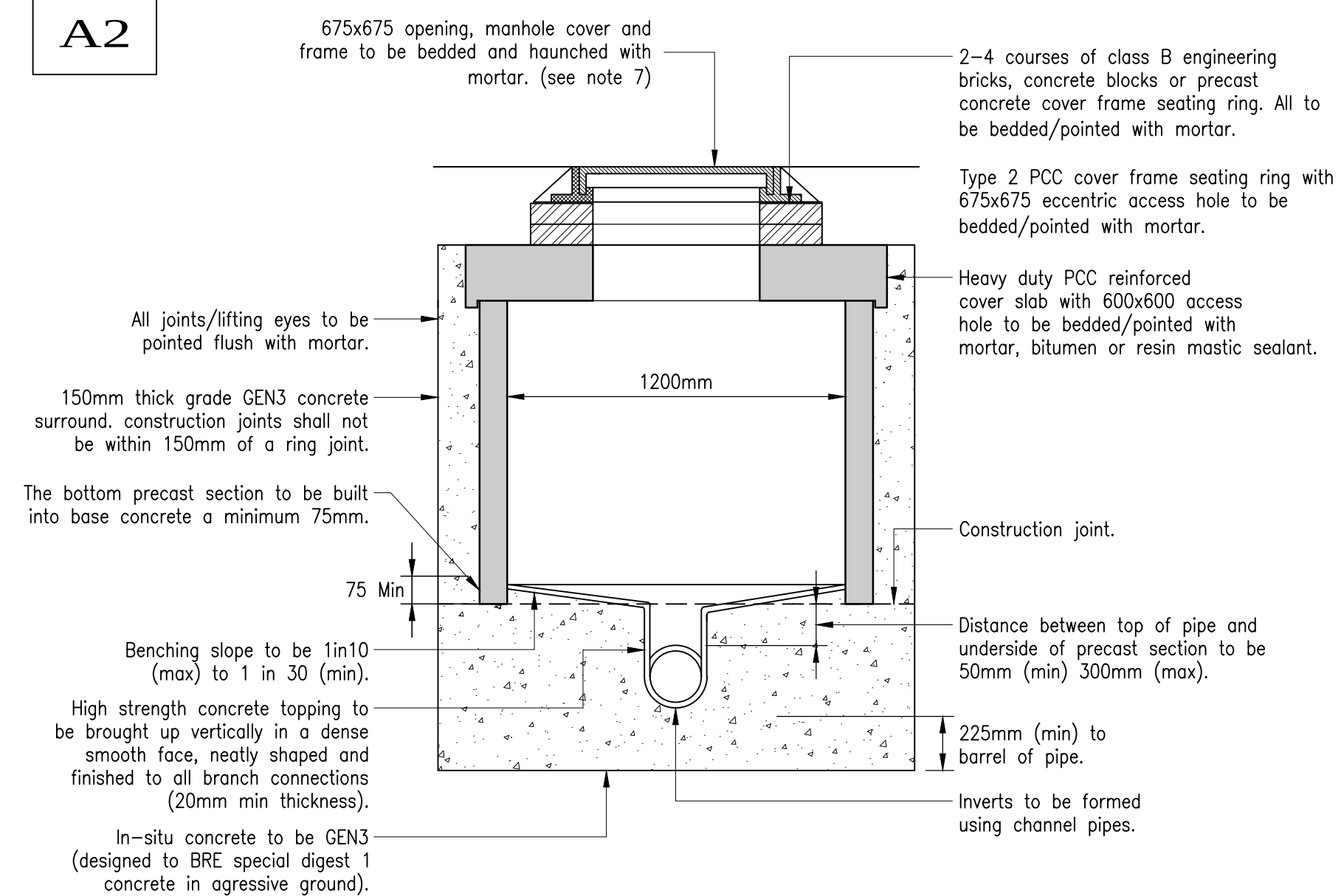
