covers to be provided at bend locations in the cast iron pipework.
10. (i) The position of manhole 1 is to be located on a existing 150mm drain which exits to the Southern Water sewer in Marine Parade. (ii) This may involve moving it from it's assumed position. (iii) The invert given is the existing invert of the exit manhole from the previous site. (iv) The contractor is to determine the fall of the exit pipe and notify the engineer by determining the actual invert for MH1. (v) If the existing fall to the s.w sewer is less than 1:18 then the contractor is to increase the diameter of the exit pipe to a size determined by the engineer by 'pipe bursting' or otherwise.
11. See Architects drawings for manhole cover levels.
12. Rodding access to be provided to SVP's and downpipes at ground level.

- NOTES.**
1. GENERAL
 - (i) This drawing is not to be scaled, work to figured dimensions only, confirmed on site.
 - (ii) This drawing is to be read in conjunction with all relevant architectural drawings, detailed specifications where applicable and all associated drawings in this series.
 - (iii) Any discrepancy on this drawing is to be reported immediately to the partnership for clarification.
 - (iv) The contractor is responsible for all temporary works and for the stability of the works in progress.
 2. Cast iron pipes to be used inside the building where indicated. Cast iron to BS 437 with flexible joints to BS 8097.
 3. All foul runs to be laid to a minimum of 1:40 except where indicated.
 4. All rainwater pipework to be laid to a minimum of 1:100.
 5. Drawing to be read in conjunction with drawings 8459/131-132 and the manhole schedule.
 6. All drainage channels to have a minimum rating of D400. Unless otherwise noted.

KEY:

- COMBINED DRAIN RUN
- ROOF DRAINAGE
- CAST IRON DRAIN
- ROAD DRAINAGE
- FOUL DRAINAGE
- AIR VENT DRAINAGE
- ACO DRAIN TYPE D400 (BRIDGE DECK TYPE)
- ACO DRAIN TYPE B125
- ⊠ ACO K100S (D400)
- ⊠ GULLY
- MANHOLE
- ⊠ SVP
- RWP
- PILE POSITION

ALL PIPES 100 Ø EXCEPT WHERE INDICATED

ROAD DRAINAGE FROM BASEMENT CAR PARK RE-ROUTED, 270 BENDS AMENDED DRAINAGE AMENDED	03/04/00	MJP	B
REDRAWN FROM ARCHITECTS PLANS	11/02/00	MJP	A
FIRST ISSUE	08/12/99	ADC	
Revision	Date	By	Rev. No.

Client: **BERKELEY HOMES (SOUTHERN) LTD**

Project: **24-30 MARINE PARADE, BRIGHTON, EAST SUSSEX**

Title: **GROUND FLOOR DRAINAGE**

HEMSLEY ORRELL PARTNERSHIP
CONSULTING CIVIL & STRUCTURAL ENGINEERS

● HOP HOUSE, 41 Church Road, Hove, East Sussex BN3 2BE
Tel : (01273) 223900 Fax : (01273) 326767 Email : hopshove@tdi.pipex.com

○ 151 Western Road, Hove, East Sussex RH16 3JH
Tel : (01444) 457756 Fax : (01444) 455953 Email : hop.h@virgin.net

Scales	Date	Drawn	Engineer	Checked	Approved
1:100	DEC 1999	M.PACIFICO	M.ANDREW	M.ANDREW	D.JONES
Project No.	Task No.	Dwg. No.	Rev. No.		
8459	03	130	B		