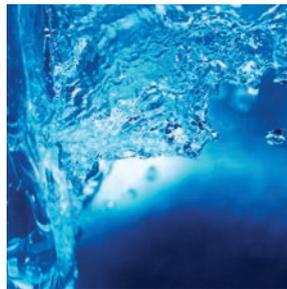




**PERMA-TRENCH**  
Flo-Thru Drainage Systems



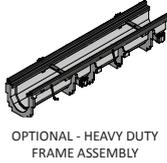
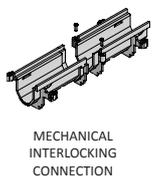
# FLO-THRU DRAINAGE SYSTEMS Introduction

Designed for ease of installation, Flo-Thru Drainage Systems from LWG Zurn are ideal for your next project. Offering unparalleled load-bearing strength, hydraulic performance, chemical resistance, and structural integrity they are independently certified to AS3996-2006. Flo-Thru Drainage Systems are versatile and easily modified for the toughest applications. Strong, durable and sustainable, with a built-in moulded slope, Flo-Thru Drainage Systems show superior flow characteristics, with a smooth, non-porous internal surface. Lightweight modular assemblies reduce labour and installation time, along with reduced delivery costs as well.

## Z-886 Perma-Trench HDPE Drain Systems 100mm Clear Opening

### Features and Benefits

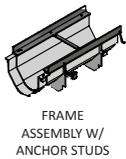
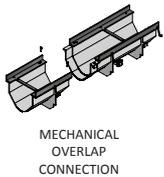
- 2032mm **Pre-engineered** Modular Channel Sections - Pre-sloped and Neutral
- .75% **Built-In Slope** – Greater flows, uniform slope.
- **Radiused Bottom** – Less solids build-up.
- **Durable and Lightweight** – Strong corrosion-resistant.
- Smooth High Density Polyethylene Structural Composite Interior – **0% water absorption.**
- Variety of **Grate Options** – 508mm or 1016mm Grates, Class A to G, Independently Certified to AS3996-2006.
- **Built-In Rebar Clips** – Accommodates #3 or #4 rebar for fast, easy installation.



## Z-882 Perma-Trench HDPE Drain Systems 235mm Clear Opening

### Features and Benefits

- 2500mm **Pre-engineered** Modular Sections
- 1.04% **Built-In Slope** – Greater flows, uniform slope.
- **Radiused Bottom** – Less solids build-up.
- Smooth High Density Polyethylene Structural Composite Interior – **0% water absorption.**
- **Durable and Lightweight** – Strong corrosion-resistant.
- Variety of **Grate Options** – 610mm & 1220mm Grates, Class A to G, Independently Certified to AS3996-2006.
- **Built-In Rebar Clips** – Accommodates #3 or #4 rebar for fast, easy installation.



### ALSO AVAILABLE (Visit [lwgurn.co](http://lwgurn.co) for details)

- Z883 Perma-Trench Shallow PP Drain System with 100mm Clear Opening
- Z886-ST Perma-Trench Radiused Trench Drain - Special Order Only
- Z874 Perma-Trench Wide Throat Trench Drain in Neutral/Presloped - Special Order Only

### Z886 System Profile

|        |      |      |      |        |      |      |      |        |      |      |      |      |      |      |
|--------|------|------|------|--------|------|------|------|--------|------|------|------|------|------|------|
| 88.9mm | 8601 | 8602 | 8603 | 8603N* | 8604 | 8605 | 8606 | 8606N* | 8607 | 8608 | 8609 | 8610 | 8611 | 8612 |
|--------|------|------|------|--------|------|------|------|--------|------|------|------|------|------|------|

### Z882 System Profile

|         |      |      |      |        |      |      |      |        |      |      |      |      |
|---------|------|------|------|--------|------|------|------|--------|------|------|------|------|
| 158.8mm | 8201 | 8202 | 8203 | 8203N* | 8204 | 8205 | 8206 | 8206N* | 8207 | 8208 | 8209 | 8210 |
|---------|------|------|------|--------|------|------|------|--------|------|------|------|------|

