

ProSet Systems Inc.

Poured In Place Sleeves

COPPER, STEEL, CAST IRON, PVC

The following is a interactive submittal pack. Just click on the detail drawing below to see the product information you need.

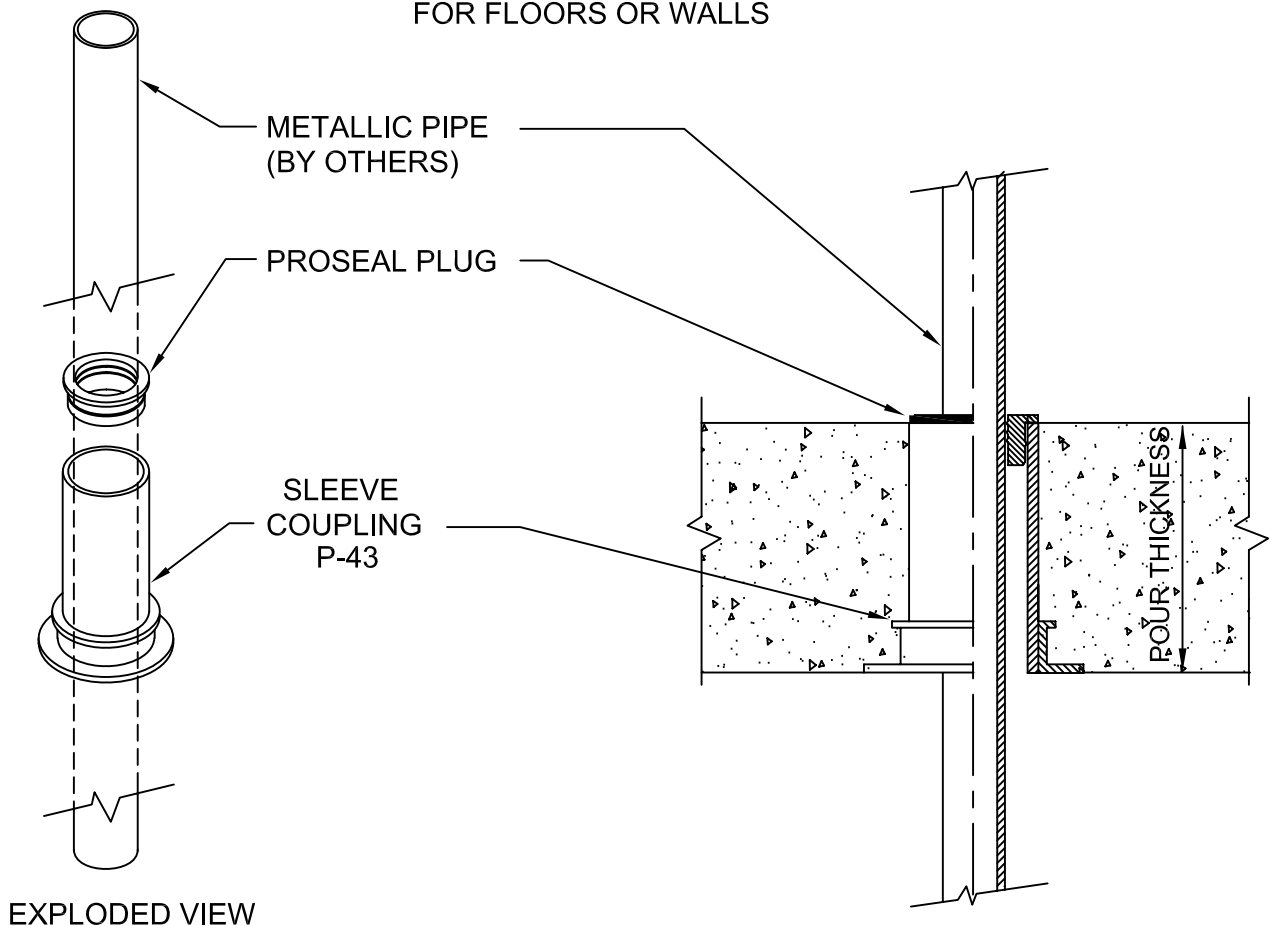
If you should have any questions please contact our sales office for more information.

S.P.S. Sales, LLC. (702) 241-5692

Type Of Pipe PENETRATION	SIZE	SPEC. SHEET	LIST PRICE SHEET	FIRE RATING
COPPER & STEEL	1/2" TO 11/2"	A-1010-A	A-1010-AP	PHV-120-03
COP, STL, CI.	2" TO 6"	A-1014-A	A-1014-AP	PHV-180-01
INSULATED LINES	1/2" TO 6"	A-1004-A	A1004-AP	PHV-180-02
CI / STACK STUB	2" TO 6"	B-4803-A	B-4803-AP	PH-120-01
PVC-DWV	2" TO 4"	C-9049-A	C9049-AP	PHV-180-03
PVC -DWV	5" & 6"	C-9049-A6	C-9049-A6P	PH-120-16
WATER CLOSET / CI	3" & 4"	B-4402-A	B-4402-AP	PH-120-13
WATER CLOSET / PVC	3" & 4"	C-4402-A	C-4402-AP	PH-120-15
BATHTUB WASTE / CI	1 1/2"	B-6210-A	B6210-AP	PH-120-02
BATHTUB WASTE / PVC	1 1/2"	C-6212-A	C6212-AP	PH120-17
SHR - FD / DRAIN / CI	2" & 3"	B-6320-A	B6320-AP	PH-120-02
SHR - FD / DRAIN / PVC	2" & 3"	C-6330-AB	C-6330-ABP	PH-120-07
HD / FLOOR DRAIN CI & PVC	3" & 4"	B6510X-A	B-6510X-AP	PH-120-02
ROOF DRAIN CI & PVC	3" X 4"	B-6700-A	B-6700-AP	PH-120-02
F.R. WASHER BOX ICE MAKER BOX	2"	C-8119-F	C-8119-FP	PV-120-08
3" & 4" SOVENT STACK PENETRATION	3" & 4"	B-4813-AS	B-4813-ASP	PH-120-01
PLANTER DRAIN STUB	2" TO 4"	C-6400-AR	C-6400-ARP	N/A
DECK DRAIN GREEN ROOF	2" TO 4"	C-6500-AR	C-6500-ARP	N/A

PROSEAL PLUG DEVICE

CONCRETE ON WOOD FORM
FOR FLOORS OR WALLS



IMPORTANT NOTES :

1. Use nails through flange holes to mount the sleeve coupling to the deck.
2. After concrete is poured, remove protective cap.
3. Insert pass through piping up through the sleeve coupling.
4. Install the proper size split ProSeal Plug around the pipe & drive in from the top side.
5. Use two ProSeal plugs for wall installation.

Important: See drawing A-1010-AC or ACR for waterproofing



W.H. Directory Reference 99 Edition
Firestop Device
W.H. Design No. PS/PHV 120-03
F Rating 2 Hrs. or 3 Hrs or 4 Hrs



PROSET[®]
SYSTEMS
FIRESTOP PENETRATOR™

DATE :

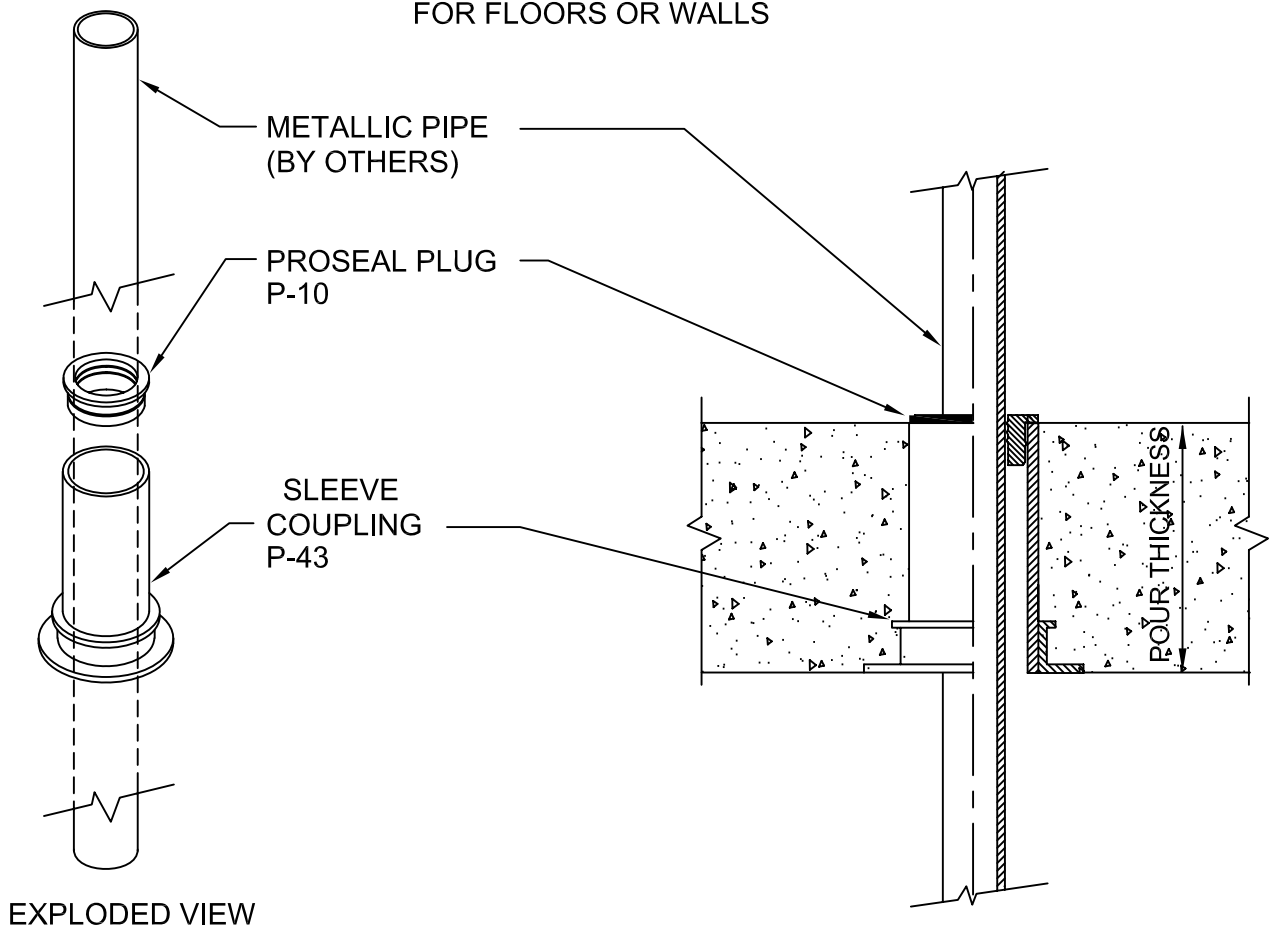
1-10-06

DRG . NO .

