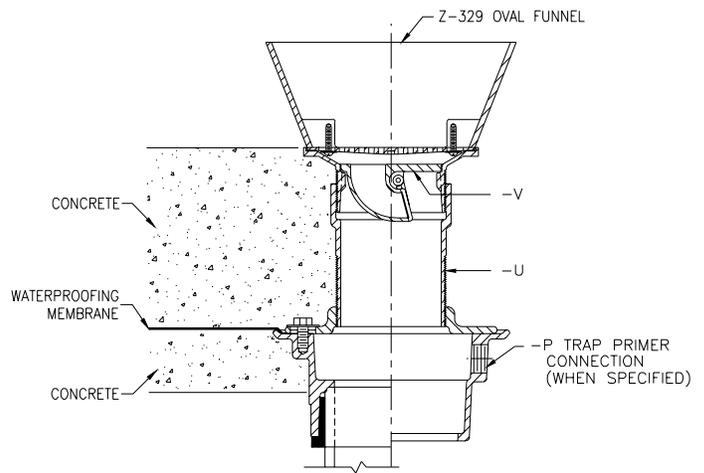


## TYPICAL APPLICATIONS

### Z415-U-V with Type "B" with Z329 Oval Funnel

The Z415 Adjustable Floor and Shower Drain is one of Zurn's most versatile drains. Drain is illustrated with adjustable strainer extension (-U), backwater valve (-V), and "Type B" top with Z329 oval funnel. Regularly furnished with an invertible clamping collar and adjustable head assembly which allows maximum adjustability.

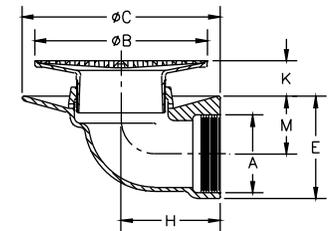
For other available strainer variations, see the Z400 series.



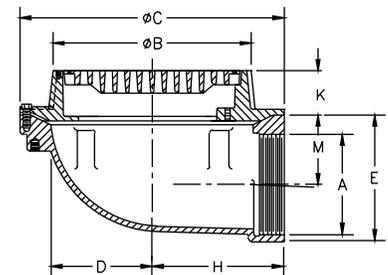
### Z415-90, Z508-90, Z541-90

Typifies a Zurn floor drain with a 90° side outlet. Drains of this type are designed for applications which require horizontal piping where depth is a problem. The (-90) 90° side outlet option is available on various types of Zurn floor drains. See chart below for dimensional data.

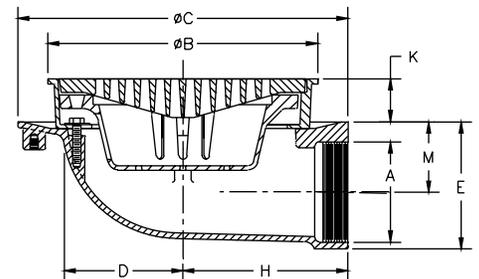
Z415-90 Illustrated



Z508-90 Illustrated



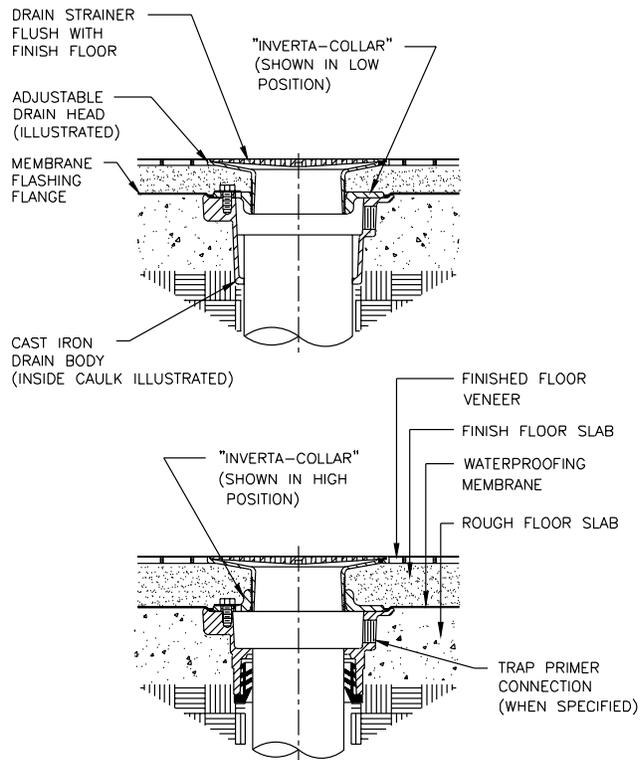
Z541-90 Illustrated



Product No.	Dimensions in Inches							
	A	B	C	D	E	H	K	M
Z415-90	2	6	9	-	4-3/8	4-1/2	1 Min	3-1/2
	3	7	9	-	4-3/8	4-1/2	2 Max	2-1/2
Z505-90	2	12-1/4	15	5-1/2	5-3/4	7-1/2	2	4-1/8
Z509-90	3	12-1/4	15	5-1/2	5-3/4	7-1/2	2	3-5/8
Z512-90	4	12-1/4	15	5-1/2	5-3/4	7-1/2	2	4-3/4
Z540-90	5	12-1/4	15	5-7/8	7-7/8	7-1/2	2	4-3/4
Z541-90	6	12-1/4	15	5-7/8	7-7/8	7-1/2	2	4-1/4
Z610-90								4-1/4
Z508-90	2	9	12	4-3/4	5-3/4	6	2	4-1/8
Z550-90	3	9	12	4-3/4	5-3/4	6	2	3-5/8
Z554-90	4	9	12	4-3/4	5-3/4	6	2	3-1/8
Z555-90	5	9	12	4-3/4	6-3/4	6-1/2	2	3-5/8

