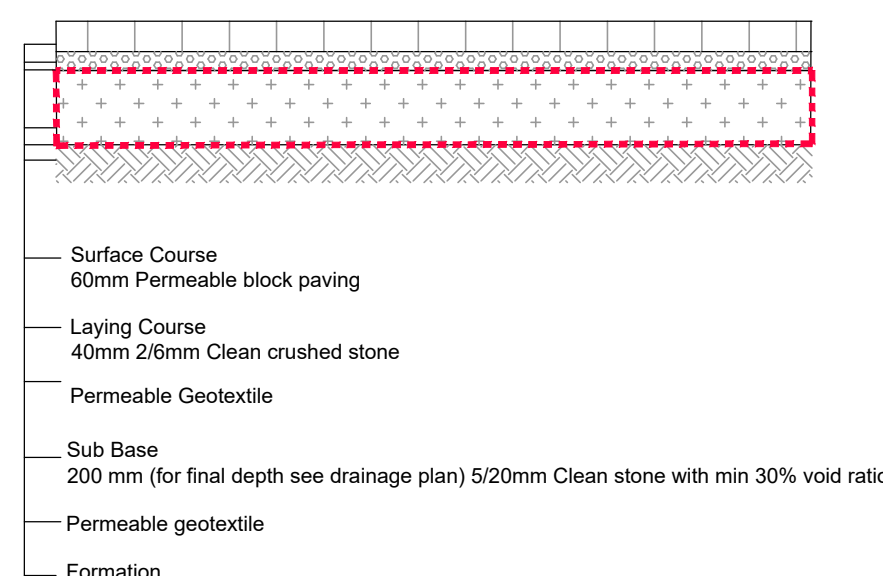
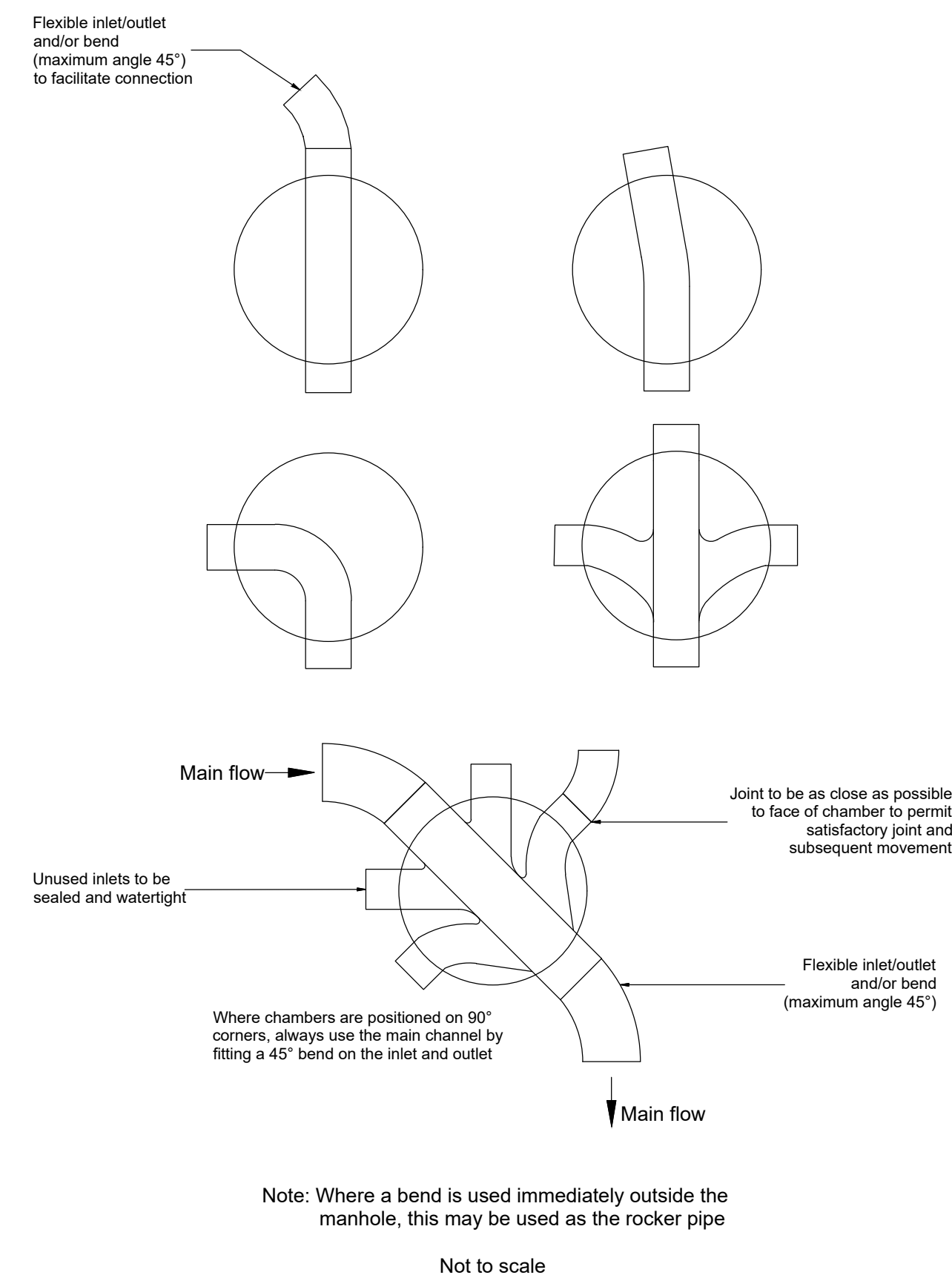