A-1010-A

PROSEAL PLUG DEVICE

CONCRETE ON WOOD FORM
FOR FLOORS OR WALLS



EXPLODED VIEW

Size	Part No.	Description	Price	Unit Total
½"	P2543H-G	Sleeve Coupling	5.90	8.00
	C20012	2"x½" ProSeal Plug	2.10	
¾"	P2543H-G	Sleeve Coupling	5.90	8.00
	C20034	2"x¾" ProSeal Plug	2.10	
1"	P2543H-G	Sleeve Coupling	5.90	8.00
	C20100	2"x1" ProSeal Plug	2.10	
1¼"	P2543H-G	Sleeve Coupling	5.90	8.00
	C20114	2"x1¼" ProSeal Plug	2.10	
1½"	P2543H-G	Sleeve Coupling	5.90	8.00
	C20112	2"x1½" ProSeal Plug	2.10	



W.H. Directory Reference 99 Edition
Firestop Device
W.H. Design No. PS/PHV 120-03
F Rating 2 Hrs. or 3 Hrs. or 4 Hrs



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FIRESTOP PENETRATOR™

DATE :
1-10-06
DRG. NO. :
A-1010-A

FIRESTOP SYSTEMS

ProSet Systems, Inc.

1355 Capital Circle Lawrenceville, GA 30043-5866 U.S.A.

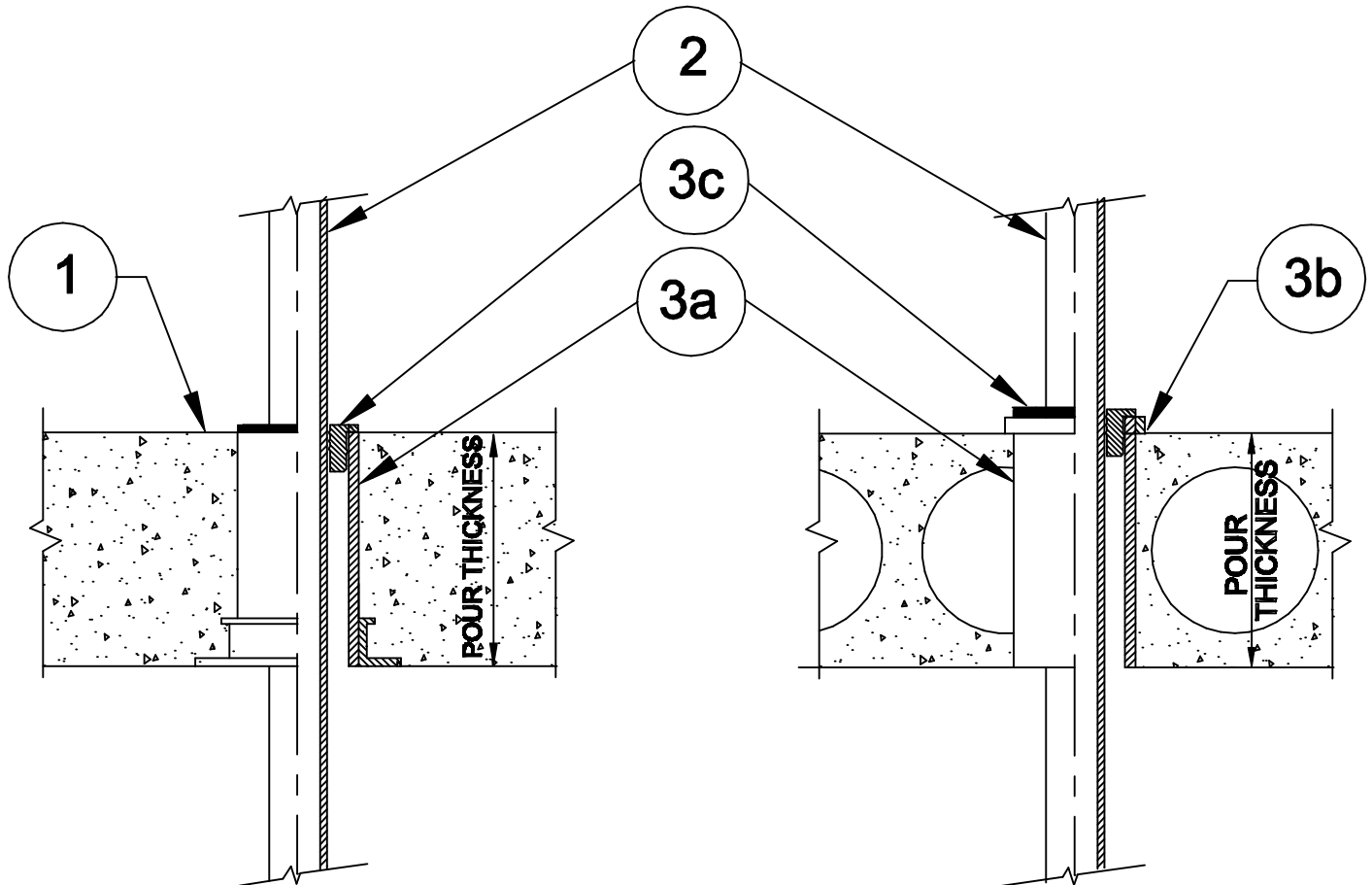
Design No. PS/PHV 120-03

Horizontal (Floor), Vertical (wall) - See item 1.

Ratings: ASTM E-814 - 2 Hrs. (F), 0 Hrs. (T)

CAN/ULC-S115 - 2 Hrs. (F/FH), 0 Hrs. (FT/FTH)

Test Pressure Differential - 2.5 Pa (0.01 in. of Water) Minimum



1. Floor: Minimum 4-1/2" thick normal density concrete slab or 7-1/2" thick hollowcore precast concrete floor units. Fluted decks with 2-1/2" concrete slab, rating is 1Hr F/FH

Wall: Minimum 6" thick normal density concrete slab.

2. Pipe Materials & Pipe Support:

Pressure piping, copper, metallic tubing wall thickness', maximum diameter 1 1/2".

Vertical pass through pipe can be supported by the ProSeal Plug firestop device.

3. Firestop System Components:

3a. ProSet PVC Coupling*, cast-in-place, or Cored Hole Coupling*.

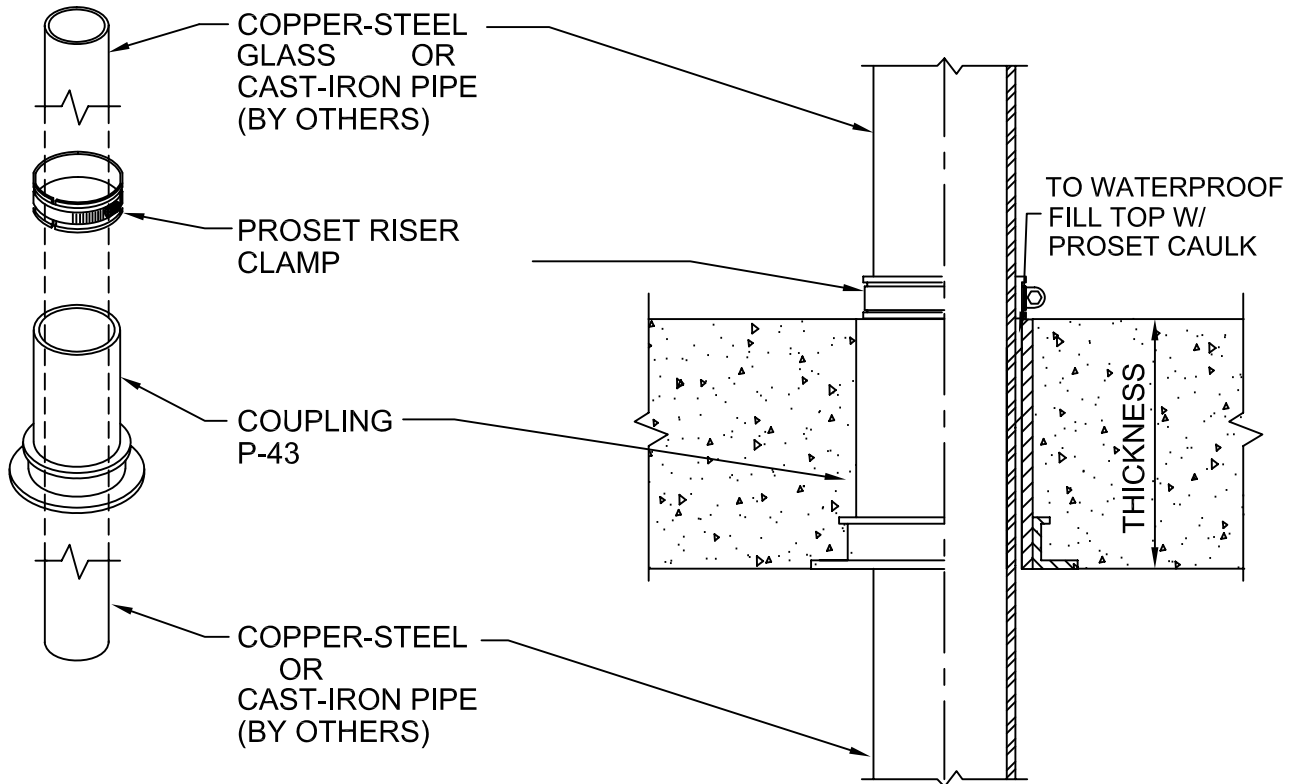
3b. (Optional) ProSet Waterproofing Caulk PS 35.