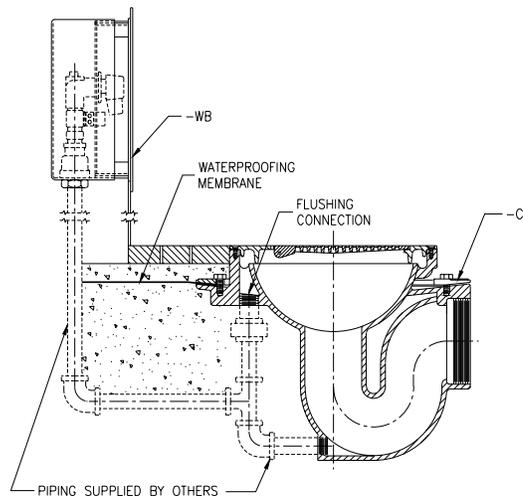
## TYPICAL APPLICATIONS

A typical Zurn Floor Drain (See Z415 illustrated at right) can be installed in most floor construction. The drain pipe is run to an elevation below the expected finished floor level, so that the drain top will be flush with (or slightly below) the finished floor. Dimensional data for all drain heights and outlet types are shown in this Technical Information Guide and Zurn Submittal Drawings. The drain body is secured to the pipe with any of four connections – threaded, no-hub, inside caulk, or the Zurn Neo-Loc. The type of connection should be specified upon ordering any Zurn drain. Once the drain is set in place, the initial concrete subfloor is poured to an elevation level with the top flange of the drain body. The waterproofing membrane is run up to and over the flange. The clamping collar is placed on the drain and secured. The strainer is then screwed into the clamping collar and finished floor is poured to finished grade. Note the Z415 collar can be used on either side to change the total adjustment of the head elevation (for example 1/2"-1-5/8" on one side, 1-3/8"-2-3/8" on the other). Also, care should be taken to protect the top finish during installation through the use of cardboard, tape, or other protective material applied by the plumber.



### Z300-C-WB

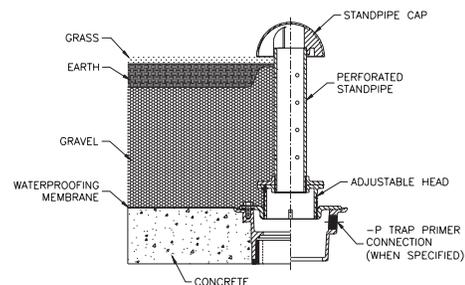
Thoroflush Drain is designed for use in areas where frequent flushing and cleanliness is required. Drain is illustrated with clamping collar (-C) and water supply control box (-WB). The Z300 is also available with a loose set grate (-LG) or integral grate (-IG) if desired.



### Z350

Planting Area Drains are ideally suited for indoor atrium areas, outdoor roof top promenade deck areas, and ground level planting areas where excess water must be drained. Perforated standpipe should be encased in gravel to allow adequate percolation.

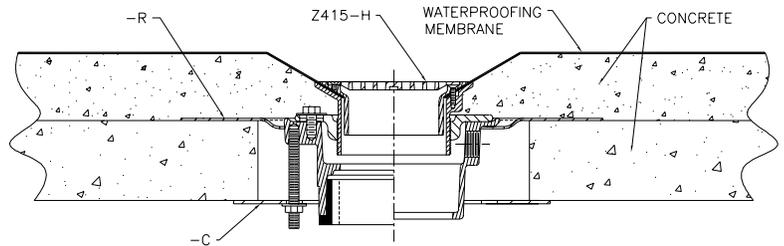
For other available Planting Area Drains, see Z348, Z349, and Z352.



## TYPICAL APPLICATIONS

### Z415-C-R with Type 'H' Strainer

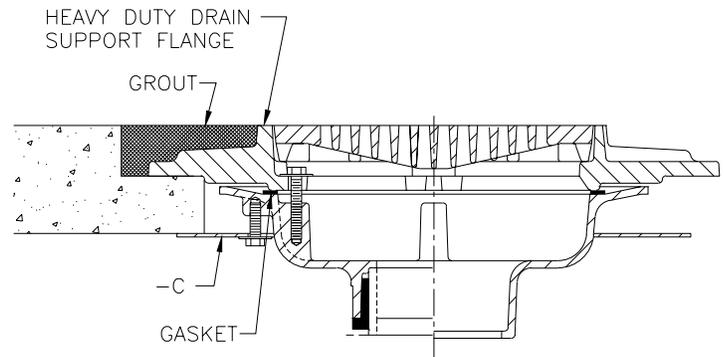
6" or 9" top floor and shower drain installed in concrete floor with underdeck clamp (-C) and sump receiver (-R). Type 'H' Strainer is used to clamp membrane at top surface of finished floor structure.