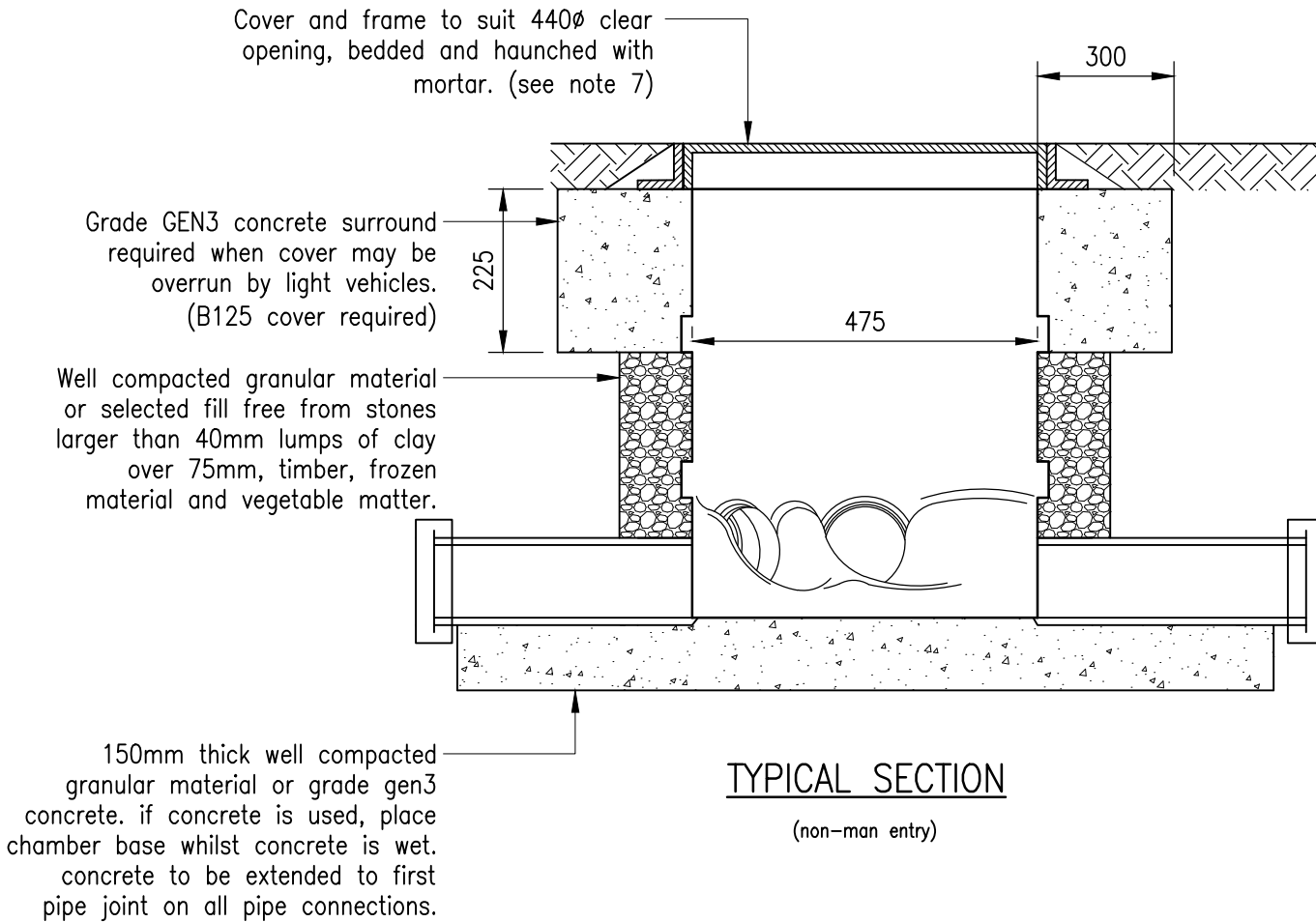