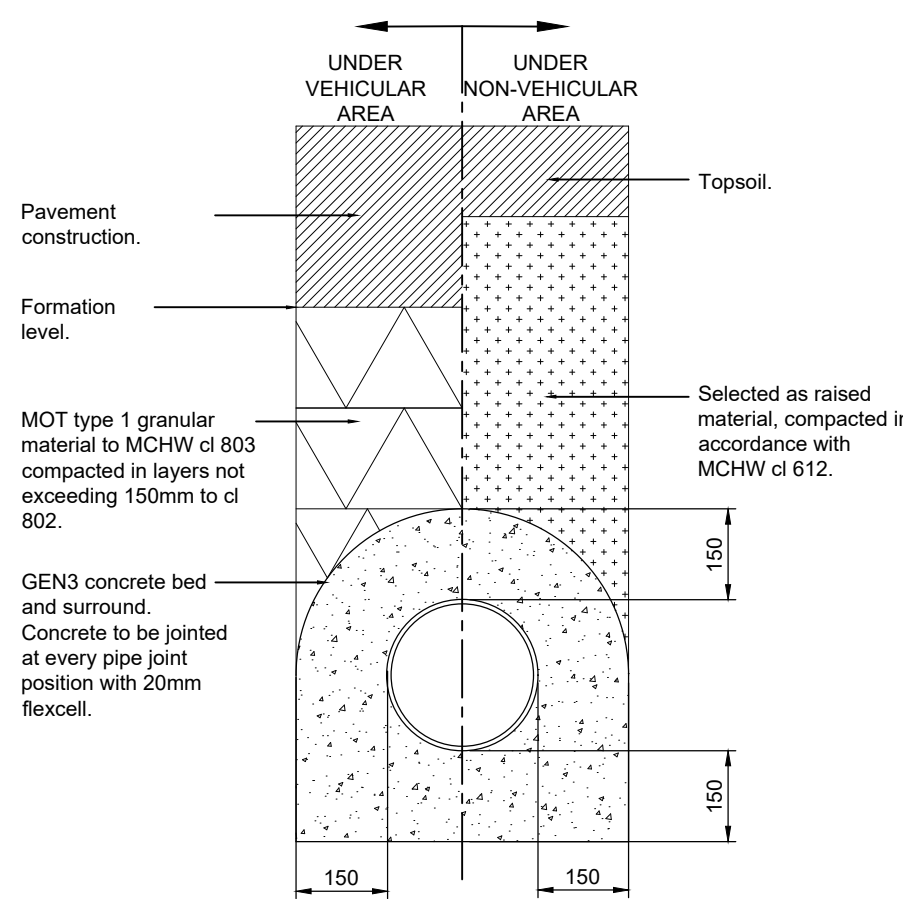