3c. ProSet "Black ProSeal Plug" installed at top of coupling only for floors and on both sides of coupling for walls.

*** Component Bearing the Warnock Hersey International Certification Mark.**

RISER CLAMP DEVICE

CONCRETE ON WOOD FORM
FOR FLOORS OR WALLS



IMPORTANT NOTES :

1. Use nails through flange holes to mount the coupling to deck.
2. After the concrete pour, remove protective cap.
3. Insert the copper, c.i., glass or steel pipe through the coupling.
4. Fill void at top with ProSet caulking to waterproof.
5. Install riser clamp around pipe to support and draft stop. Clamp on both sides for walls.
6. When ordering riser clamp-Use suffix CU for copper-CI for cast iron or S for glass & steel pipe.
7. Use Black letter Sleeve Pipe for glass, steel or cast iron-Red letter pipe for copper.



W.H. Directory Reference 99 Edition
Firestop Device
W.H. Design No. PS/PHV 180-01
F Rating 3 Hrs.



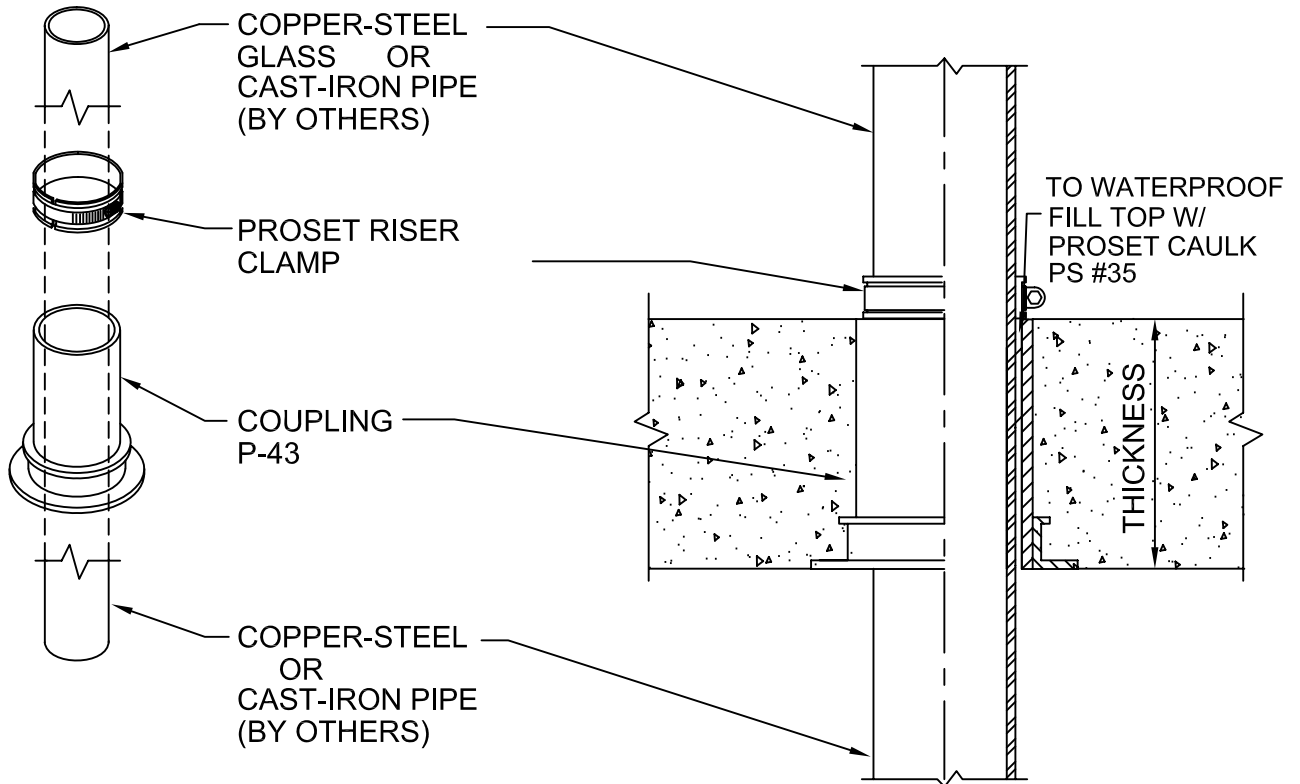
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FIRESTOP PENETRATOR™

DATE :
1-10-06

DRG . NO .
A-1014-A

RISER CLAMP DEVICE

CONCRETE ON WOOD FORM
FOR FLOORS OR WALLS



Size	Part No.	Description	Price	Unit Total
2"	P2543H-B or G	2" Sleeve Coupling	5.90	8.60
	A02214	2" Riser Clamp	2.70	
2½"	P3843H	2½" Sleeve Coupling	10.00	13.50
	A03212	2½" Riser Clamp	3.50	
3"	P3543H-B or G	3" Sleeve Coupling	8.30	11.30
	A03214	3" Riser Clamp	3.00	
4"	P4543H-B or G	4" Sleeve Coupling	10.40	14.15
	A04214	4" Riser Clamp	3.75	
5"	P6843H	5" Sleeve Coupling	18.70	24.70
	A05214	5" Riser Clamp	6.00	
6"	P6543H-B or G	6" Sleeve Coupling	15.80	21.95
	A06214	6" Riser Clamp	6.15	

Use "B" Black letter sleeve pipe for cast iron, glass or steel or "G" Green for copper or plastic
Use suffix CU for copper -CI for cast iron -S for steel pipe when ordering Riser Clamps.



W.H. Directory Reference 99 Edition
Firestop Device
W.H. Design No. PS/PHV 180-01
F Rating 3 Hrs.



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FIRESTOP PENETRATOR[™]

DATE :
1-10-08

DRG. NO.
A-1014-A

FIRESTOP SYSTEMS

ProSet Systems, Inc.

1355 Capital Circle Lawrenceville, GA. 30043-5866 U.S.A.

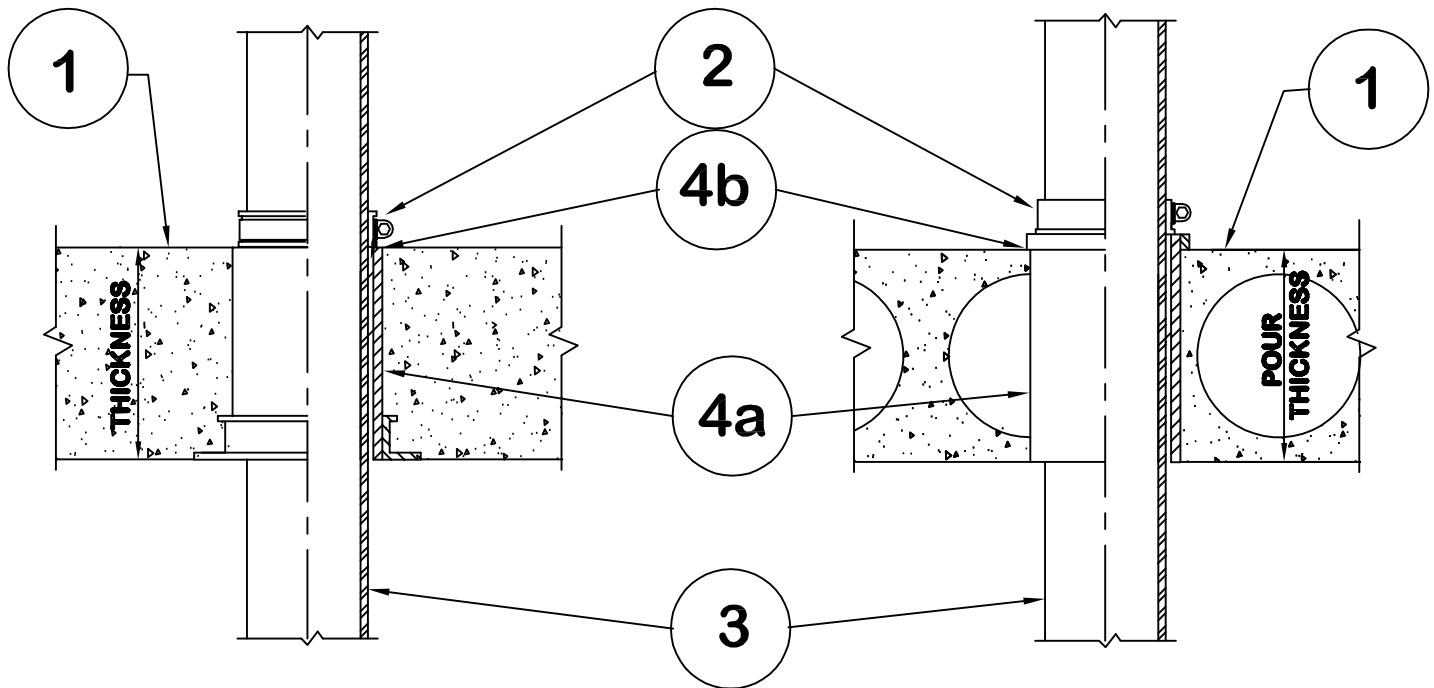
Design No. PS/PHV 180-01

Horizontal (Floor), Vertical (Wall) - See item 1.