\*N=Neutral (non-sloping)

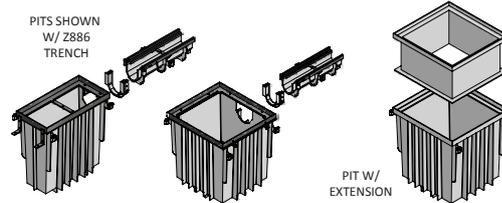
39.6m

## Z-887 Perma-Trench Drainage Pits

### Features and Benefits

- **Variety of Grating options available –**
- **152x508mm Clear Opening Inline Drainage Pit –** For use as an in-line sump for applications where top surface visual appearance is of continuous Z886 trenching.
- **305x610mm Clear Opening Inline Drainage Pit –** Provides greater sump capacities for larger trench runs. Can be used with Z882 and Z886 trenches.
- **600x600mm Drainage Pit –** Provides greater sump capacities for larger trench runs. Pit Extension for 600x 60mm Pit provides greater depths and capacities. Stackable units allow for depths in 305mm increments.

Class A to G, Independently Certified to AS3996-2006.



## Industrial & Decorative Grates

Independently Certified to AS3996-2006  
 \*Note: Not all grate patterns & sizes shown. Wide variety available. Visit [www.lwgurn.com](http://www.lwgurn.com) or contact the office for details.



P6-DCD



P12-HPDE



P6-HPDE-OS



P887-GG



P6-HPP-BLACK



P6-SMG



|      |        |      |      |       |         |
|------|--------|------|------|-------|---------|
| 2    | 8612N* | 8613 | 8614 | 8615  | 317.5mm |
| 09N* | 8210   | 8211 | 8212 | 464mm |         |

## APPLICATIONS

| Z- 886                | 882 | 883 | 887 |
|-----------------------|-----|-----|-----|
| Airports              |     |     |     |
| X                     | X   |     | X   |
| Airplane Hangars      |     |     |     |
| X                     | X   |     | X   |
| Amusement Parks       |     |     |     |
| X                     | X   | X   | X   |
| Athletics Tracks      |     |     |     |
| X                     | X   |     | X   |
| Car Washes            |     |     |     |
|                       | X   |     | X   |
| Chemical Plants       |     |     |     |
| X                     | X   | X   | X   |
| Driveways             |     |     |     |
| X                     | X   | X   | X   |
| Food Processing       |     |     |     |
| X                     | X   | X   | X   |
| Highways              |     |     |     |
| X                     | X   |     | X   |
| Hardscape Areas       |     |     |     |
| X                     | X   |     | X   |
| Industrial Parks      |     |     |     |
| X                     | X   |     | X   |
| Industrial Plants     |     |     |     |
| X                     | X   |     | X   |
| Kitchens              |     |     |     |
| X                     | X   | X   | X   |
| Landscape Areas       |     |     |     |
| X                     | X   | X   | X   |
| Military Bases        |     |     |     |
| X                     | X   |     | X   |
| Parking Lots          |     |     |     |
| X                     | X   | X   | X   |
| Petrol Stations       |     |     |     |
| X                     | X   |     | X   |
| Pharmaceutical Plants |     |     |     |
| X                     | X   | X   | X   |
| Parks/Gardens         |     |     |     |
| X                     | X   | X   | X   |
| Port Facilities       |     |     |     |
| X                     | X   |     | X   |
| Residential           |     |     |     |
| X                     | X   |     | X   |
| Shopping Centres      |     |     |     |
| X                     | X   | X   | X   |
| Sidewalks             |     |     |     |
| X                     | X   |     | X   |
| Swimming Pools        |     |     |     |
| X                     | X   | X   | X   |
| Water Parks           |     |     |     |
| X                     | X   | X   | X   |

Disclaimer: LWG Zurn Australia P/L and our suppliers reserve the right to vary specifications or delete models from the range without prior notification. Dimensions listed are correct at time of publication however LWG Zurn Australia P/L takes no responsibility for printing errors.



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