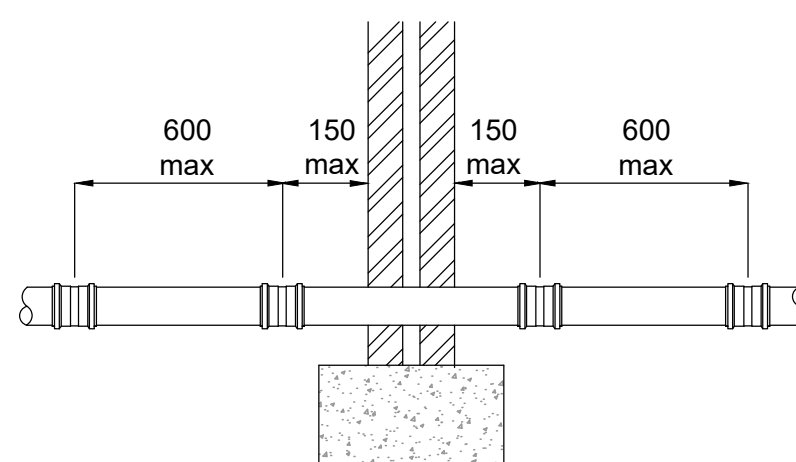
**FIGURE B 22**  
**TYPICAL BASE LAYOUTS FOR TYPE D CHAMBERS**



