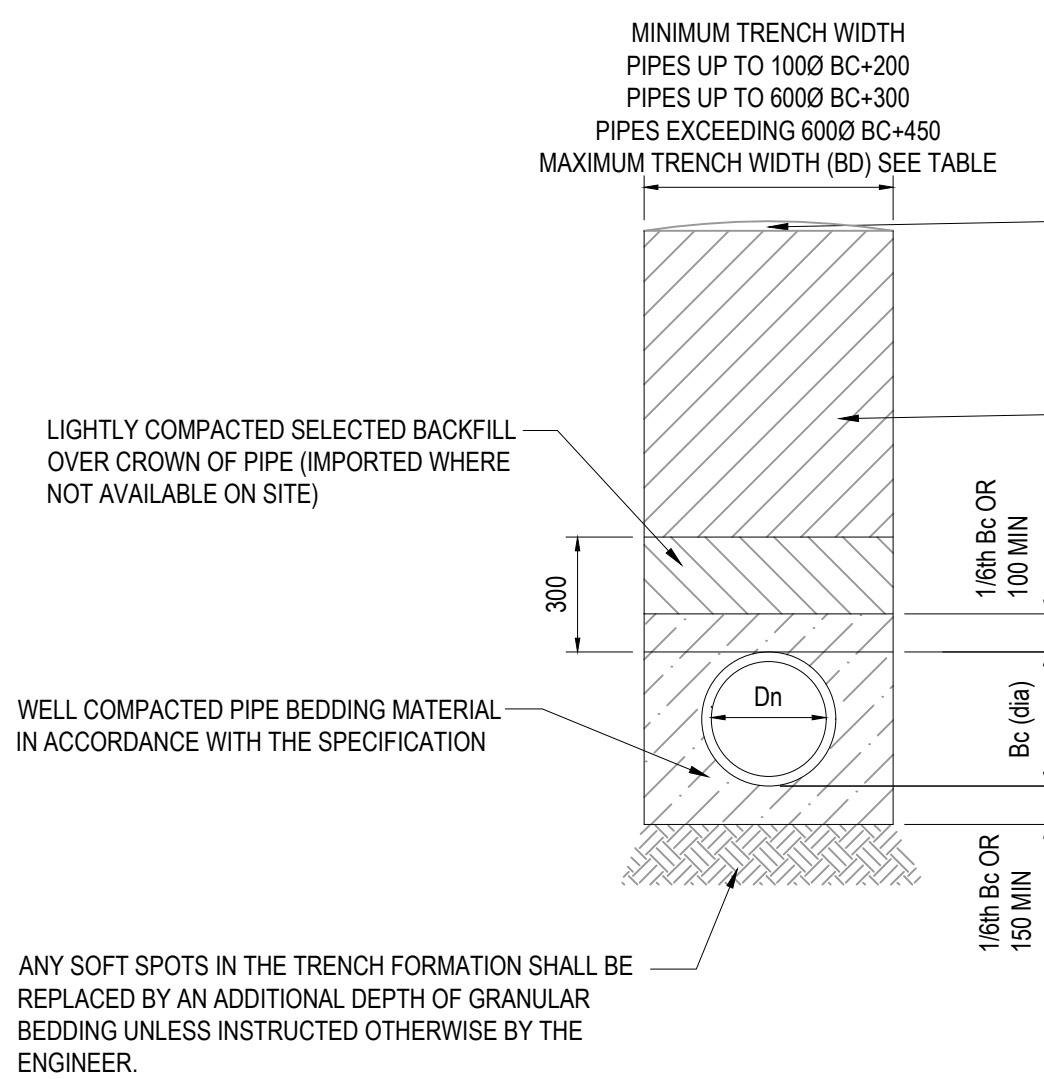




CLASS S - 360° GRANULAR SURROUND PIPE BEDDING DETAIL

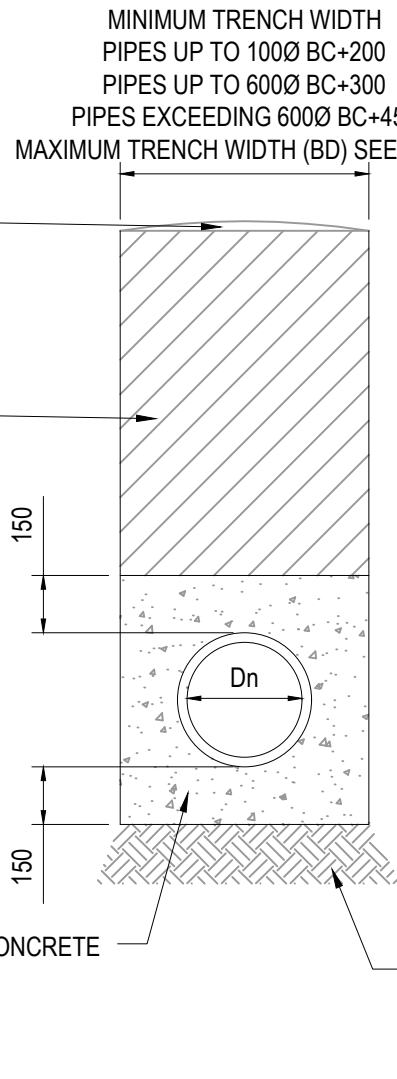
SOFT LANDSCAPE AREAS  
IN SOFT LANDSCAPING AREAS TRENCH FILL ABOVE  
PIPES IS TO BE MOUNDED TO A MAXIMUM DEPTH  
OF 50MM TO ALLOW FOR FUTURE SETTLEMENT.

HARDSTANDING AREAS  
