

## Notes

1. For drainage notes refer to drawing LACE-DP-25-031-500.

Table A

| Dia. of largest pipe in manhole (mm) | Internal diameter of manhole (mm) |
|--------------------------------------|-----------------------------------|
| Less than 375                        | 1200                              |
| 375-700                              | 1500                              |
| 750-900                              | 1800                              |
| Greater than 900                     | Consult undertaker                |

Table B

| Drain Ø (mm) | Effective length (m) |
|--------------|----------------------|
| 150-600      | 0.6                  |
| 675-750      | 1.0                  |
| Over 750     | 1.25                 |

## Trench Widths

| Drain Ø (mm) | Width (mm)  |
|--------------|-------------|
| 100          | 450         |
| 150          | 600         |
| 225          | 700         |
| 300          | 750         |
| 375          | 1050        |
| 450          | 1150        |
| 525          | 1200        |
| 600          | 1350        |
| 675          | 1450        |
| 750          | 1500        |
| 825          | 1600        |
| 900          | 1900        |
| 975          | 2000        |
| 1050         | 2300        |
| 1200         | 2300        |
| Over 1200    | Dia. + 1000 |

Table C

| Chamber Size | Manhole Depth <1.5m | Manhole Depth Equal to or >1.5m |
|--------------|---------------------|---------------------------------|
| 900          | 675x675 Central     | 675x675 Central                 |
| 1050         | 750x750 Central     | 675x675 Eccentric               |
| 1200         | 675x675 Eccentric*  | 675x675 Eccentric               |
| 1500         | 1200x675 Central**  | 675x675 Eccentric               |
| 1800-3000    | 1200x675 Eccentric  | 675x675 Eccentric               |

\* 1200x675 Specified in BS EN 752-3 but not recommended  
Note: All measurement in mm UNO.  
\*\* Openings sited over the channel with double twin 600x600 covers.

Sizes are as concrete pipe system association (CPSA)  
'Technical Bulletin' issued Autumn 2004 for Kitemarked  
cover slab opening sizes.

### Manhole Cover Classification Table

| Class | Test Load (T) | Typical Uses                                                                                      |
|-------|---------------|---------------------------------------------------------------------------------------------------|
| A15   | 1.5           | Pedestrian Areas Only                                                                             |
| B125  | 12.           | Car Parks, domestic driveways, areas with occasional vehicular access                             |
| C250  | 25            | Carriageways if <500 from kerb face, car parks, service stations. Must be non-rocking/silent type |
| D400  | 40            | Carriageways and hard shoulders. Must be non-rocking/silent type                                  |
| E600  | 60            | Loading areas, docks, commercial/industrial areas                                                 |
| F900  | 90            | Exceptionally heavy loads, ports, airports                                                        |

Cover classifications above to BS EN124

| DESCRIPTION | REV | DATE | CHK | APP |
|-------------|-----|------|-----|-----|
|-------------|-----|------|-----|-----|

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PROJECT

Denbigh  
Pex Hill, Cronton

DRAWING TITLE

CLIENT

Mr Araz Athar

STATUS

## Information

|                                      |    |                        |
|--------------------------------------|----|------------------------|
| DRAWN                                | LA | DATE<br>28/02/2025     |
| CHECKED                              | KA |                        |
| APPROVED                             | KA | SCALE<br>AS SHOWN @ A1 |
| DRAWING NUMBER<br>LACE-DP-25-031-501 |    | REVISION<br>-          |