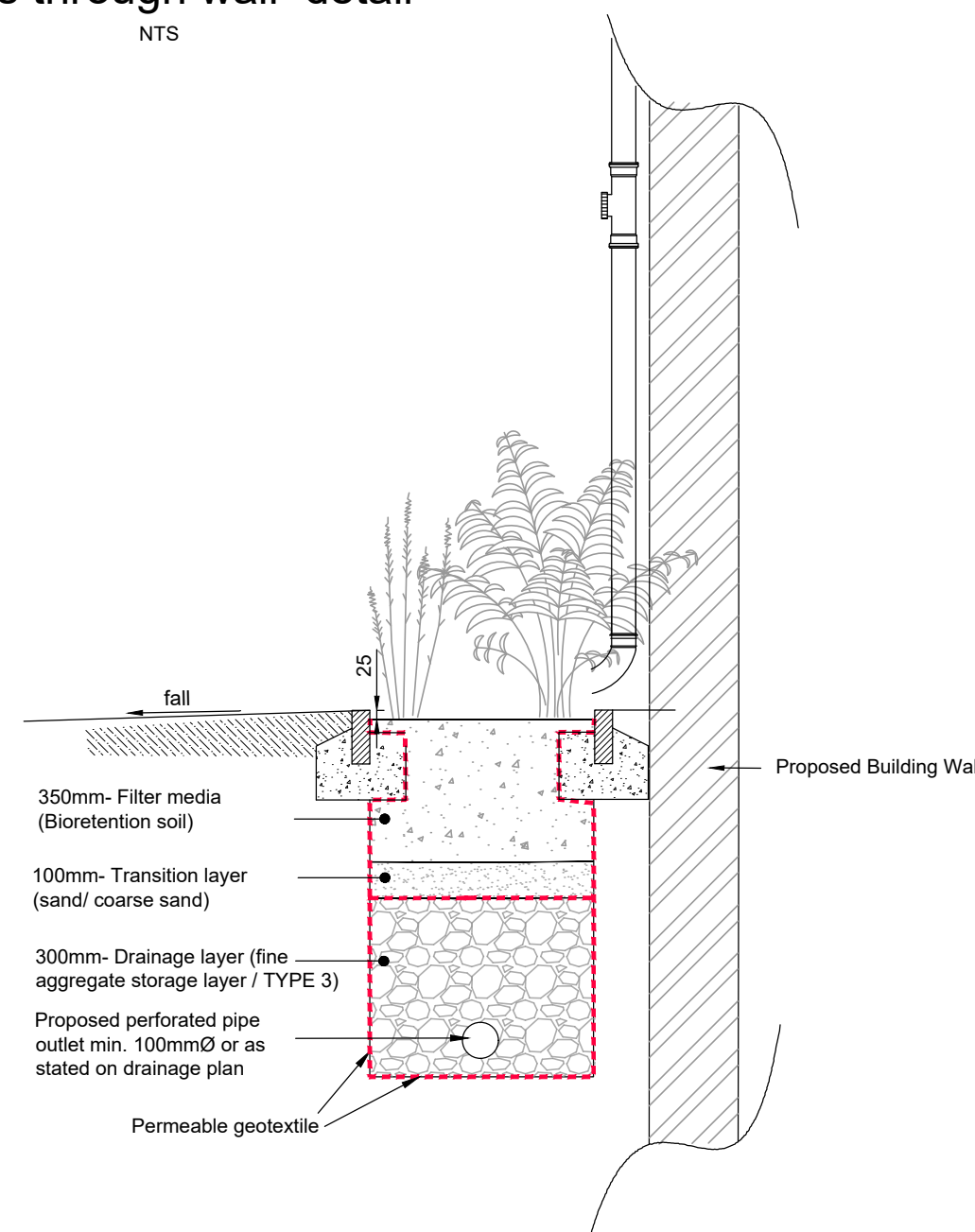
Proposed Permeable Patio  
Construction (PP2)  
(Design based on assumed CBR > 3%)  
Final subbase depth subject to CBR test)