Ratings: ASTM E-814 - 3 Hrs. (F), 30 Min. (T)

CAN/ULC-S115 - 3 Hrs. (F/FH), 30 Min. (FT/FTH)

Test Pressure Differential - 10 Pa (0.05 in. of Water) Minimum



1. Floor:

Minimum 4-1/2" thick normal density concrete slab or 7-1/2" thick hollowcore precast concrete floor units. Fluted decks with 2-1/2" concrete slab, rating is 1Hr F/FH.

WALL:

Minimum 6" thick normal density concrete slab.

2. Pipe Support:

ProSet Riser Clamp. - A ProSet Riser Clamp is required on both sides of a wall penetration. When the gap in between the clamps exceed 1/4", a silicone caulk can be used to seal the gap.

3. Pipe Material:

Maximum diameter 6" cast iron, steel, copper, or glass pipe.

4. Firestop System Components:

4a. ProSet PVC Coupling*, cast-in-place, or Cored Hole Coupling*, length equal to slab thickness.

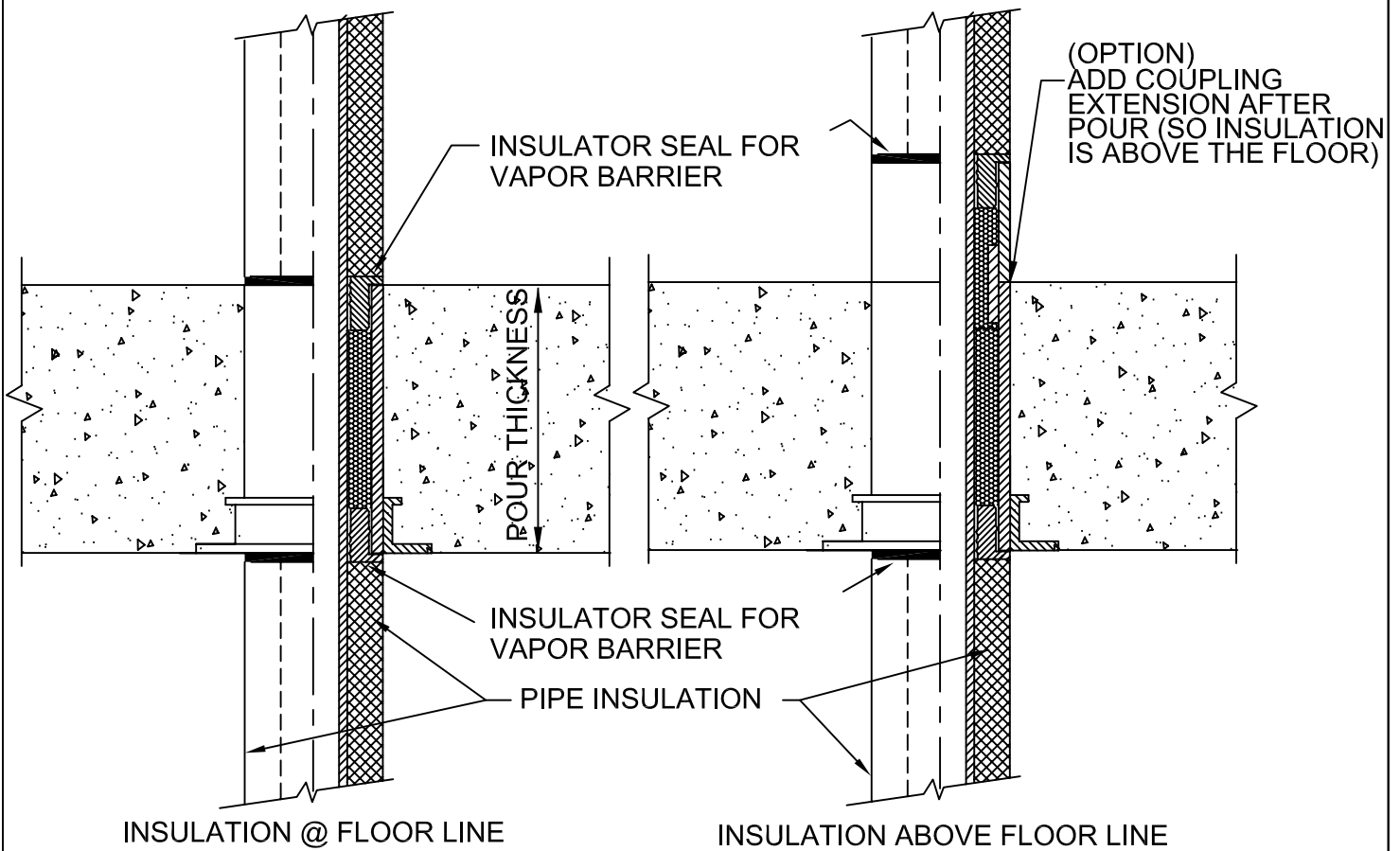
4b. (Optional) ProSet Waterproofing Caulk PS 35.

Optional increase of T-Rating can be made by using a UL (BRGU) listed pipe covering material meeting a Flame Spread Index of 25 or less and a smoke developed index of 50 or less on the unexposed side side of the pipe penetration.

*** Components Bearing the Warnock Hersey International Certification Mark.**

PROSEAL PLUG DEVICE

INSULATED PIPING THROUGH CONCRETE ON WOOD FORM
FOR FLOORS OR WALLS



SEE DRAWINGS A-1010-A,B,C OR D FOR INSTALLATION
IN TUNNEL FORM, METAL DECK OR EXISTING CONC.

IMPORTANT NOTES :

1. Firefill should be firmly packed in the sleeve coupling.
2. Insulation should butt against Proseal Plug.
3. Insulator should use adhesive cement between insulation and the Proseal Plugs to seal for vapor barrier when using chilled water lines.



W.H. Directory Reference 99 Edition
Firestop Device
W.H. Design No. PS/PHV 180-02
F Rating 3 Hrs. or 4 Hrs.



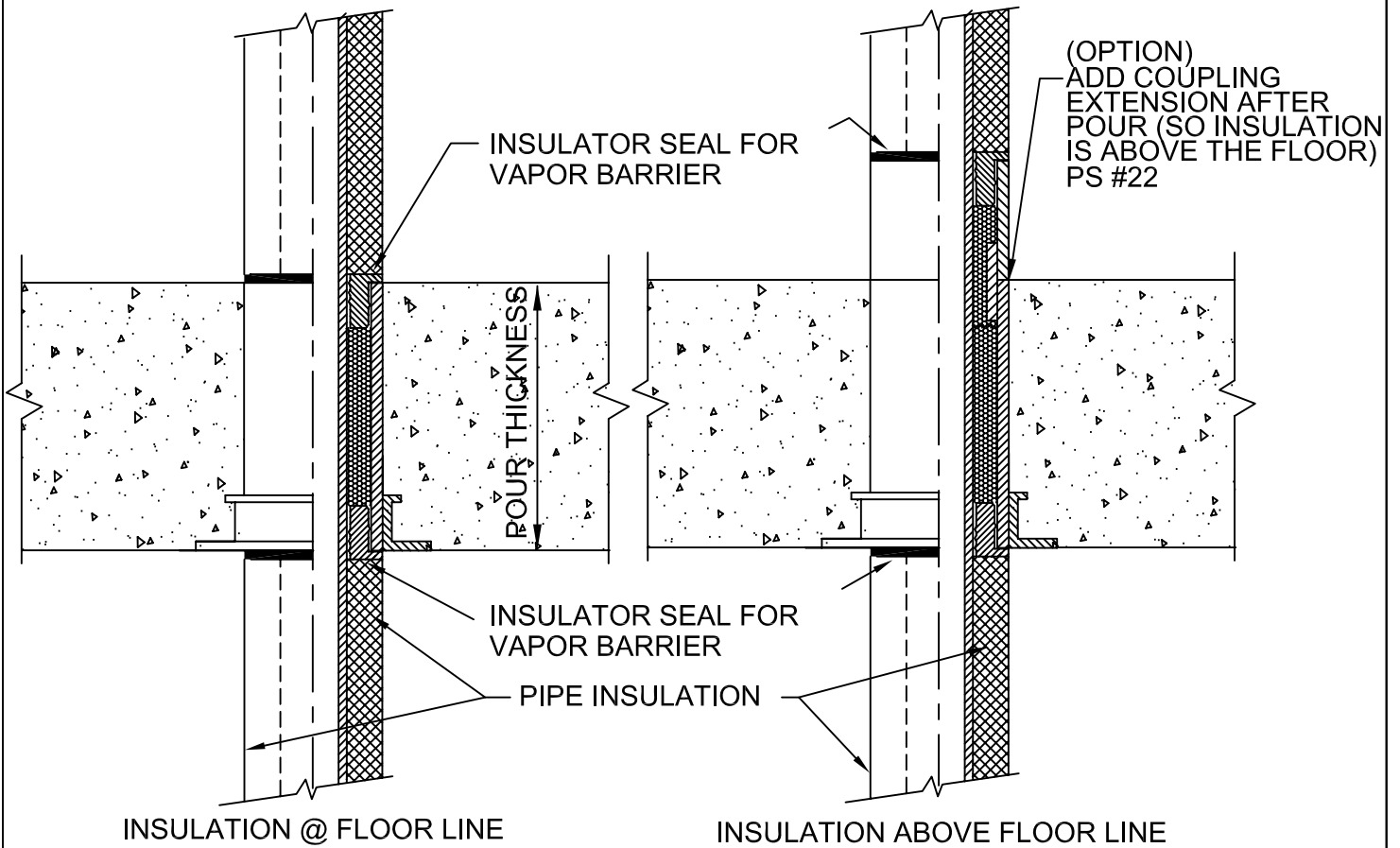
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SYSTEMS
FIRESTOP PENETRATOR™

DATE :
1-10-06

DRG. NO.
A-1004-A
B,C OR D

PROSEAL PLUG DEVICE

INSULATED PIPING THROUGH CONCRETE ON WOOD FORM
FOR FLOORS OR WALLS



SEE DRAWINGS A-1001-A,B,C OR D FOR INSTALLATION
IN TUNNEL FORM, METAL DECK OR EXISTING CONC.

