

# ON-GRADE ADJUSTABLE FLOOR DRAIN

842 series

## SPECIFICATION

Sioux Chief 842 Series adjustable floor drain shall be used where necessary in drainage systems. Floor drain shall have a Sch. 40 hub connection, which conforms to ASTM D2665 (PVC) or D2661 (ABS). Connection to drainage system shall be made with a solvent weld joint to ABS/PVC pipe. Strainer of floor drain shall fasten into female threaded brass inserts. Strainer shall meet applicable load requirements for intended use. Trap primer port shall be threaded 1/2" FIP for knockout connection.

## MATERIALS

ring/strainer: cast iron  
 top housing: ABS with threaded brass inserts  
 adapter body: ABS or PVC

## STRAINER LOAD RATING

cast iron strainer: 7,500 lbs. (heavy duty)

## STRAINER FREE-AREA

2" drain	6.81 in <sup>2</sup>
3" drain (standard top)	6.81 in <sup>2</sup>
3" drain (large top)	9.58 in <sup>2</sup>
4" drain	9.58 in <sup>2</sup>

## DIMENSIONS

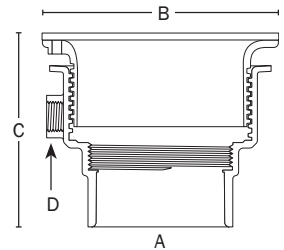
A: connection size	2" x 3", 3" x 4", or 4" Sch. 40 hub *
B: top diameter	
2" drain	6 1/8"
3" drain (standard top)	6 1/8"
3" drain (large top)	6 5/8"
4" drain	6 5/8"
C: overall height	
2" drain	4 3/4" - 5 1/2"
3" drain (standard top)	4 3/4" - 5 1/2"
3" drain (large top)	5 1/2" - 6 5/8"
4" drain	5 3/4" - 6 7/8"
D: trap primer port	1/2" FIP thread for knockout connection

\* Adapters fit over 2"/inside 3" pipe, or over 3"/inside 4" pipe

Item # Submitted _____
Job Name _____
Location _____
Engineer _____
Contractor _____
PO# _____ TAG _____



842-36Pi



Create Item Number

**842- A B**

e.g. 842-36Pi = 3" PVC drain with large top round cast iron strainer and ring

### A CONNECTION

- 2 2" Sch. 40 hub
- 3 3" Sch. 40 hub (standard top)
- 36 3" Sch. 40 hub (large top)
- 4 4" Sch. 40 hub

### B ADAPTER

- Ai ABS adapter
- Pi PVC adapter

### ACCESSORIES

- 863-FA aluminum condensate funnel
  - 863-FN nickel condensate funnel
  - 863-FNO oval nickel condensate funnel
  - 842-UM 4 5/8" stainless steel sediment screen <sup>1</sup>
- 1 use with 842-4\_ or 842-36\_ only