

Delivering Reliability

Inlets & Catch Basins



Water-Conveyance & Drainage

Environmentally Responsible

All of our products are produced in a controlled environment helping us maintain the high standards implemented by Oldcastle Precast. Many of our products are specifically designed to protect and improve the environment. We're always looking for new ways to minimize waste, increase recycling, improve energy management and use eco-friendly materials.

The structural notes below are for standard models. We can design products to meet other specifications.

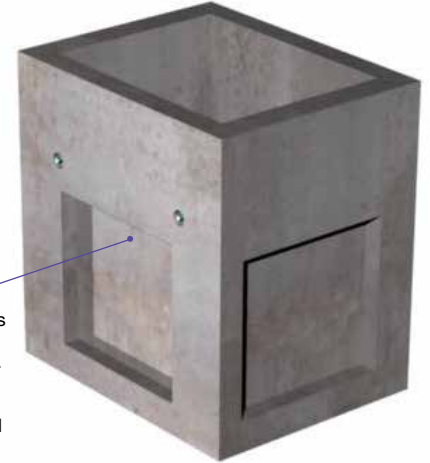
1. Concrete	5000psi (35 Mpa) @ 28 days.
2. Rebar	ASTM A 615 grade 60 rebar.
3. Mesh	Welded Wire Fabric ASTM A185 grade 65
4. Design	Building Code Requirements for Reinforced Concrete (ACI 318-99) including all referenced standards and specifications. AASHTO "Standard Specifications for Highway Bridges" - 16th edition.
5. Loads	<p>Dead Load: Concrete - 150 PCF Earth Cover - 120 PCF</p> <p>Lateral Earth Pressure on walls: Equivalent Fluid pressure above water table + 39.6 PSF per foot of depth. Equivalent Fluid pressure below water table + 81.4 PSF per foot of depth. Surcharge on walls + 2 feet of earth cover</p> <p>Live Load: AASHTO HS20-44 32,000 lbs. rear axle loading</p>

We can provide drawings and calculations stamped by a Professional Engineer.



Knockouts

During the casting process, a partially recessed shape is "Cast In" to the concrete leaving a wall that can be broken on site to create the desired opening shape or size.



KNOCK-OUTS

- Round or Rectangular Knock-Outs offered in multiple locations to provide access for pipes required.
- Hole Size & Location Can Vary
- Easily broken with a hammer to create desired opening shape and size.

Blockouts

During the casting process, a shaped opening is "Cast In" to the concrete leaving a hole specific access opening for Pipe or Box Culvert.



BLOCK-OUTS

- Round or Rectangular Cast In openings offered in multiple locations to provide access for pipes.
- Opening Size & Location Can Vary

Catch Basins

Oldcastle Precast Inlets & Catch Basins are designed to be used as an alternative to poured-in-place or masonry structures. These products are built to meet all local and state standards and are a fast, effective and cost-efficient way to speed up a project.

Catch Basins 12'x12' to 36'x36'

FRAME & GRATE

- Square Frame & Grate
- Cast Iron

BOTTOM/RISER SECTIONS

- Designed For AASHTO HS-20 LOADING
- Designed According To ASTM C913
- Bases Are Available with Flat Top or Joint Keyway.
- Bases & Risers Available in a Variety of Heights

KNOCK-OUTS/BLOCKOUTS

- Round or Rectangular Knock-Outs offered in multiple locations to provide access for pipes as required.
- Hole Size & Location Can Vary
- Pipe specific Blockouts available if required



Catch Basins 48'x48'



FRAME & GRATE

- 2-Piece Frame & Grate
- Cast Iron

BOTTOM/RISER SECTIONS

- Designed For AASHTO HS-20 LOADING
- Designed According To ASTM C913
- Bases Are Available with Flat Top or Joint Keyway
- Bases & Risers Available in a Variety of Heights

KNOCK-OUTS/BLOCKOUTS

- Round or Rectangular Knock-Outs offered in multiple locations to provide access for pipes as required
- Hole Size & Location Can Vary
- Pipe specific Blockouts available if required

*Inlets & Catch Basins are available in a variety of standard and custom sizes to suit virtually any application.

Area Inlets

Area Inlets are rated for both traffic and pedestrian applications.

Type "A" Area Inlet

FRAME & GRATE

- Type "A" Frame & Grate
- Cast Iron

BOTTOM/RISER SECTIONS

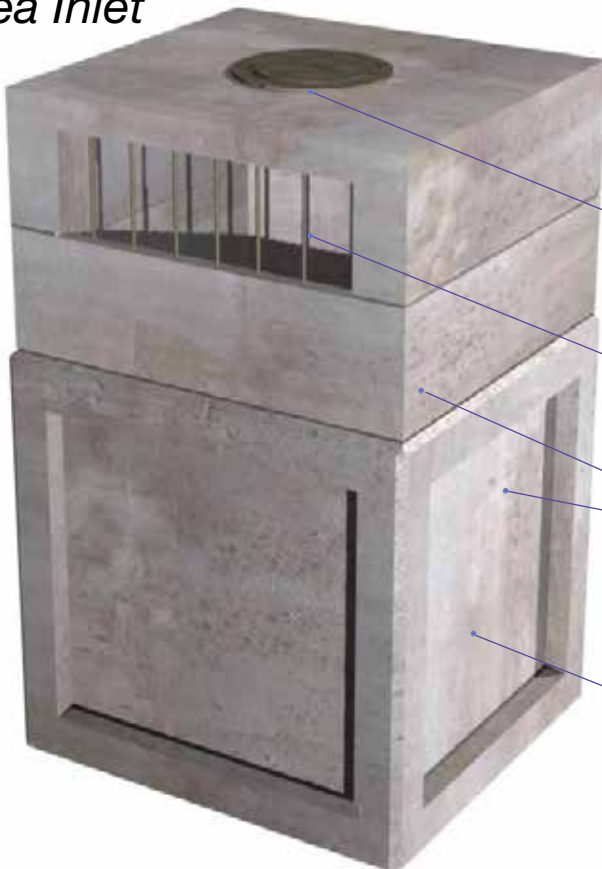
- Designed For AASHTO HS-20 LOADING
- Designed According To ASTM C913
- Bases Are Available with Flat Top or Joint Keyway.
- Bases & Risers Available in a Variety of Heights