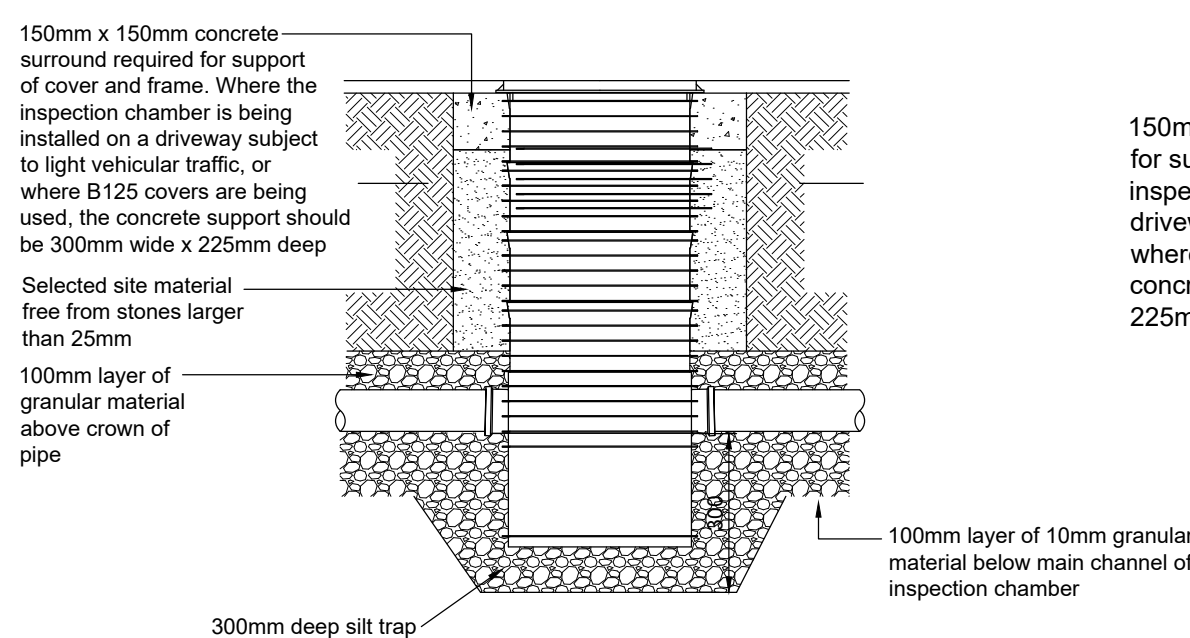
## Pipe Bedding Details



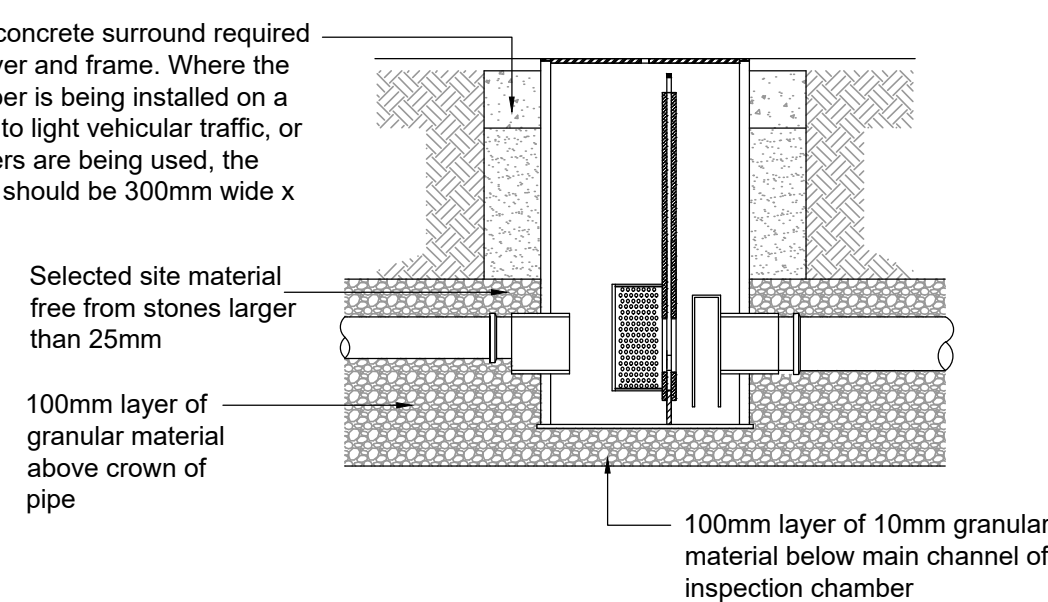
### Pipes through wall detail



### Proposed Bio-retention Unit Typical Detail (Scale 1:20)

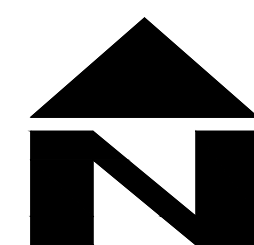


460mmØ Polypipe basic silt  
trap detail




Conraflow 500 with foul  
air trap

- STANDARD DRAINAGE NOTES**
1. DO NOT SCALE FROM THIS DRAWING. REFER TO FIGURED DIMENSIONS ONLY. THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE.
  2. ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS ARE IN METERS UNLESS NOTED OTHERWISE.
  3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
  4. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ARCHITECT AND/OR ENGINEER IMMEDIATELY, SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK.
  5. BEFORE COMMENCING CONSTRUCTION THE CONTRACTOR MUST CHECK THE INVERT LEVELS OF EXISTING SEWERS TO WHICH CONNECTIONS ARE MADE. IN ADDITION THE CONTRACTOR MUST LOCATE AND DETERMINE INVERT LEVELS OF THE EXISTING SPURS TO WHICH CONNECTIONS ARE MADE. ANY DISCREPANCIES ARE TO BE NOTIFIED TO THE ENGINEER IMMEDIATELY, PRIOR TO CONSTRUCTION.
  6. ALL DRAINAGE WORKS SHOULD COMMENCE AT THE PROPOSED DOWNSTREAM CONNECTION POINT. THE WORKS CONTINUING UPSTREAM FOLLOWING CONFIRMATION OF THE TIE-IN INVERT LEVELS TO THE ENGINEER. CONNECTIONS TO MANHOLES OR LARGER DRAIN PIPES SHOULD BE SOFT TO SOFTIT UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER. IF THIS IS NOT POSSIBLE INFORM THE ENGINEER IMMEDIATELY.
  7. COVER LEVELS SHOWN ARE APPROXIMATE. COVERS AND FRAMES MUST BE SET TO FINISHED GROUND LEVELS AND FALLS.
  8. ALL UN-REFERENCED PIPES ARE TO BE 100mm DIA
  9. ALL PIPES TO BE ADOPTED, OR CONNECTING TO ADOPTED SEWERS ARE TO BE VITRIFIED CLAY 150mm BS EN 5595 (SWS ONLY), OR CONCRETE PIPES TO BE EN 1916 AND BS5911 PART 1.
  10. ROAD GULLY OUTLET PIPES ARE TO BE 150mm DIA. WITH CONCRETE SURROUND AND FLEXIBLE JOINTS. ALL GULLIES MUST BE FITTED WITH GRADE D400 GRATINGS AND FRAMES TO BS EN 1244, UNLESS OTHERWISE STATED.
  11. ALL ADAPTABLE SEWERS SHALL BE CONSTRUCTED TO THE STANDARD OF THE BUILDING REGULATIONS PART-H. SEWERS FOR ADOPTION 6th EDITION, WITH A VIEW TO ADOPTION UPON COMPLETION OF WORKS.