SHW TYPE 1 GRANULAR MATERIAL  
SOFT LANDSCAPE AREAS  
SELECTED BACKFILL MATERIAL UP TO  
UNDERSIDE OF TOP-SOIL

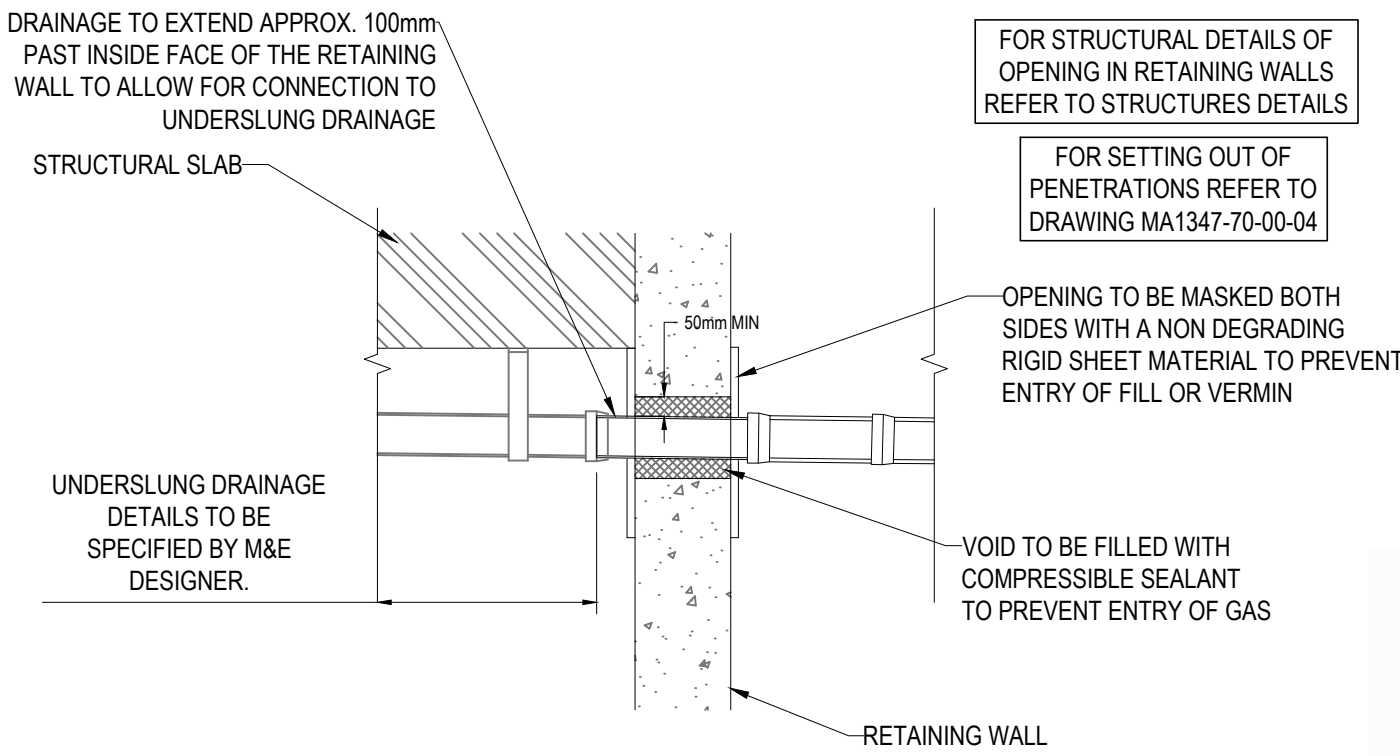
THE FLEXIBLE JOINTS IN THE PIPES SHALL BE  
MAINTAINED AT THE END OF EACH PIPE WITH  
COMPRESSIBLE SHEET CUT ACCURATELY TO FIT THE  
PIPE PROFILE TO BREAK THE CONCRETE SURROUND

