



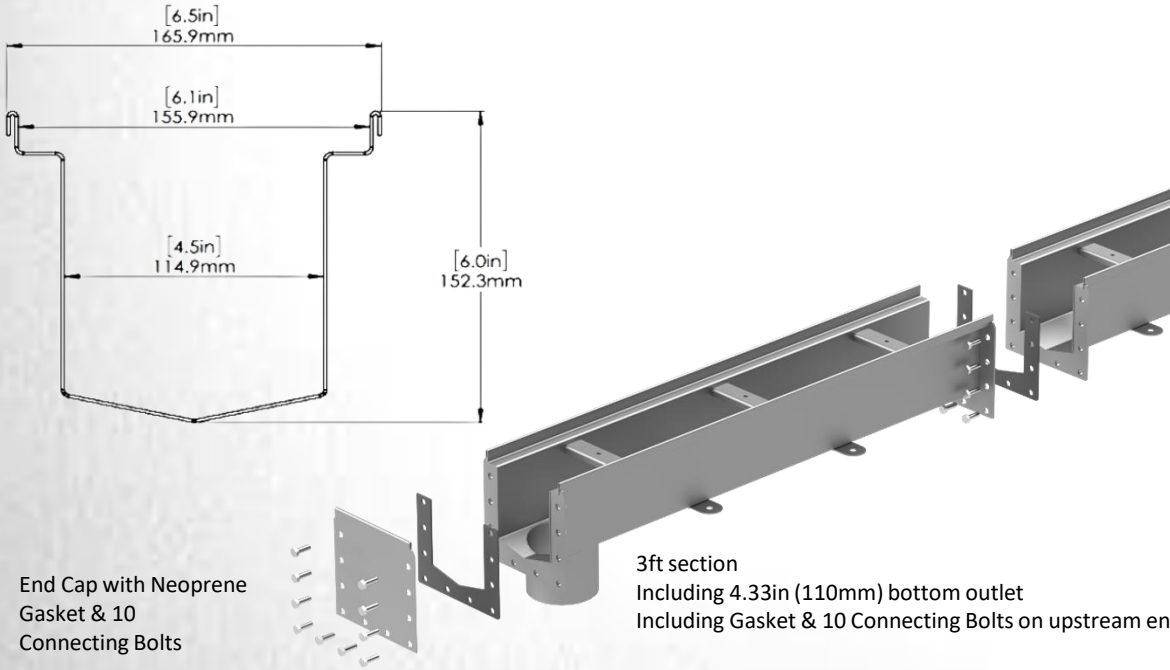
This all-stainless trench drain system has a 6" wide top and is designed to be a fast turnaround ex stock item with multiple configurations possible. The 6ft standard lengths can be blanked at the shallow end and capped with a horizontal 4.33" outlet on the other. Alternatively, the 4.33" horizontal outlet end cap can be swapped out for a 4.33" vertical outlet section 3ft long bringing the overall length to 9ft.

This central vertical outlet section could also have a 6ft section both sides - giving a 135ft run overall with a 4" central vertical outlet.

The 6ft standard sections can be appended by adding an extra 6ft section to 1 end.

The trench is ready to receive locked grates if they are chosen—Laser Line Heelproof Grates for Urban Streetscape projects. Heavy Duty Square Perforated Grates for Food Processing, Light Duty Square Perforated Grates for Changing Areas and Barefoot Traffic.

Trenches have a V bottom to increase flow rate and reduce debris build up.