KNOCK-OUTS/BLOCKOUTS

- Round or Rectangular Knock-Outs offered in multiple locations to provide access for pipes as required.
- Hole Size & Location Can Vary
- Pipe specific Blockouts available if required



Type "E" Area Inlet



MANHOLE RING/COVER

- Cast Iron

REBAR DOWEL

- Standard Finish

BOTTOM/RISER SECTIONS

- Designed For AASHTO HS-20 LOADING
- Designed According To ASTM C913
- Bases Are Available with Flat Top or Joint Keyway.
- Bases & Risers Available in a Variety of Heights

KNOCK-OUTS/BLOCKOUTS

- Round or Rectangular Knock-Outs offered in multiple locations to provide access for pipes as required.
- Hole Size & Location Can Vary
- Pipe specific Blockouts available if required

*Inlets & Catch Basins are available in a variety of standard and custom sizes to suit virtually any application.

Curb Inlets

Curb Inlets are typically used in Residential and City/County Applications for street drainage.

Type "BB" Curb Inlet

TOP SECTION

FRAME & GRATE

- Double Frame & Grate
- Cast Iron

MID RISER

- Embedded "I" Beam

BASE/RISER SECTIONS

- Designed For AASHTO HS-20 LOADING
- Designed According To ASTM C913
- Bases Are Available with Flat Top or Joint Keyway.
- Bases & Risers Available in a Variety of Heights

KNOCK-OUTS/BLOCKOUTS

- Round or Rectangular Knock-Outs offered in multiple locations to provide access for pipes as required.
- Hole Size & Location Can Vary
- Pipe specific Blockouts available if required



Curb Inlet



TOP SECTION

- Designed For AASHTO HS-20 LOADING

MANHOLE RING/COVER

- Cast Iron

THROAT RISER SECTION

- Designed For AASHTO HS-20 LOADING
- Risers Available in a Variety of Heights

VARIABLE RISER SECTION

- Designed For AASHTO HS-20 LOADING
- Risers Available in a Variety of Heights

KNOCK-OUTS/BLOCKOUTS

- Round or Rectangular Knock-Outs offered in multiple locations to provide access for pipes as required.
- Hole Size & Location Can Vary
- Pipe specific Blockouts available if required

BOTTOM SECTION

- Designed For AASHTO HS-20 LOADING
- Designed According To ASTM C913
- Bases Are Available with Flat Top or Joint Keyway.
- Bases Available in a Variety of Heights
- Various exterior finishes available as required
- See catalog for variable sizes and curb extension

*Inlets & Catch Basins are available in a variety of standard and custom sizes to suit virtually any application.

DOT Inlets

DOT Inlets are manufactured in accordance with DOT standards and are typically used in street and roadway applications.

Type DOT "AD"

HIGHWAY GRATE

- All Ring & Covers are HS-20 Rated
- Grate options available

TYPE "AD" TOP

BOTTOM/RISER SECTIONS

- 8" Walls and Floor
- Bases & Risers Available in a Variety of Heights.

BLOCKOUTS

- Round or Rectangular Block-Outs offered in multiple locations to provide access for pipes as required.
- Hole Size & Location Can Vary
- Pipe specific Blockouts available if required



Type TXDOT "C"



TOP SECTION

- Designed For AASHTO HS-20 LOADING

MANHOLE RING/COVER

- Cast Iron

THROAT RISER SECTION

- Designed For AASHTO HS-20 LOADING
- Risers Available in a Variety of Heights

BLOCKOUTS

- Round or Rectangular Block-Outs offered in multiple locations to provide access for pipes as required.
- Hole Size & Location Can Vary
- Pipe specific Blockouts available if required

BOTTOM SECTION

- Designed For AASHTO HS-20 LOADING
- Designed According To ASTM C913
- Bases Available in a Variety of Heights
- Various exterior finishes available as required
- See catalog for variable sizes and curb extension options

*Inlets & Catch Basins are available in a variety of standard and custom sizes to suit virtually any application.

Frames & Grates



Highway Grate
Weight: Varies Finish: Cast Iron



Standard CB Frame & Grate
Weight: Varies Finish: Cast Iron



Type "B" Frame & Grate
Weight: Varies Finish: Cast Iron



Type "A" Frame & Grate
Weight: Varies Finish: Cast Iron



Angle Iron Grate
Weight: Varies Finish: Galvanized Metal



Structural Steel Frame & Grate
Weight: Varies Finish: Galvanized Metal

*Frames & Grates are available in a variety of standard or custom shapes and sizes to suit virtually any application.

oldcastleprecast.com

Delivering Reliability



Oldcastle Precast is the leading manufacturer of precast concrete, polymer concrete and plastic products in the United States. With a nationwide network of facilities our products are always close at hand. Our employees are committed to upholding core values of reliability, quality and service in revolutionary ways. Our attention to detail exceeds the expectations of customers from some of the largest companies in the U.S., across a spectrum of industries.

888.965.3227

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