| Dn  | Bd   |
|-----|------|
| 150 | 0.6  |
| 225 | 0.7  |
| 300 | 0.85 |
| 375 | 1.05 |
| 450 | 1.15 |
| 525 | 1.25 |
| 600 | 1.35 |
| 675 | 1.45 |
| 750 | 1.50 |

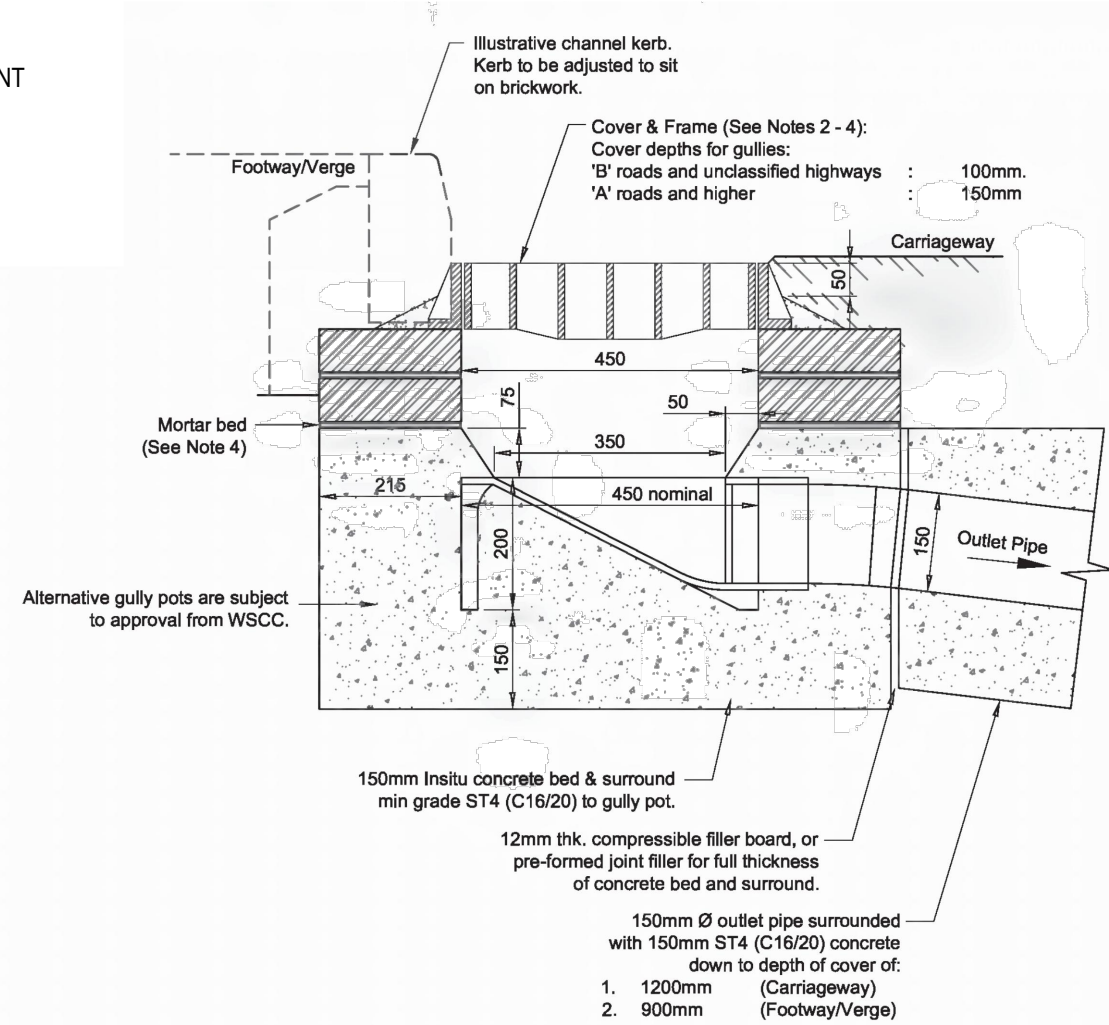