Product Code	Trench Depth	Width	Length	Outlet	Flow Rate
SCNEC6"/4"	6"	6"	6'	4.33" / 110mm	110.9 US GPM
SCNEC6"/4"	6"	6"	6.75'	4.33" / 110mm	174.4 US GPM

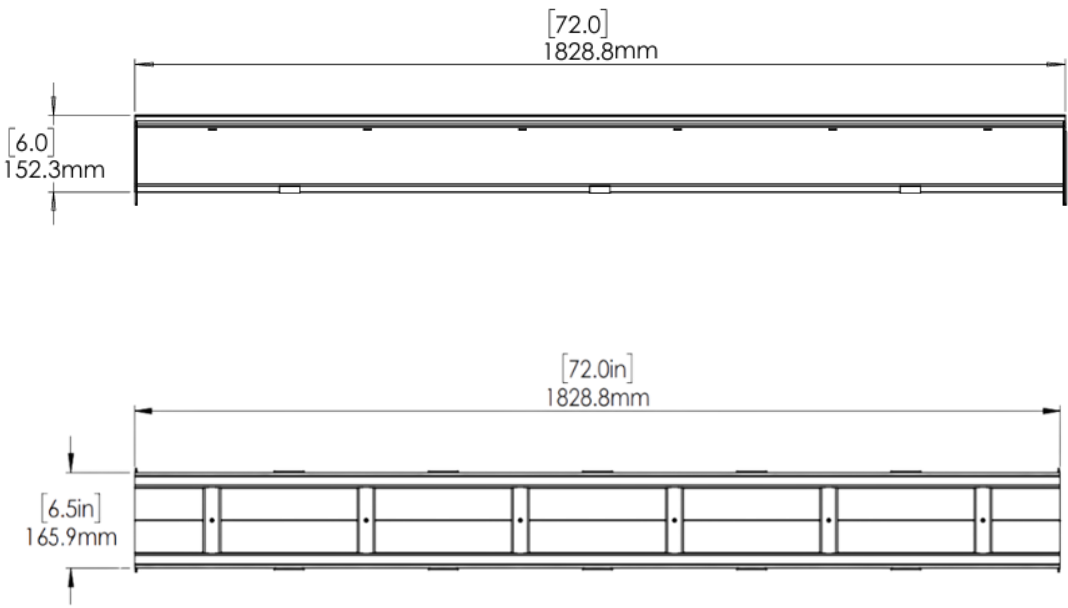
Specify: Sioux Chief Neat Edge Channel 6"/4"; to take 6" wide grating; Grade 304 Stainless Steel; Grating will be Laser Line Grating Type; Load Class B

EN1433 Loading Class B125 (or choose A15 / B125 / C250 / D400)

Our internal channels can be subjected to very heavy loads but must have the correct heavy duty grating to achieve these loads. Suitable for Factories, Leisure Centers & Streetscapes.

Features:

- Level Invert
- All Stainless Grade 304
- 72in & 36in Length as standard
- Versatile
- Many Lengths
- Configurable
- Same Stock
- channel can be used in many industries