  12. ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS APPROVED DOCUMENT PART-H. AND TO THE SATISFACTION OF THE BUILDING CONTROL INSPECTOR.
  13. THE CONTRACTOR IS TO KEEP A RECORD OF ANY VARIATIONS FROM THE DESIGN, INCLUDING THE LOCATION OF SEWERS OR DRAINS, SO THAT AN AS CONSTRUCTED DRAWING CAN BE PREPARED UPON COMPLETION OF THE PROJECT.
  14. SUB CONNECTIONS TO ADAPTABLE MANHOLES SHALL BE MADE FROM VITRIFIED CLAY AND CONSIST OF TWO ROCKER PIPES LAID AT THE SAME GRADIENT AS THE UP OR DOWNSTREAM PIPE.
  15. IF ANY SUB SOIL DRAINAGE SYSTEMS ARE UNCOVERED DURING THE WORKS CONTACT THE ENGINEER FOR INSTRUCTIONS. SUB SOIL DRAINS ARE TO BE DIVERTED AROUND NEW WORKS AND CONNECTED INTO THE SURFACE WATER.
  16. NO PRIVATE AREAS ARE TO DRAIN INTO ADAPTABLE AREAS AND VICE VERSA.
  17. ALL EXISTING MANHOLE COVERS, GULLIES, ETC. ARE TO BE RAISED/LOWERED TO SUIT NEW LEVELS.
  18. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THE LOCATION AND DEPTH OF ALL EXISTING SERVICES AND UTILITIES THAT MAY BE PRESENT
  19. UPON COMPLETION BUT PRIOR TO HANDOVER, CONTRACTOR TO CARRY OUT FULL CCTV SURVEY OF DRAINAGE SYSTEM WHICH IS TO BE REVIEWED BY ENGINEER TO ENSURE SATISFACTORY INSTALLATION.
  20. PROPRIETARY PRODUCTS TO BE INSTALLED IN FULL ACCORDANCE WITH MANUFACTURER'S GUIDANCE.
  21. MANHOLE AND CHAMBER COVER GRADES:
    - 'A15' IN ALL LANDSCAPED AREAS AND ON FOOTPATHS
    - 'B125' IN ALL DRIVEWAYS
    - 'C250' IN PRIVATE PARKING AREAS
    - 'D400' IN CARRIAGEWAY/ACCESS ROAD



Prefixed to drawing numbers shall signify the following:

PL = PLANNING	Shall <b>not</b> be used for contract or construction purposes
P = PRELIMINARY	Shall <b>not</b> be used for contract or construction purposes
T = TENDER	Shall <b>not</b> be used for construction purposes
C = CONSTRUCTION	These are the <b>only</b> drawings that shall be used for construction purposes
R = RECORD	Record of actual completed work

P-	31.12.25	PRELIMINARY ISSUE	KCK	CS	K
REV	DATE	DESCRIPTION	BY	CHK	APP
					
CLIENT					
STEPHANIE NEWELL					
ARCHITECT					
MICHAEL BISSETT POWELL					
JOB TITLE					
GHYLL HOUSE FARM, COPSALE RH13 6QW					
DRAWING TITLE					
PROPOSED TYPICAL CONSTRUCTION DETAILS					
DRAWN		ENGINEER		CHECKED	APPROVED
KCK		CS		CS	CS
DATE		SCALE @ A1			
CS		AS SHOWN			
JOB No.		STATUS		DRAWING No.	
C3929		P		501	
				REV.	
				P-	

FOR PLANNING ONLY