MAXIMUM TRENCH WIDTH



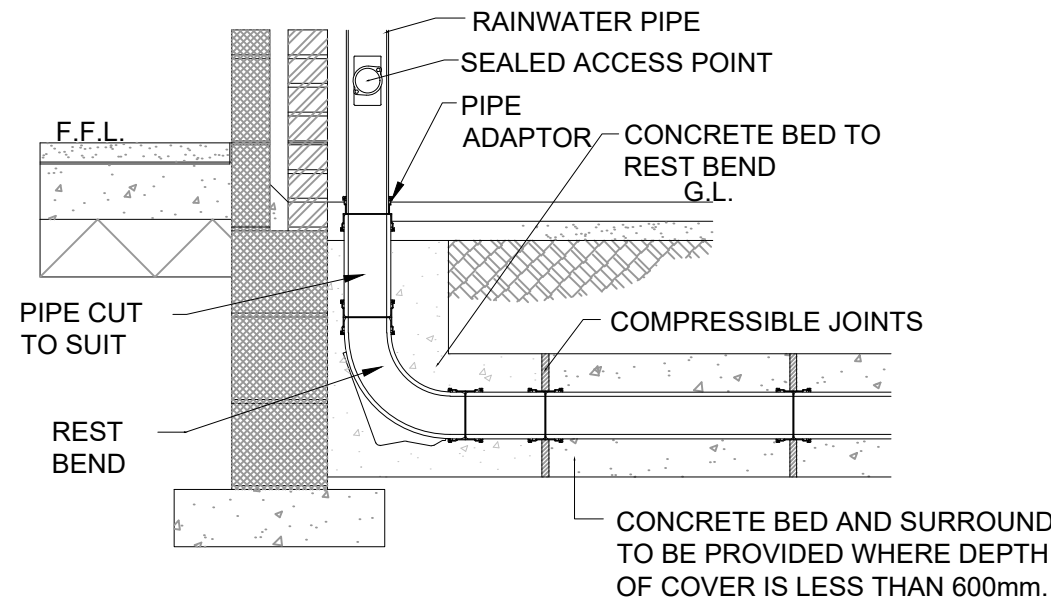
CLASS Z - CONCRETE BED AND SURROUND PIPE BEDDING DETAIL  
(COVER < 900mm IN VEHICULAR LOADING AND OPEN FIELD.)  
(COVER < 600mm ELSEWHERE EXCEPT UNDER BUILDINGS.)



