**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 |
| 5. Loads          | Dead Load: Concrete - 150 PCF Earth Cover - 120 PCF |
|                   | 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 |
|                   | Live Load: AASHTO HS20-44 32,000 lbs. rear axle loading |

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

Please call **888.965.3227** to speak with a solution specialist.
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**

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

**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/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

**FRAME & GRATE**
- 2-Piece Frame & Grate
- Cast Iron
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.

Please call 888.965.3227 to speak with a solution specialist.
Curb Inlets

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

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

**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.

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

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**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

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**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

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

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Please call **888.965.3227** to speak with a solution specialist.
Frames & Grates

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