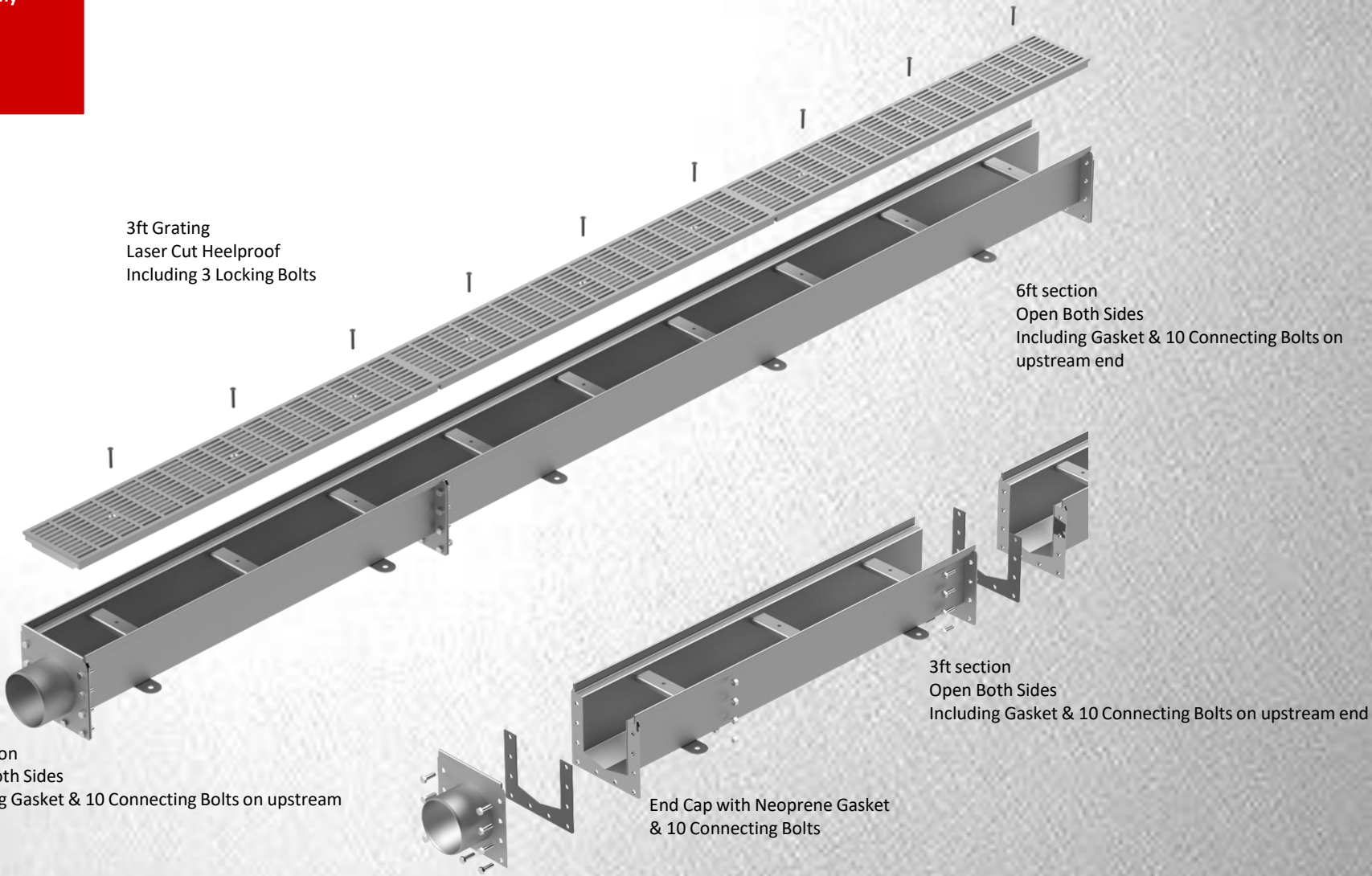


Applications/Industries:



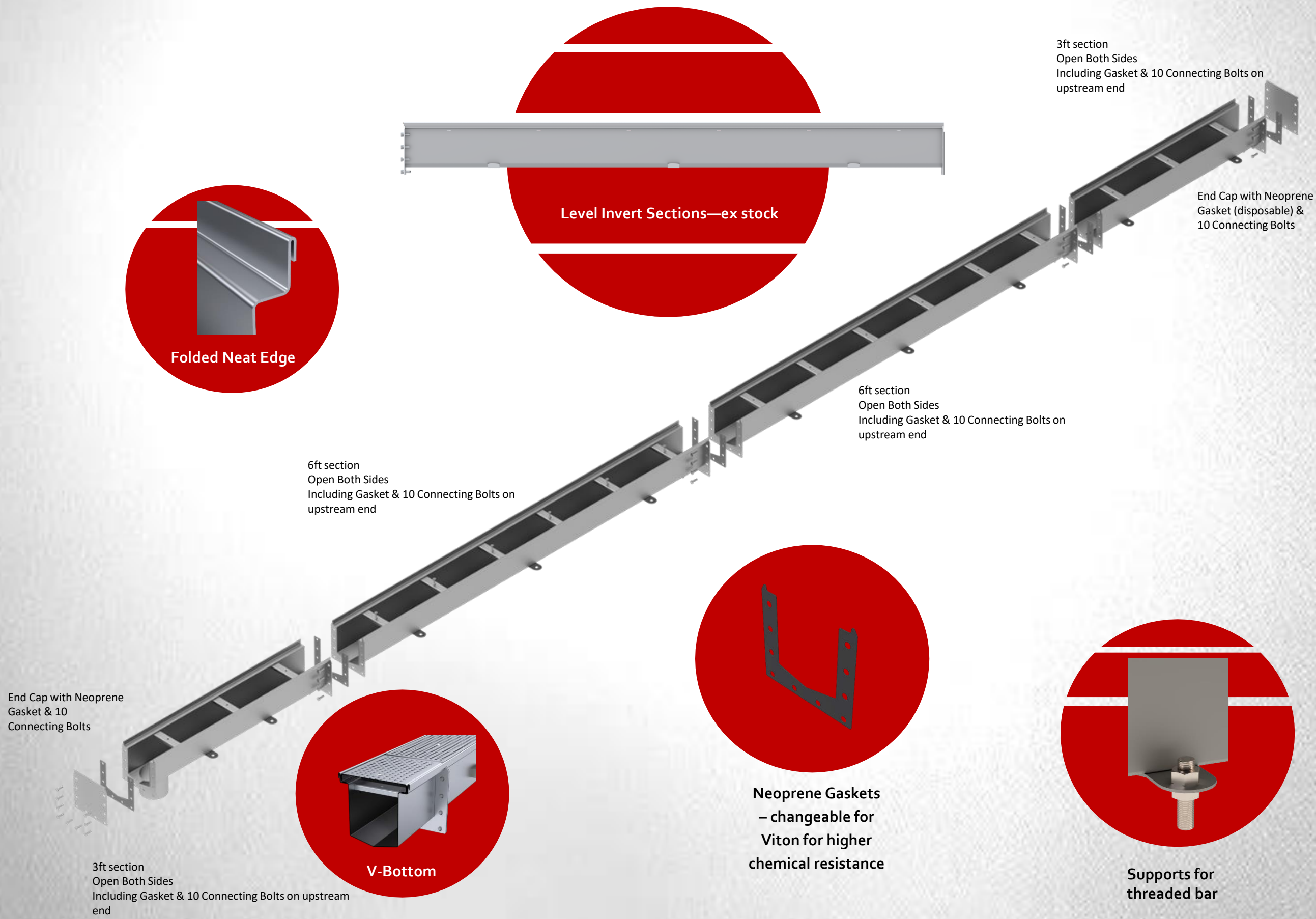
174 US GPM

- Food/ Dairy/ Beverage
- Meat
- Leisure Centers
- Commercial Kitchen
- Urban Streetscapes