Size	Part No.	Description	Price	Unit Total	Size	Part No.	Description	Price	Unit Total
1/2"	P2543H-G C20012 (1 or 2)	Sleeve Coupling 2"x1/2" ProSeal Plug	5.90 2.10	8.00	2"	P3543H-R C30200 (1 or 2)	3" Sleeve Coupling 3"x2" ProSeal Plug	8.30 4.50	12.80
3/4"	P2543H-G C20034 (1 or 2)	Sleeve Coupling 2"x3/4" ProSeal Plug	5.90 2.10	8.00	2 1/2"	P4543H-R C40212 (1 or 2)	4" Sleeve Coupling 2 1/2" ProSeal Plug	10.40 5.70	16.10
1"	P2543H-G C20100 (1 or 2)	Sleeve Coupling 2"x1" ProSeal Plug	5.90 2.10	8.00	3"	P4543H-R C40300 (1 or 2)	4" Sleeve Coupling 3" ProSeal Plug	10.40 5.70	16.10
1 1/4"	P2543H-G C20114 (1 or 2)	Sleeve Coupling 2"x1 1/4" ProSeal Plug	5.90 2.10	8.00	4"	P6543H-R P60400 (1 or 2)	6" Sleeve Coupling 4" ProSeal Plug	15.80 8.05	23.85
1 1/2"	P2543H-G C20112 (1 or 2)	Sleeve Coupling 2"x1 1/2" ProSeal Plug	5.90 2.10	8.00	5"	P6543H-R P60500 (1 or 2)	6" Sleeve Coupling 5" ProSeal Plug	15.80 8.05	23.85
Add .35 ea. approximately to above for Firefill					Add .75 ea. approximately to above for Firefill				



W.H. Directory Reference 99 Edition
Firestop Device
W.H. Design No. PS/PHV 180-02
F Rating 3 Hrs. or 4 Hrs.



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DATE :
1-10-06
DRG. NO. :
A-1004-A
B,C OR D

FIRESTOP SYSTEMS

ProSet Systems, Inc.

1355 Capital Circle Lawrenceville, GA. 30043-5866 U.S.A.

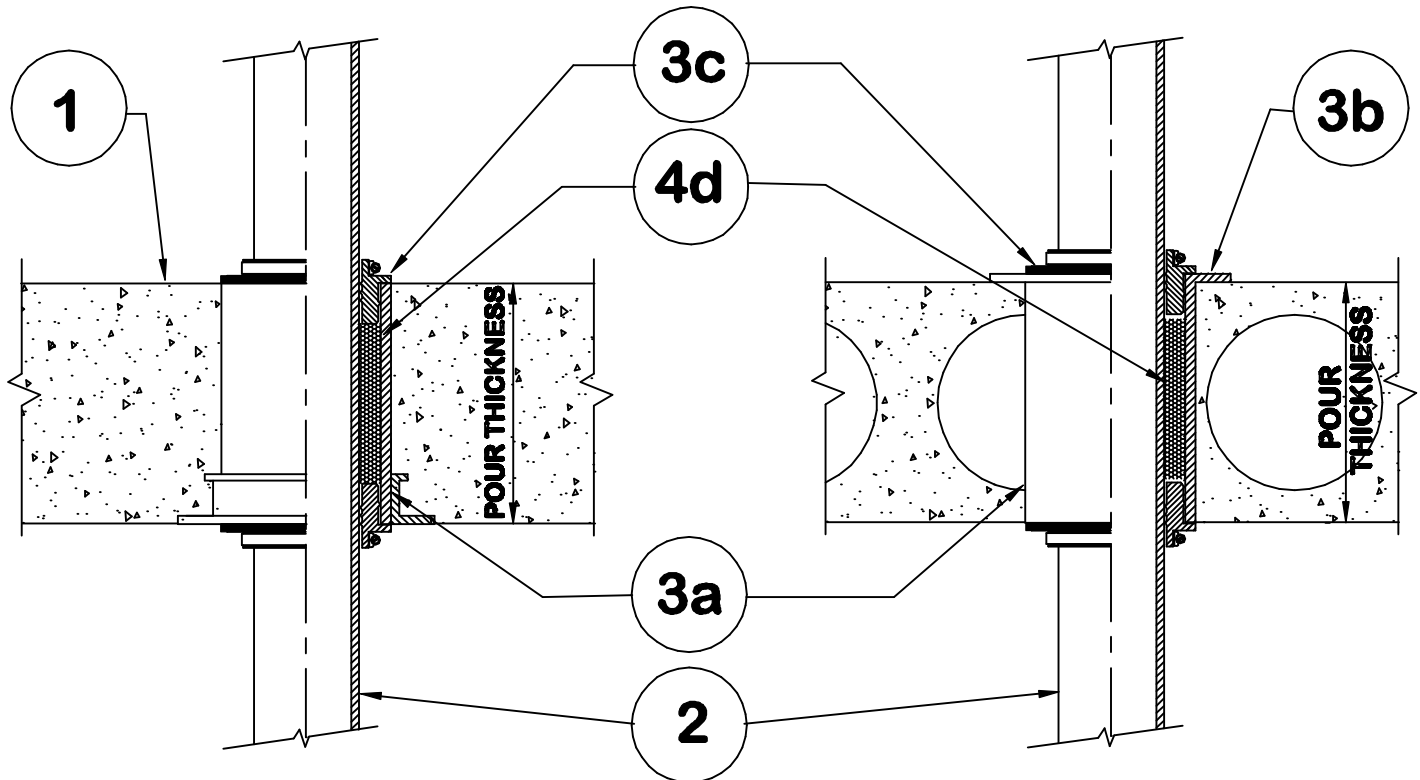
Design No. PS/PHV 180-02

Horizontal (Floor), Vertical (Wall) - See item 1.

Ratings: ASTM E-814 - 3 or 4 Hrs. (F), 0 Hrs. (T) See Wall item 1.

CAN/ULC-S115 - 3 or 4 Hrs. (F/FH), 0 Hrs. (FT/FTH) See Wall item 1.

Test Pressure Differential - 05 Pa (0.02 in. of Water) Minimum



1. Floor:

Minimum 4-1/2" thick normal density concrete slab or 7-1/2" thick hollowcore precast concrete floor units. Fluted decks with 2-1/2" concrete slab, rating is 1Hr F/FH

WALL:

Minimum 6" thick classified block or normal density concrete. 8" thick required for 4 Hr. F/FH

2. Pipe Materials & Support:

6" Max. Cast iron, steel or copper.

Support for the pass through pipe is provided by ProSet's ProSeal Plug firestop device.

3. Firestop System Components:

3a. ProSet PVC Coupling*, cast-in-place, or cored hole coupling.

3b. (Optional) ProSet Waterproofing Caulk PS 35.

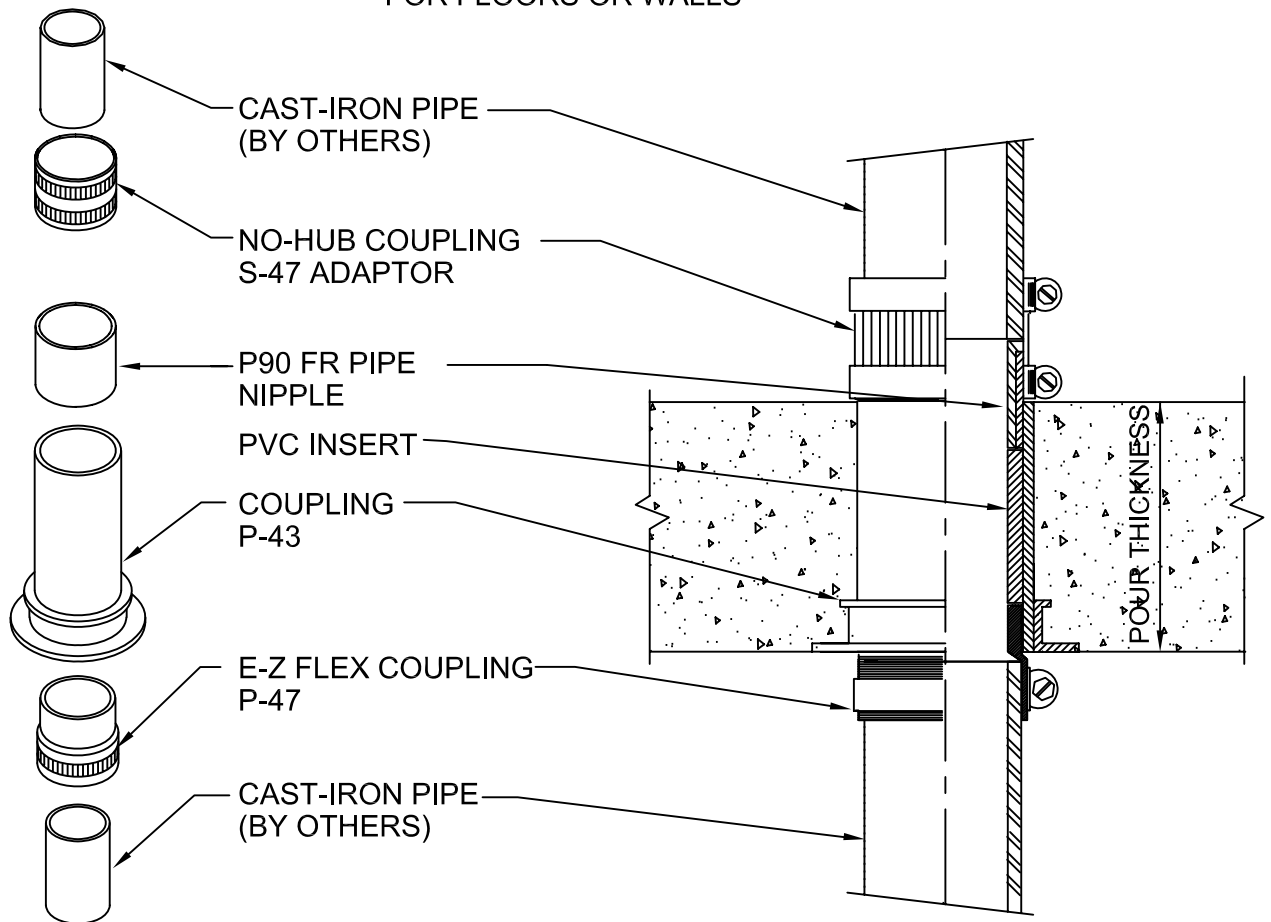
3c. ProSet "ProSeal Plug"* installed top and bottom of coupling.

