

POLYCAST®

TRENCH DRAIN APPLICATIONS

POLYCAST® is the ideal surface drainage solution for a wide range of industries. Durable POLYCAST® systems are currently being used in applications ranging from food processing plants to airport runways. Please refer to the reverse side of this flyer for more ideas on where POLYCAST® can be installed to provide superior surface drainage.

Trench drain is used in many areas so new projects may show trench drain in the sitework plans, landscape drawings, structural (concrete) drawings and/or plumbing/mechanical drawings. Trench drain is often designated with railroad track symbols in the plans. When looking for trench drain in a set of plans, start with the architectural plan view drawing.

Airport Terminals



Food Processing Plants



Car Washes



Transportation

Automotive

Gas Stations — *Used for drains around the fueling island or at the lot entrances to direct wash-down and rainwater to oil/water separators.*

| | |
|------------------|------------------|
| Parking garages | Car rental yards |
| Oil changers | Parking lots |
| Car repair shops | Dealerships |
| Car washes | |

Truck

| | |
|--------------------------|---------------|
| Truck stops | Loading docks |
| Container shipping yards | Truck washes |
| Truck terminals | |

Bus

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|---------------------|-----------------------|
| Bus stations | Bus maintenance yards |
| Bus wash facilities | Parking lots |

Utilities

| | |
|------------------------|--------------------------------------|
| Water treatment plants | Wastewater treatment plants |
| Power plants | Pumping stations, lift stations |
| Cogeneration plants | Hydroelectric, geothermal facilities |

Agriculture

Kennels — *Often with perforated grates or not grates (for cleaning)*

| | |
|-------------------------|--------------------------------|
| Animal shelters | Research facilities |
| Veterinarians/hospitals | Fish hatcheries |
| Dairies | Poultry growers |
| Zoos | Pet stores — dog washing areas |

Food Processing

Supermarkets — *In stockrooms, at coolers/freezers, docks, under produce and refrigerated or frozen food displays, meat departments*

Restaurants — *Kitchens, parking, outdoor dining areas*

Butcher shops

Public / Government

Hospitals — *Parking, landscaping, vehicle maintenance, hazardous materials, loading docks*

Universities — *Parking, public areas, vehicle maintenance, hazardous materials, cafeterias, loading docks*

Casinos — *Public areas, loading docks, parking structures, pools*

Office complexes — *Parking lots/garages, plazas, docks, landscaping*

Schools — *Between modular/relocatable classrooms*

Post offices (loading docks)

| | |
|-------------------|------------------|
| Large plaza areas | Military bases |
| Fire stations | Armories |
| Police stations | Space facilities |

Housing

Developments — *Planter areas, street environments*

Community centers — *Parking, pools, golf, tennis*

Apartment buildings — *parking, garages, plaza, patios, pools*

Airports

| | |
|--------------------------|---------------------------|
| Terminal buildings | Taxiways |
| Pedestrian islands | Fueling islands |
| Passenger pick-up areas | Airport maintenance yards |
| Baggage areas | Cargo terminals |
| Car rental facilities | Loading docks |
| Maintenance hanger areas | Parking lots |
| Paint shops | |

Rail

Railroad maintenance centers — *Especially used in pits*

Fueling areas

Transloading areas

Wash down/graffiti removal areas

Rail stations — *Platforms/buildings/parking lots*

Highways / Roadways

Tunnels — *Especially alongside traffic lanes*

Agricultural inspection stations

| | |
|-------------------|------------------|
| Weigh stations | Border crossings |
| Rest areas | Toll areas |
| Railroad crossing | Bridges |

Industry

All have docks, hazardous storage, parking, some vehicle maintenance (forklifts), public plazas

Storage areas around tanks and drum storage

Beverage plants — *soda, beer, juice, bottled water*

| | |
|---------------------------------|-------------------------|
| Oil refineries | Food processing plants |
| Secondary containment | Meat packing plants |
| Chemical processing plants | Pulp & paper plants |
| Chemical loading/transfer areas | Textile plants |
| Wineries | Recycling facilities |
| Dairies | Trash transfer stations |
| Hazardous storage areas | Mining |
| Computer/electronics | Lawn and garden centers |

Recreational

Amusement parks — *parking, public areas, bleachers, landscaping, pools, along walkways*

Bleachers — *perforated grates*

Baseball field — *behind backstops, in front of dugouts*

| | |
|-------------------------|----------------|
| Arenas and stadiums | Running tracks |
| Swimming pools | Sports fields |
| Locker rooms and shower | Tennis courts |



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