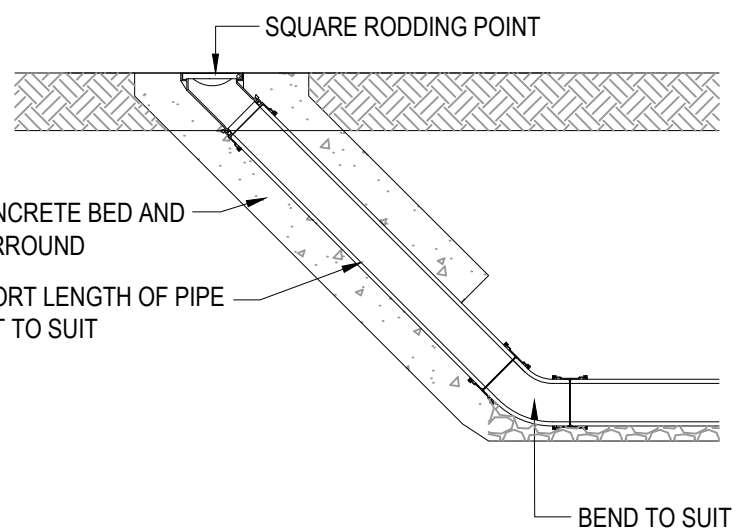
PENTRATION DETAIL THROUGH RETAINING WALL



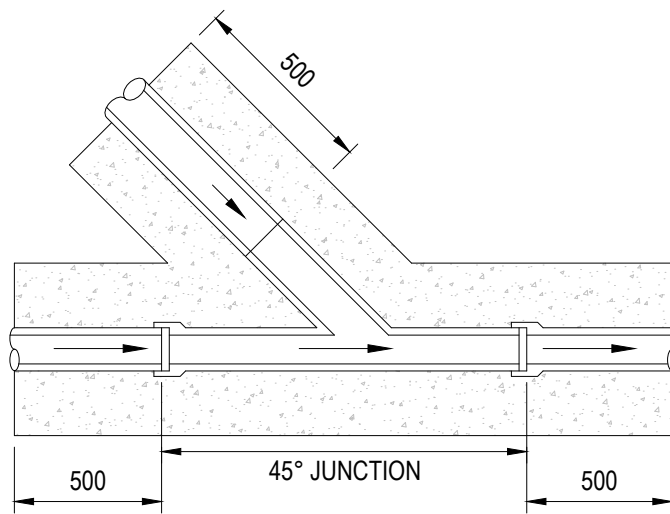
SUMPLESS GULLY



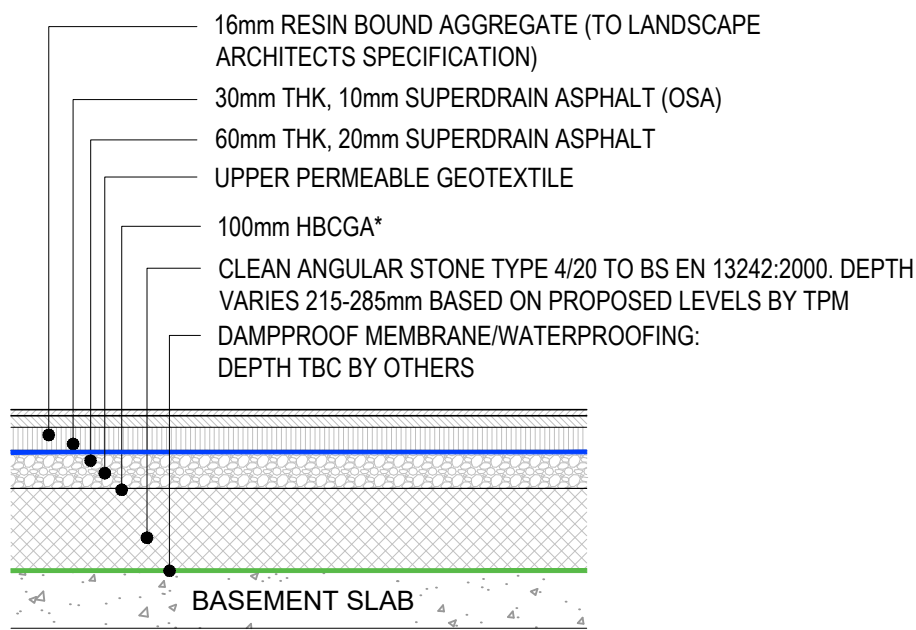
RWP CONNECTION DETAIL  
(SCALE 1:20)



RODDING POINT DETAIL (RE)