3d. ProSet "FireFill" Ceramic Fibre Insulation tightly packed around pipe

* Components Bearing the Warnock Hersey International Certification Mark.

C.I. STACK STUB - OPTION 3

POURED CONCRETE ON WOOD FORM
FOR FLOORS OR WALLS



IMPORTANT NOTES :

1. Use nails through flange holes to mount the sleeve coupling to the deck.
 2. After concrete is poured, remove protective cap.
 3. Insert & solvent weld the P90 FR pipe nipple into the top or bottom of coupling.
 4. Install the S-47 No-Hub adaptor from the P90 pipe to the cast iron pipe side.
 5. Optional: Insert & solvent weld the E-Z Flex into the top or bottom of coupling. See # 6.
 6. PVC Pipe can be solvent cemented into the sleeve coupling & eliminate the E-Z Flex Coupling.
- Option 3. One transition from Iron to PVC or PVC to Iron is permitted per stack.
See Warnock Hersey listing requirements per PS/PH 120-01



W.H. Directory Reference 97 Edition
Firestop Device
W.H. Design No. PS/PH 120-01
F Rating 2 Hrs.



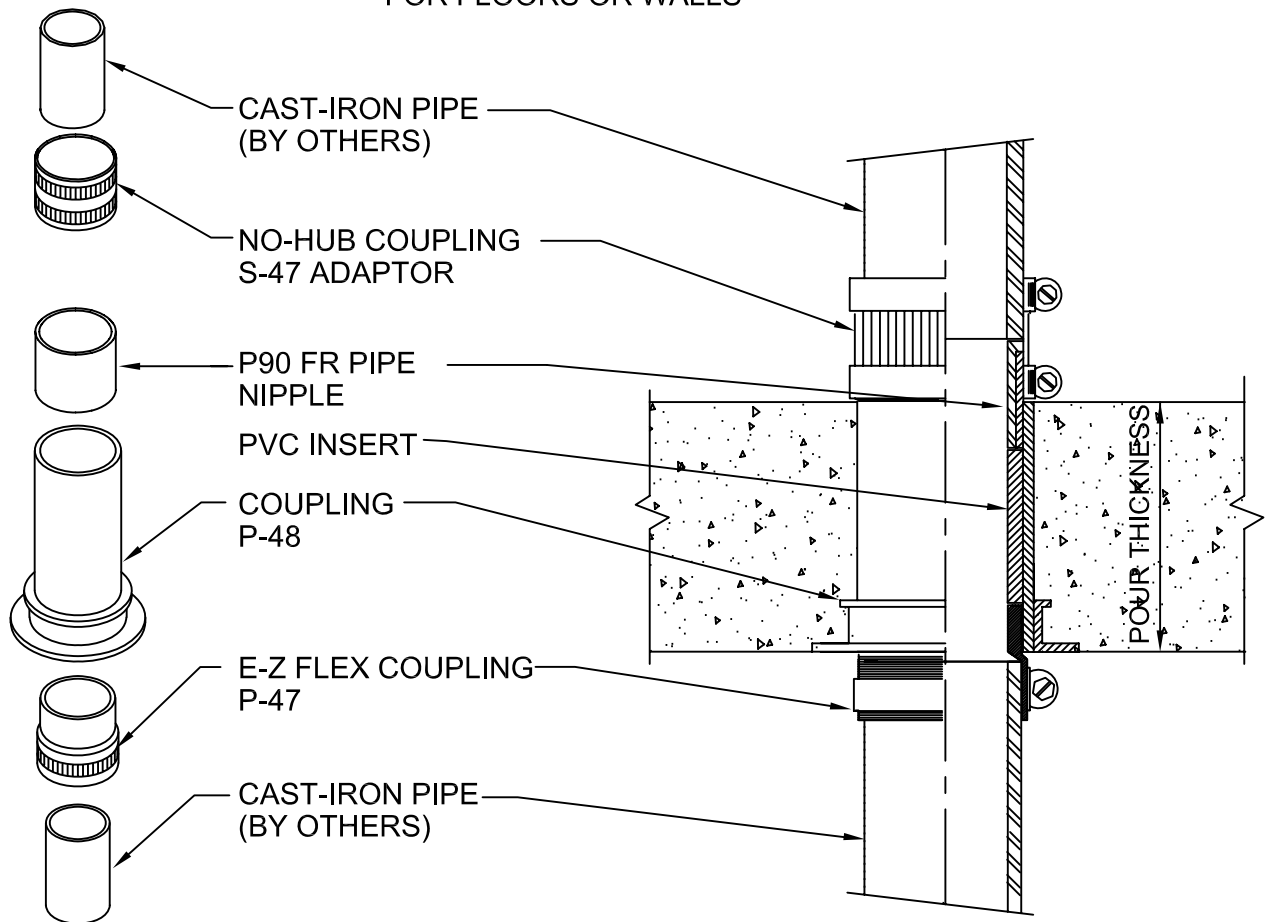
PROSET[®]
SYSTEMS
FIRESTOP PENETRATOR™

DATE :
1-10-06

DRG . NO .
B-4803-A

C.I. STACK STUB - OPTION 3

POURED CONCRETE ON WOOD FORM
FOR FLOORS OR WALLS



Size	Part No.	Description	Price	Unit Total
2"	P2548H	2" Sleeve Coupling	6.95	
2"	P25470	2" E-Z Flex Coupling	4.00	
2"	P25902	2" P90 FR Nipple	.60	
2"	S25470	2" E-Z No-Hub Coupling	3.20	14.75
3"	P3548H	3" Sleeve Coupling	9.55	
3"	P35470	3" E-Z Flex Coupling	4.40	
3"	P35903	3" P90 FR Nipple	1.30	
3"	S35470	3" E-Z No-Hub Coupling	5.60	20.85
4"	P4548H	4" Sleeve Coupling	11.90	
4"	P45470	4" E-Z Flex Coupling	5.50	
4"	P45904	4" P90 FR Nipple	1.75	
4"	S45470	4" E-Z No-Hub Coupling	7.45	26.60



W.H. Directory Reference 97 Edition
Firestop Device
W.H. Design No. PS/PH 120-01
F Rating 2 Hrs.



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FIRESTOP PENETRATOR™

DATE :
1-10-08
DRG . NO .
B-4803-A

FIRESTOP SYSTEMS

ProSet Systems, Inc.

1355 Capital Circle Lawrenceville, GA. 30043-5866 U.S.A.

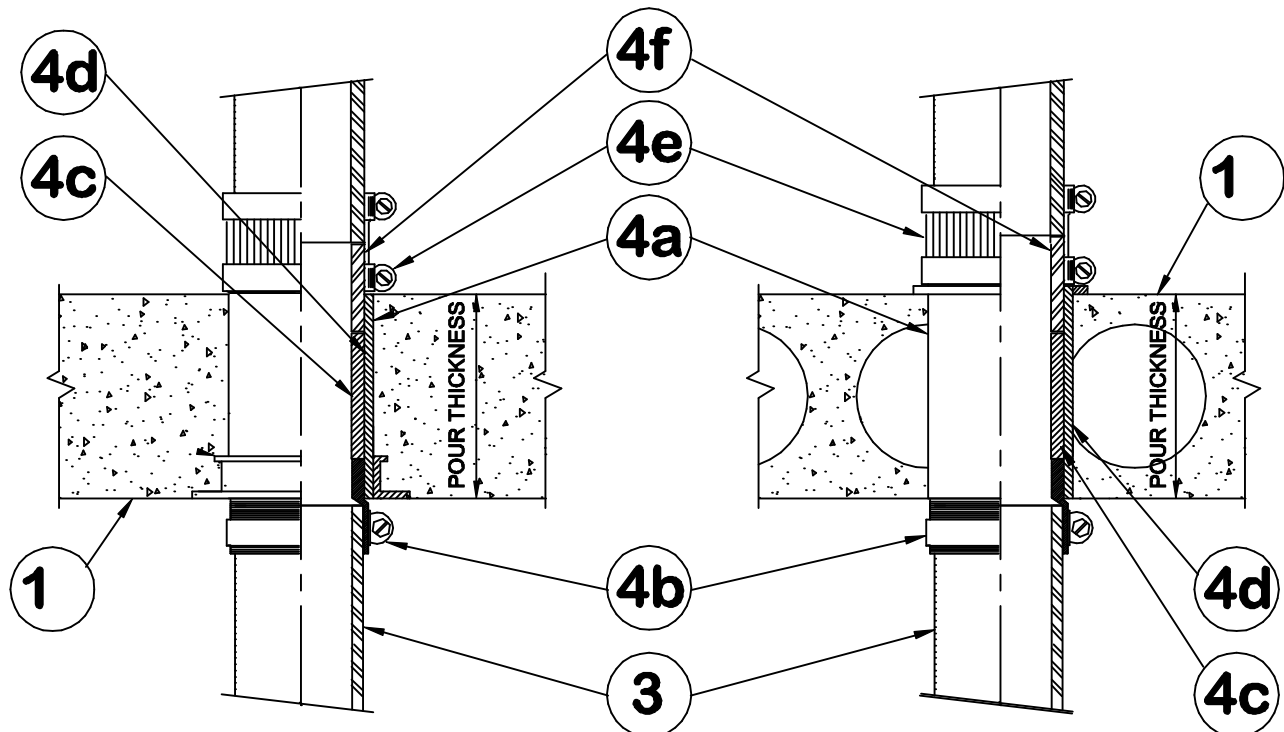
Design No. PS/PH 120-01

Horizontal (Floor)