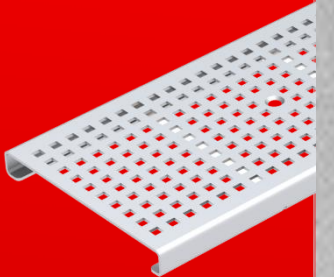


Stocked in Kansas

www.siouxchiefstainless.com

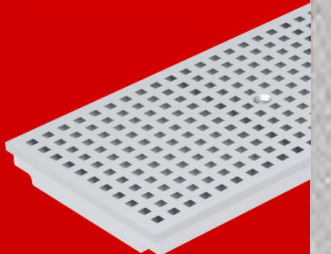


Grating Options



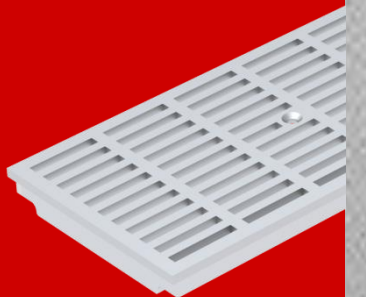
Leisure Centers

- Square Perforated
- ADA Compliant 0.25" opes
- Lockdown
- Load Class A



Food Processing

- Square Perforated
- ADA Compliant 0.25" opes
- Lockdown



Urban Streetscapes

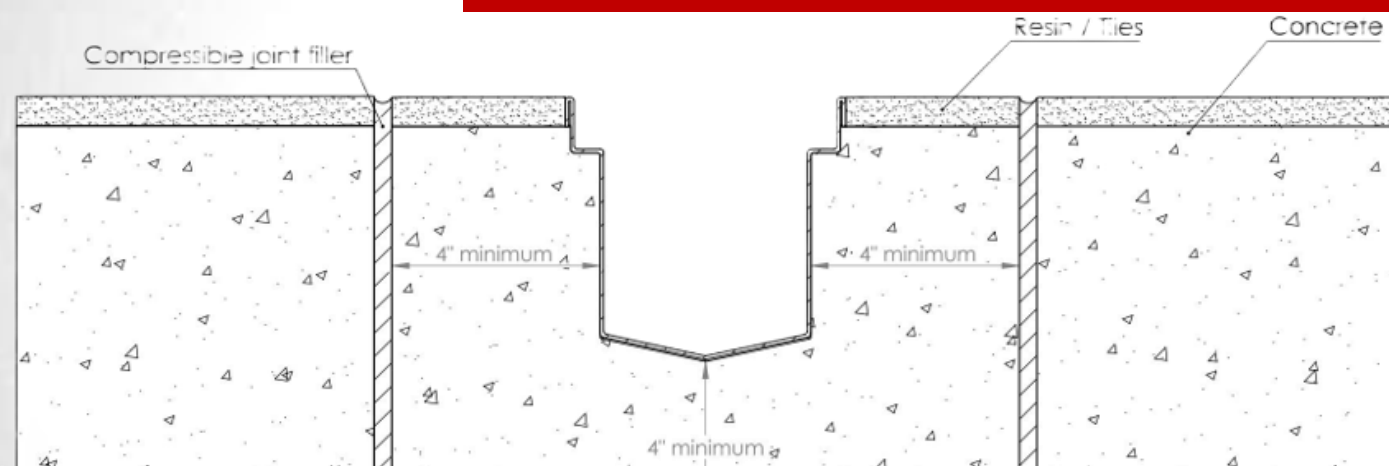
- ADA Compliant 0.25" opes
- Lockdown
- Load Class C



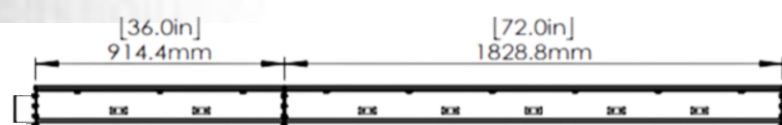


LOADING

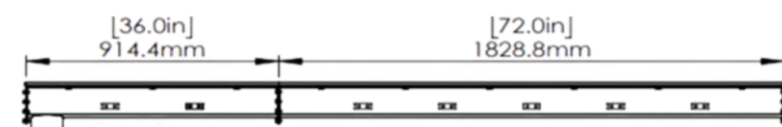
- Consulting Engineer must consider load class required
- Trench Drain must be surrounded by >4" concrete on all 3 sides
- An Expansion Joint is required on each side



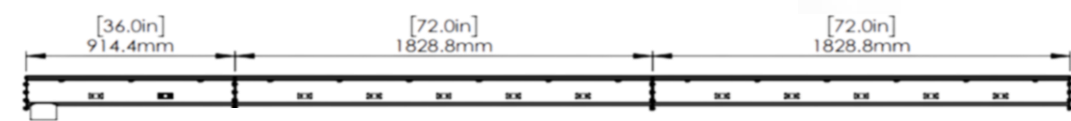
CONFIGURATIONS



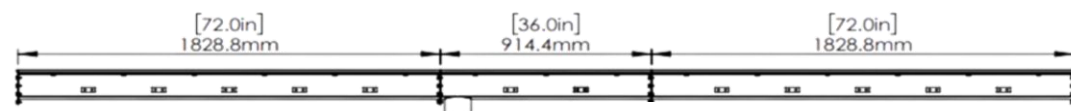
Horizontal Outlet End Cap + 3ft Trench + 6ft Trench + End Cap
= 9ft Trench with 4.3" Horizontal End Outlet