### Z534-C

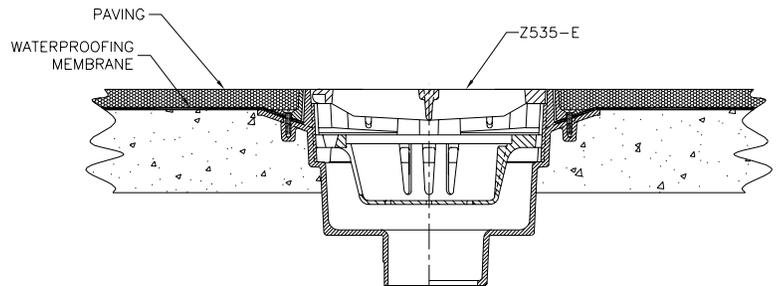
Parking Deck Drains are designed for economical installation in precast construction. Wide heavy-duty flange allows shallow core drilling or boxing out and maximum strength at load bearing surface. Heavy-duty non-tilt grate is standard and underdeck clamp (-C) is available to securely fasten drain body to deck from underside.

For other available Parking Deck Drains, see Z533, Z535, Z536, and Z537.



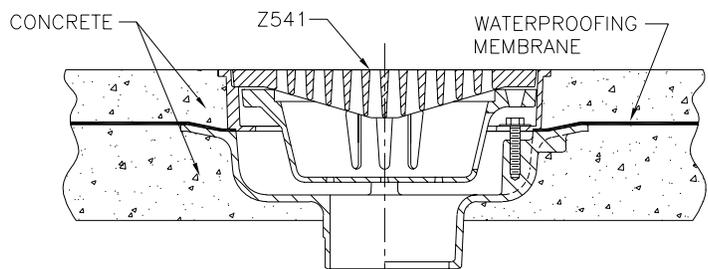
### Z535-E

Heavy-duty parking structure drain illustrated with top extension section (-E) installed in a concrete slab with waterproofing membrane and top pavement surface.



### Z541

12" diameter heavy-duty drain with suspended sediment bucket installed in a multiple poured concrete slab with waterproofing membrane secured with combination flashing clamp and frame.

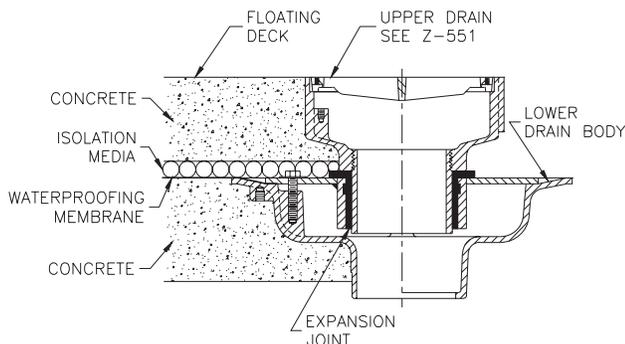


## TYPICAL APPLICATIONS

### Z624

Isolation Drains are designed for areas where building construction requires the drain to function in a floor structure which is independent of the concrete sub-structure. Construction of this nature is typical to mechanical equipment rooms, studios, music rooms, computer rooms and laboratories.

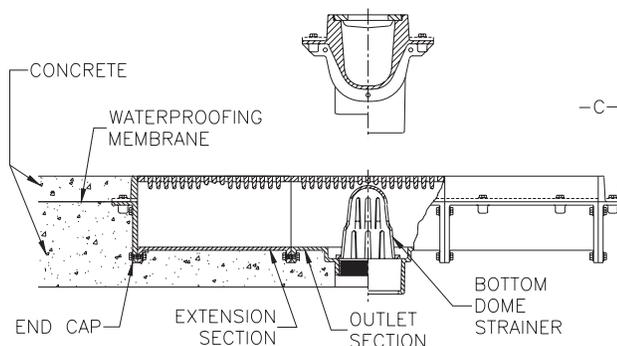
For other available Isolation Drains or Cleanouts, see Z625, Z626, and Z627.



### Z664-C

Extra-heavy-duty modular trench drain is illustrated with bottom dome strainer and clamping collar (-C). This drain is used in areas where single drainage units are not practical. For example, where inclined or sloped surfaces require drainage across a wide area. The Z664 is also suited for vehicular traffic applications and grating may be ordered in ductile iron when greater load requirements are desired. Outlet and extension modules should be ordered in 12" increments, and it is advisable that one outlet be used for each 8-foot section of drain.

For other available trench drains, see Z665 and Z667.



### Z730-V

9" top medium-duty drain is installed in a concrete slab. The Z730 offers an integral trap, no-hub side outlet and a floor level cleanout as standard. Drain is illustrated with flapper type backwater valve (-V) to resist backflow.