Ratings: ASTM E-814 - 2 Hrs. (F), 65 Min. (T)

CAN/ULC-S115 - 2 Hrs. (F/FH), 65 Min. (FT/FTH)

Test Pressure Differential - 50 Pa (0.20 in. of Water) Minimum



1. Floor:

Minimum 4-1/2" thick normal density concrete slab or 7-1/2" thick hollowcore precast concrete floor units.

2. Pipe Support:

Support for the riser pipe is provided by connecting the pipe to the penetration firestop device.

3. Pipe Material:

Cast iron, maximum diameter 4 in.

Sch. 40 PVC. One transition from Iron to PVC or PVC to Iron permitted per stack.

4. Firestop System Components:

4a. ProSet PVC Coupling*, cast-in-place, or Cored Hole Coupling*, length equal to slab thickness. Optional waterproofing caulk may be used under seal ring.

4b. ProSet EZ Flex Coupling*, solvent welded into bottom.

4c. PVC insert, Sch. 40 pipe to make up top socket.

4d. PVC Thin Wall pipe over a special cast iron liner pipe.

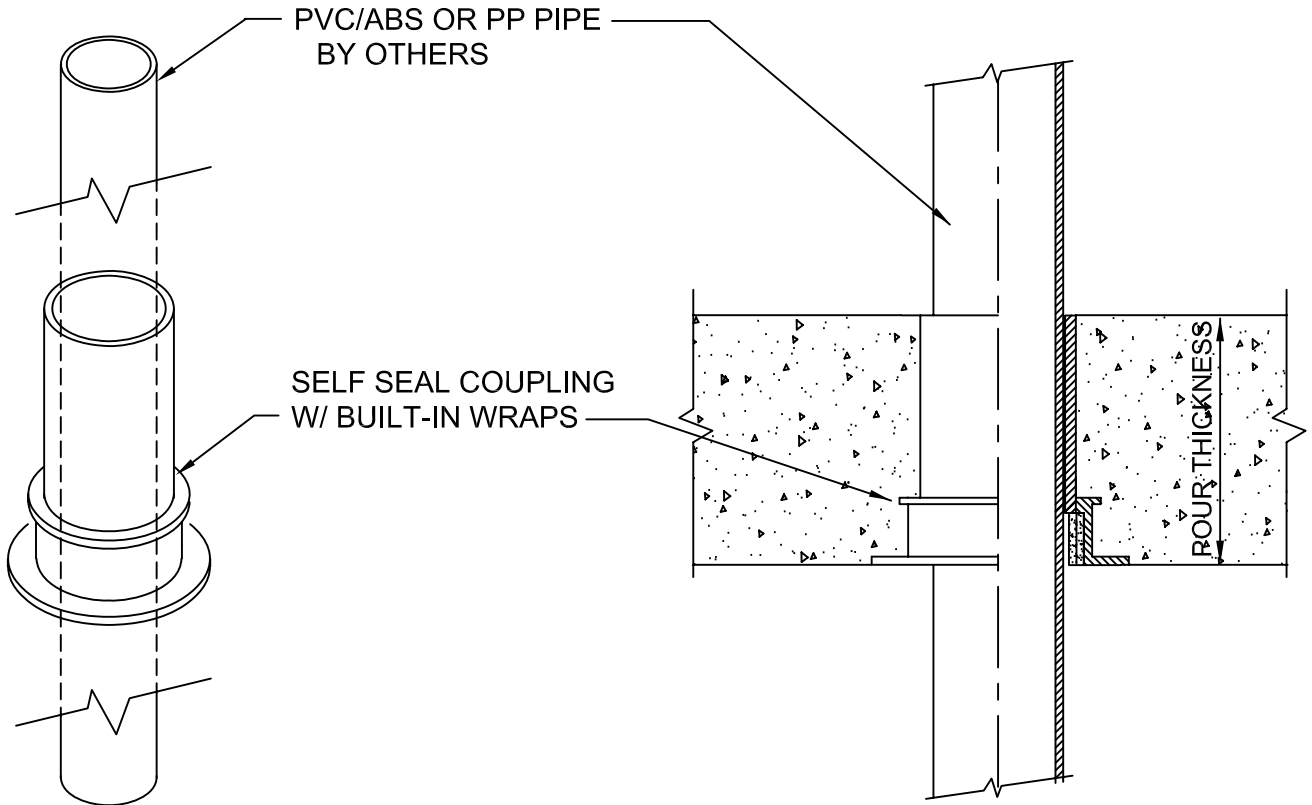
4e. Or use ProSet P-90 Hi-Temp PVC fire rated pipe* in place of cast iron liner.

4f. ProSet Mechanical Joint Coupling*, or equivalent.

*** Components Bearing the Warnock Hersey International Certification Mark.**

Self Seal Stack Assembly

POUR CONCRETE ON WOOD FORM
FOR FLOORS



IMPORTANT NOTES :

1. Use nails through flange holes to mount the sleeve coupling to the deck.
2. After concrete is poured, remove protective cap.
3. Insert the through pipe from either the top or the bottom side of the Green lettered coupling.
4. After the pipe is passed through, swab around the top pipe and the sleeves with solvent cement to attach and anchor the pass through piping to the sleeve

Option: The PVC stack piping can be solvent welded into the top and bottom side only when using the "Red" lettered coupling when this is desired.



W.H. Directory Reference 00 Edition
Firestop Device
W.H. Design No. PS/PHV 180-03
F Rating 3 Hrs.

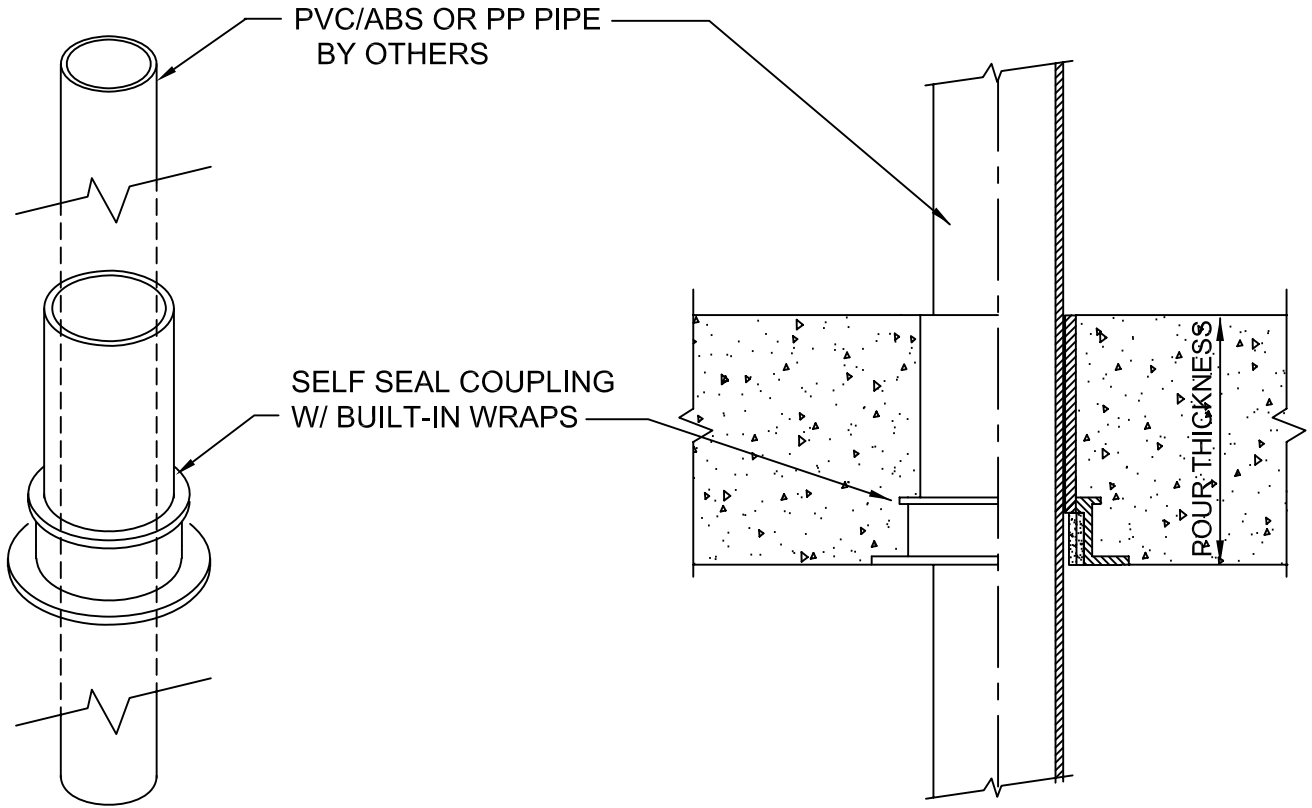


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SYSTEMS
FIRESTOP PENETRATOR™

DATE :
1-10-06
DRG . NO .
C-9049-A

Self Seal Stack Assembly

POUR CONCRETE ON WOOD FORM
FOR FLOORS



Size	Part No.	Description	Price	Unit Total
2"	P2549H-G or R 2"	Self Seal Coupling	12.65	12.65
3"	P3549H-G or R 3"	Self Seal Coupling	24.00	24.00
4"	P4549H-G or R 4"	Self Seal Coupling	28.00	28.00

Use "G" Green lettered coupling for pass through pipe.
Use "R" Red lettered coupling for solvent welding.