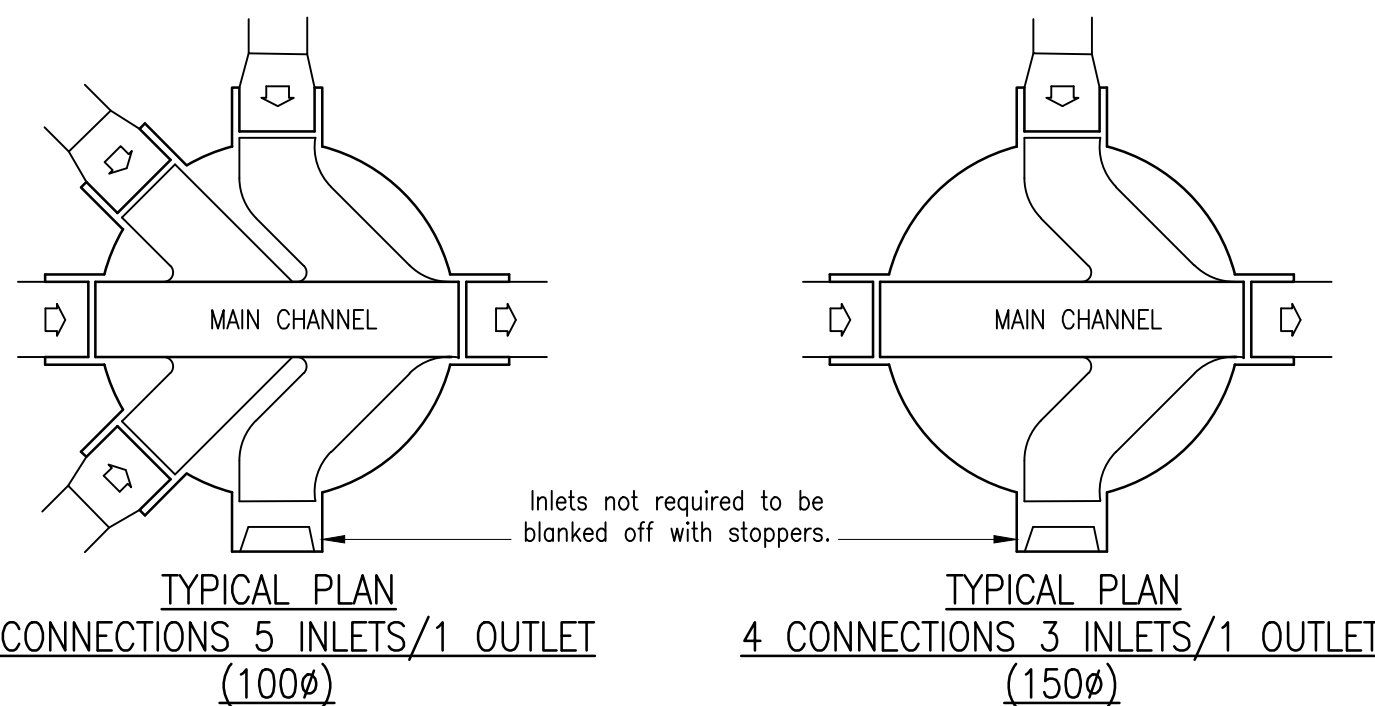