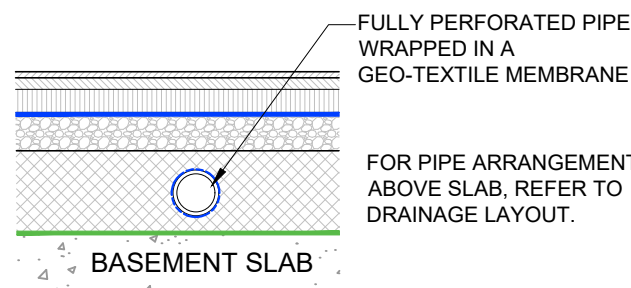


TYPICAL SADDLE CONNECTION

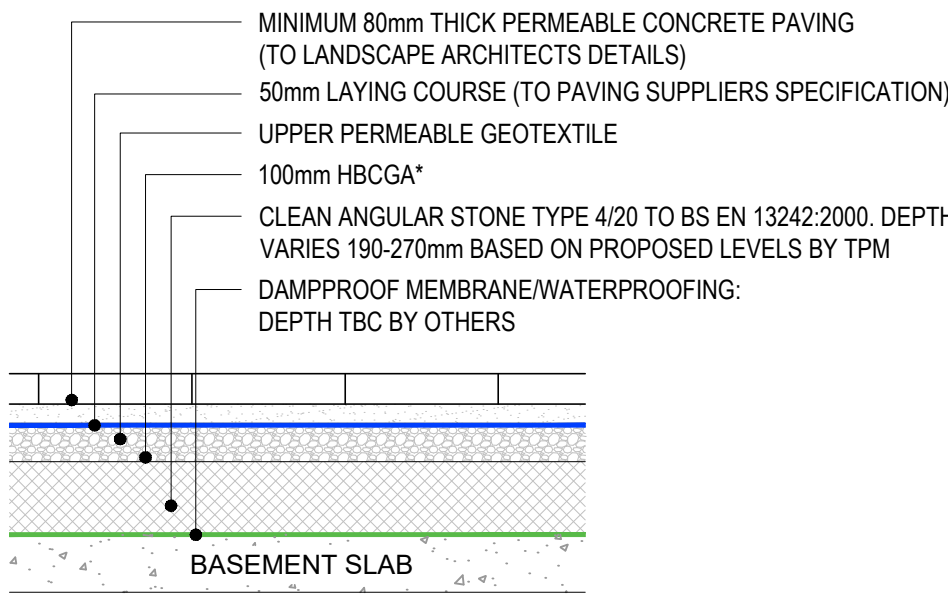


PERMEABLE RESIN BOUND AREA  
(LIGHT VEHICLE LOADING)

\* HBCGA refers to hydraulically bound coarse-graded aggregate (conforming to BS EN 14227-1:2013), minimum cement content 3%, strength class C5/6 as defined in BS EN 14227-1 and minimum permeability 10,000 mm/hr when tested in accordance with ASTM C1701M-09 or other suitable test).