3ft Vertical Outlet Trench + 6ft Trench + End Cap
= 9ft Trench with 4.3" Vertical End Outlet



3ft Vertical Outlet Trench + 6ft Trench
+ 6ft Trench + End Cap
= 15ft Trench with 4.3" Vertical End Outlet



6ft Trench + 3ft Vertical Outlet Trench
+ 6ft Trench + End Cap
= 15ft Trench with 4.3" Vertical Central Outlet

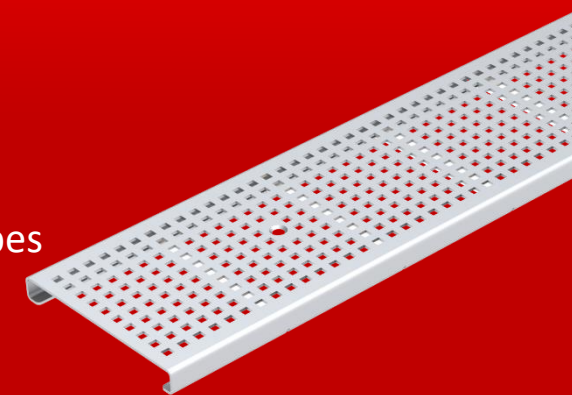


3ft Vertical Outlet Trench + 6ft Trench + 6ft Trench + 3ft Vertical Outlet + End Cap = 18ft Trench with 2 x 4.3" Vertical End Outlets

GRATING OPTIONS

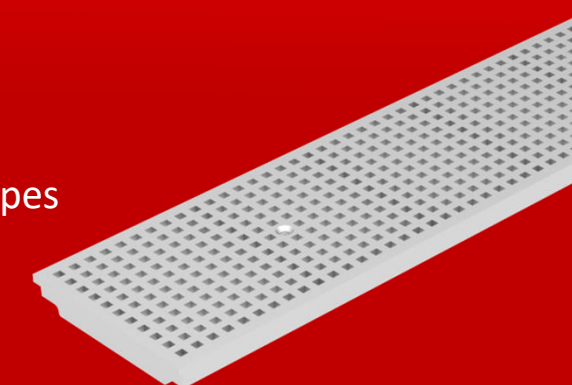
LEISURE CENTRES

- Square Perforated Grating KSPG152 (LD)
- Load Class A
- 304 Stainless Steel
- 12 Gauge (2mm)
- For Pedestrian and Barefoot Traffic
- Heelproof & ADA Compliant with 0.25" opes



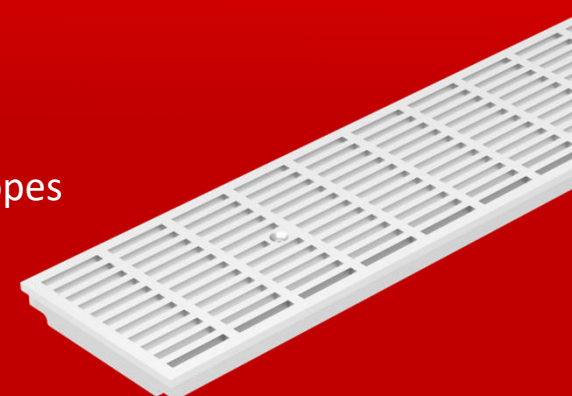
COMMERCIAL KITCHENS

- Square Perforated Grating KSPG152 (HD)
- Load Class C
- 304 Stainless Steel
- ¼" plate
- For Pedestrian and Heavy-Duty Traffic
- Heelproof & ADA Compliant with 0.25" opes
- Wheel load of 40 ton truck slow moving



URBAN STREETSCAPES

- Laser cut Heel-Proof Grating KLLG152 (HD)
- Load Class C
- 304 Stainless Steel
- ¼" plate
- For Pedestrian and Heavy-Duty Traffic
- Heelproof & ADA Compliant with 0.25" opes
- Wheel load of 40 ton truck slow moving



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