**TYPICAL TYPE E P.C.C. MANHOLE DETAIL**  
**DEPTH TO SOFFIT OF PIPE 1m TO 1.5m**  
**Max sewer diameter 375mm**  
**(non-man entry)**



**TYPICAL POLYPROPYLENE INSPECTION CHAMBER DETAIL**  
**DEPTH NO GREATER THAN 1200mm**

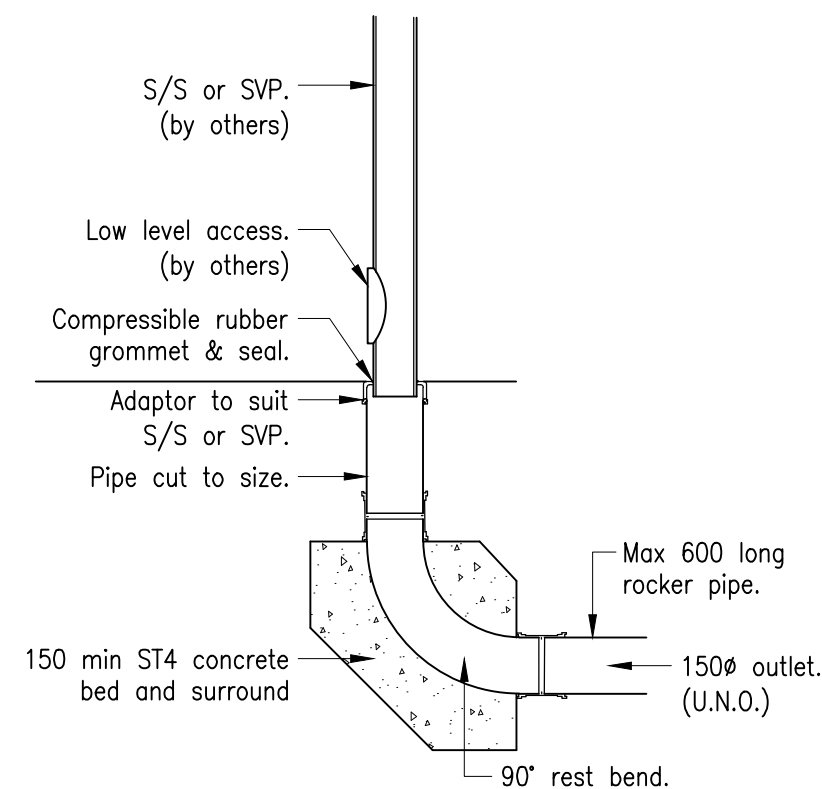


| DIA. OF LARGEST PIPE IN M.H. | CHAMBER SECTION INT.DIA. (mm) |
|------------------------------|-------------------------------|
| LESS THAN 375mm              | 1200                          |
| 375 TO 700                   | 1500                          |
| 750 TO 900                   | 1800                          |
| GRATER THAN 900              | AS SPECIFIED                  |

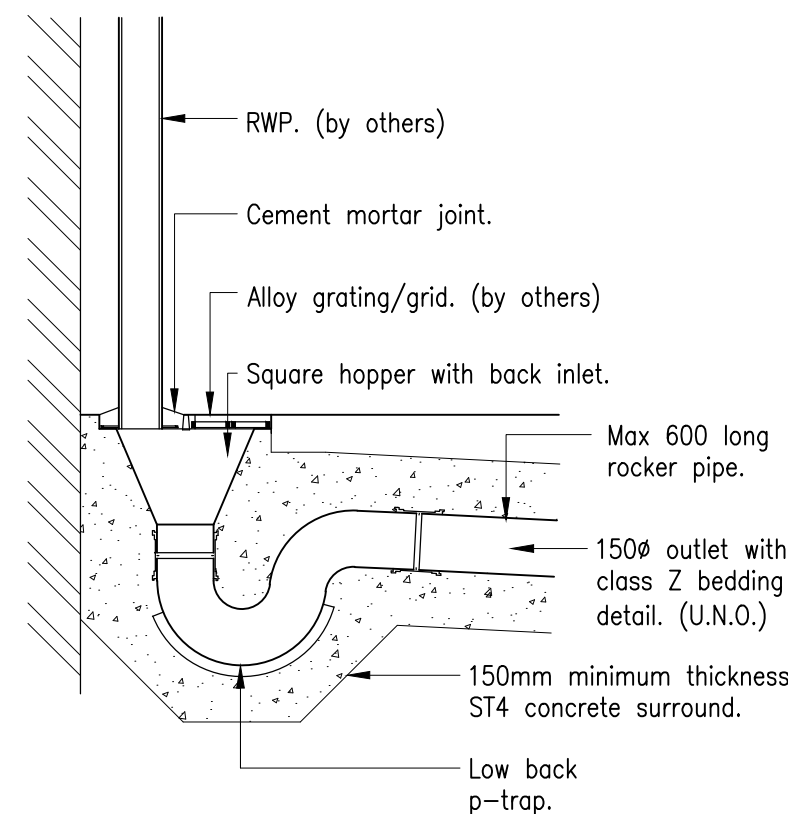
**TABLE APPLICABLE TO P.C.C. MANHOLE TYPES**  
(chamber sizes are minimum required)

| NOMINAL SIZE    | EFFECTIVE LENGTH (mm) |
|-----------------|-----------------------|
| 150 TO 600      | 600                   |
| OVER 600 TO 750 | 1000                  |
| OVER 750        | 1250                  |