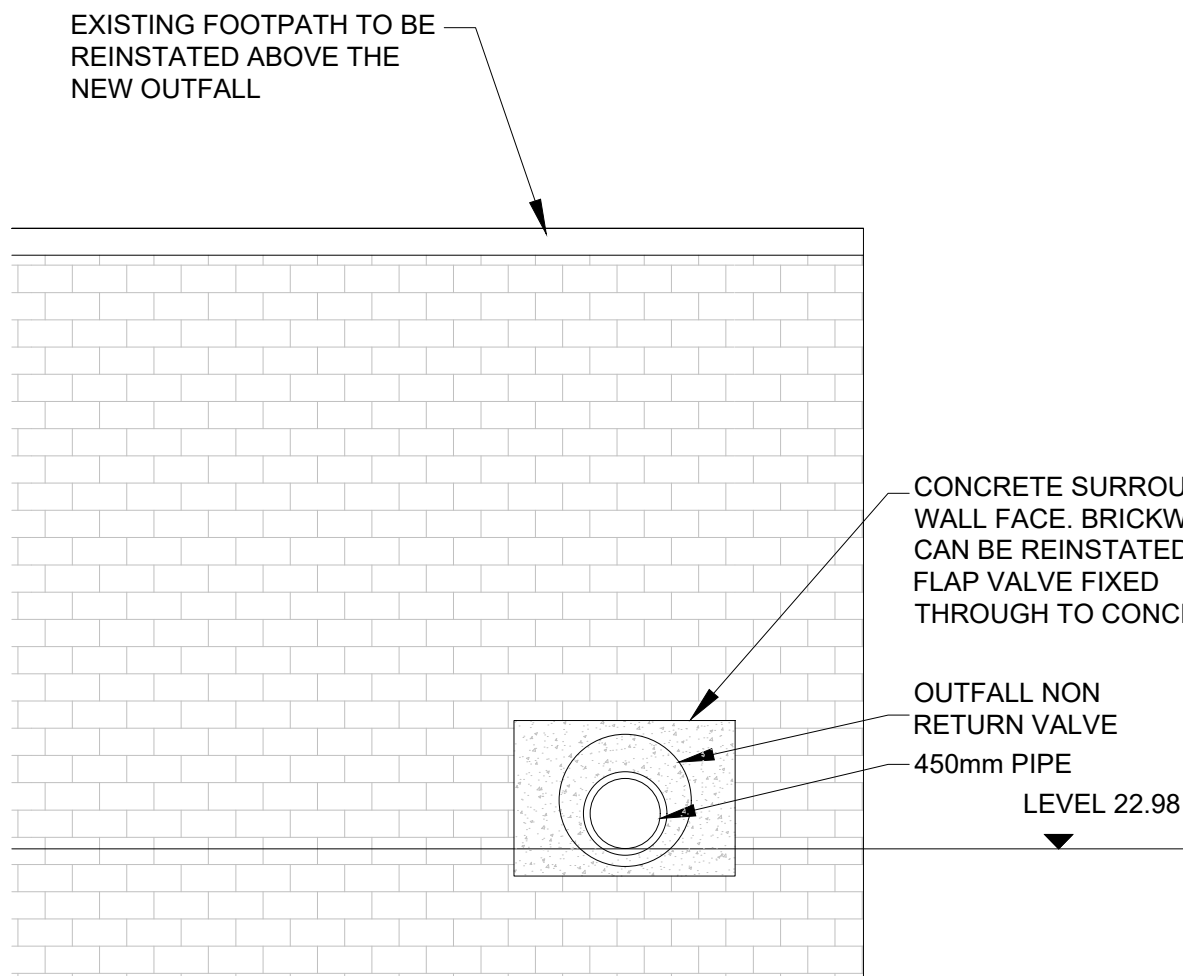


TYPICAL SECTION THROUGH PIPE WITHIN  
PERMEABLE SUB-BASE



PERMEABLE CONCRETE BLOCK  
(LIGHT VEHICLE LOADING)

\* HBCGA refers to hydraulically bound coarse-graded aggregate (conforming to BS EN 14227-1:2013), minimum cement content 3%, strength class C5/6 as defined in BS EN 14227-1 and minimum permeability 10,000 mm/hr when tested in accordance with ASTM C1701M-09 or other suitable test).



OUTFALL DETAILS  
(SCALE 1:20)

- GENERAL NOTES:
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
  - DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
  - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
  - SULPHATE RESISTANT CEMENT DC2 AND PRECAST CONCRETE PRODUCTS MUST BE USED WHERE SULPHATE FOUND, OR WHERE NO SULPHATES THEN C20- GEN 3

|      |                         |          |     |       |
|------|-------------------------|----------|-----|-------|
| P02  | PERMEABLE DETAILS ADDED | 28.07.22 | CS  | CG    |
| P01  | ISSUED FOR INFORMATION  | 05.07.22 | CS  | CG    |
| Rev: | Description:            | Date:    | By: | Chkd: |

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Status: **S2**

Project: **TRINITY ISLANDS**

Dwg Title: **DRAINAGE DETAILS SHEET 2**

|                                        |             |           |              |             |
|----------------------------------------|-------------|-----------|--------------|-------------|
| Size:                                  | Date:       | Drawn By: | Designed By: | Checked By: |
| A1                                     | 21/06/22    | CS        | CG           | CG          |
| Scale:                                 | 1:20        |           |              |             |
| Project No:                            | Originator: | Zone:     | Level:       | Type:       |
| ZD - CUR - G580 - PL - DE - 92531 -P02 |             |           |              |             |