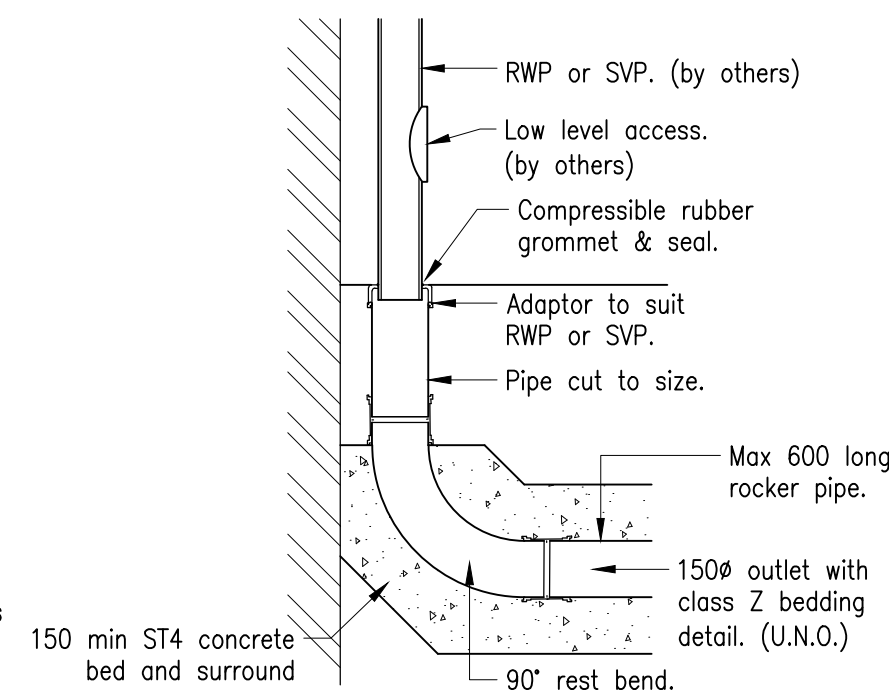
**SHORT AND ROCKER PIPE LENGTHS TABLE**  
**APPLICABLE TO ALL MANHOLE TYPES**



**TYPICAL INTERNAL S/S OR SVP CONNECTION DETAIL**  
(at locations as specified by others)



**TYPICAL EXTERNAL RWP WITH HOPPER DETAIL**  
(at locations as specified by others)



**TYPICAL EXTERNAL RWP OR SVP CONNECTION DETAIL**  
(at locations as specified by others)

DO NOT SCALE.

Only PDF/DWF Issues of this drawing are controlled. All other formats (eg. DWG AutoCAD FILES) are UN-controlled and are used at your own risk.

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**Note for Contractors**

This 3E drawing should be considered along with the risk information contained in the CDM Pre Construction Information. This information will include details of the SIGNIFICANT risks which 3E have identified which may arise from constructing the designs shown on this drawing. A competent Contractor should be aware of the typical risks associated with doing this work.

**Note for Workers**

DO NOT START YOUR WORK unless you know the Risks and Controls relating to the work on this drawing (including SAFE SEQUENCES OF WORK and EQUIPMENT).



Do not issue copies of parts of this drawing without the above Note for Workers (unless you are sure that the Workers can undertake the work safely).

|          |               |       |      |
|----------|---------------|-------|------|
| 12.06.17 | INITIAL ISSUE | JM    | P1   |
| Date     | Revisions     | Drawn | Rev. |

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Client  
**Mr Starling**

Project  
**Ashley Grange**  
**Haigh Lane**  
**Hoylandswaine**

Title  
**Typical Drainage Details**  
**Sheet 2**

|                      |                     |                      |                         |
|----------------------|---------------------|----------------------|-------------------------|
| Scale<br><b>1:20</b> | Author<br><b>JM</b> | Checked<br><b>ST</b> | Date<br><b>June '17</b> |
|----------------------|---------------------|----------------------|-------------------------|

Drawing Status  
**Preliminary**

|                                                    |            |      |       |      |      |             |     |
|----------------------------------------------------|------------|------|-------|------|------|-------------|-----|
| Job Number                                         | Originator | Zone | Level | Type | Role | Drawing No. | Rev |
| <b>P17-089 - 3E - 00 - XX - DR - C - 1002 - P1</b> |            |      |       |      |      |             |     |