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Firestop Device
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F Rating 3 Hrs.



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DRG . NO .
C-9049-A

FIRESTOP SYSTEMS

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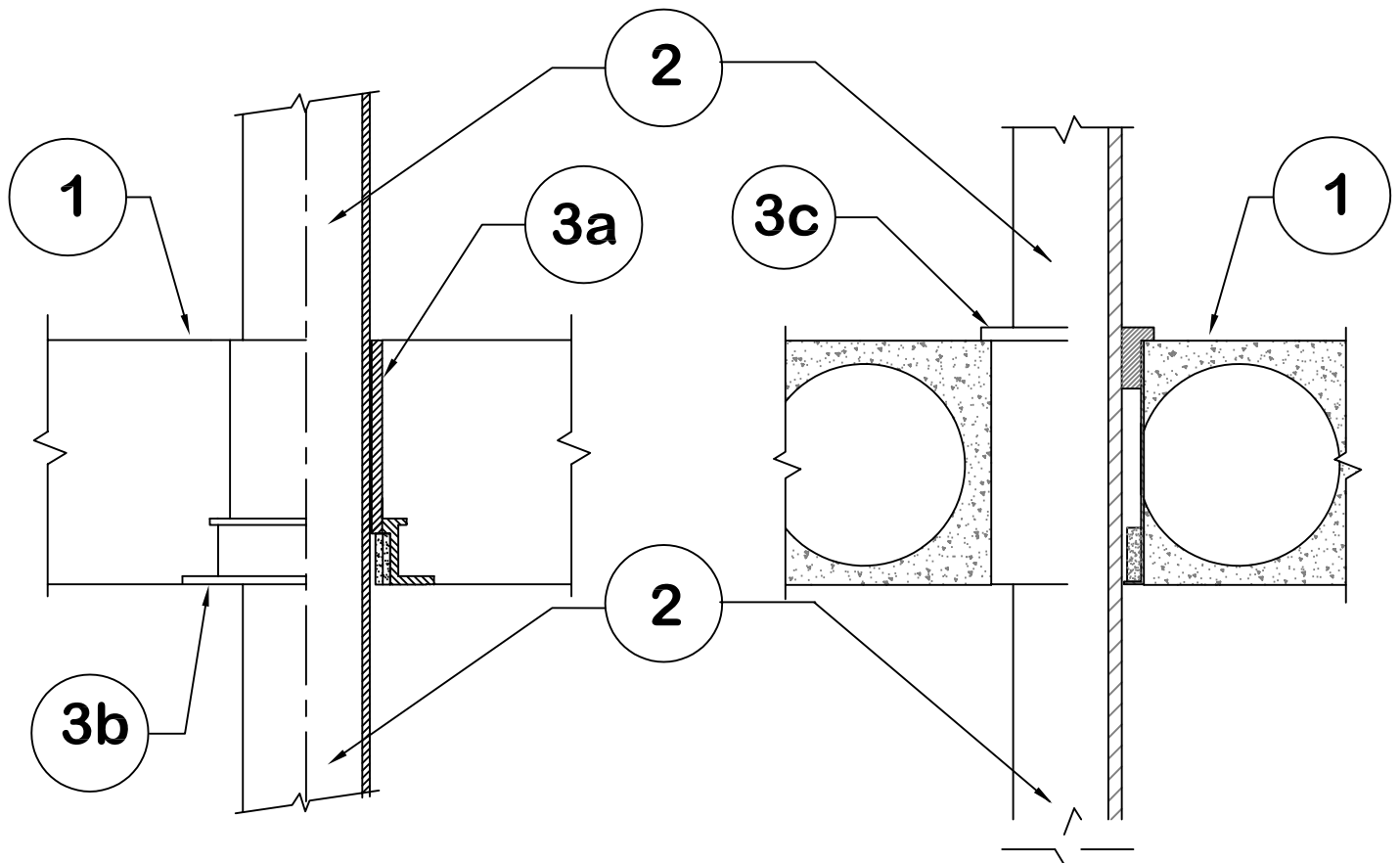
Design No. PS/PHV 180-03

Horizontal (Floor), Vertical (Wall)

Ratings: ASTM E-814 - 3 Hrs. (F), 3 Hrs. (T)

CAN/ULC-S115 - 3 Hrs. (F/FH), 3 Hrs. (FT/FTH)

Test Pressure Differential - 50 Pa (0.20 in. of Water) Minimum



- 1. FLOOR:** Minimum 4-1/2" thick normal density concrete slab.
Fluted decks with 2-1/2" concrete slab, rating is 1Hr F/FH
Or (Floor Only) 7-1/2" thick hollowcore precast concrete units.
- WALL:** Minimum 6" thick classified block or normal density concrete.

2. Pipe Materials & Support:

Maximum 4" diameter Vented or Unvented ABS, Solid or cell-core PVC, or F.R. P.P.
Riser pipe can be supported by solvent cementing or by using a ProSet Riser Clamp assembly.
Transitions from plastic to cast iron, cast iron to plastic or cast iron to cast iron can be made using approved connections from the penetration to the pipes on both sides. The ASTM E-814 F & T and the CAN/ULC S-115 (F/FH) & (FT/FTH) ratings are the same as shown above.

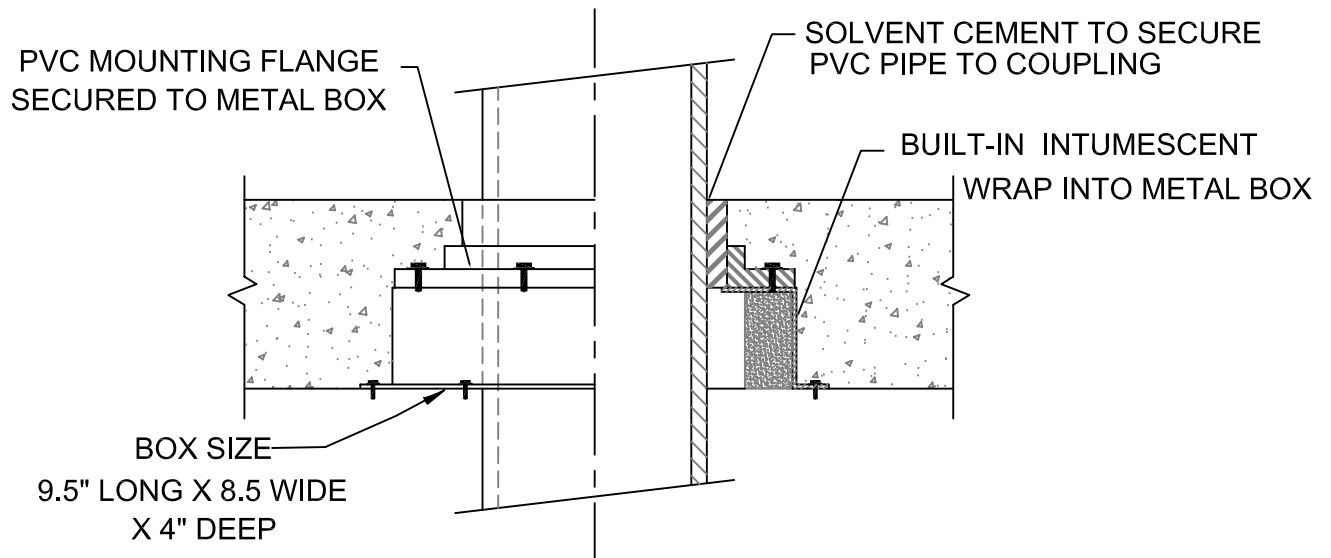
3. Firestop System Components:

- 3a.** ProSet Series #43 Sleeve Coupling*
- 3b.** ProSet Series #49 Fastening Flange* with a Built-in 1 1/2" wide Intumescent Wrap Strip. Wrap strip flange is installed on the bottom of a floor and on both sides of a wall. Built-in ProSet Self Seal Wrap Strips required: One 1/4" thick wrap for 2" pipe, one 3/8" thick wrap for 3" pipe and one 5/8" thick wrap for 4" pipe.
- 3c.** ProSet Series #55 Cored hole coupling with adjustable 26 gauge metal insert collar with the same as item 3b. sizes factory built-in intumescent wrap at the bottom.

* Components Bearing the Warnock Hersey International Certification Mark.

Self Seal 6" Stack Assembly

POUR CONCRETE ON WOOD FORM
FOR FLOORS



IMPORTANT NOTES :

1. Use nails through the holes in the metal box to mount the 6" Self-Seal unit to the deck form.
2. After concrete is poured, remove protective concrete cap.
3. Insert the through pipe from either the top or the bottom side of the PVC Coupling top extension, swob solvent cement around the top coupling where the PVC pipe penetrates to secure and waterproof the pass through piping.



W.H. Directory Reference 02 Edition
Firestop Device
W.H. Design No. PS/PH 120-16
F Rating 2 Hrs.

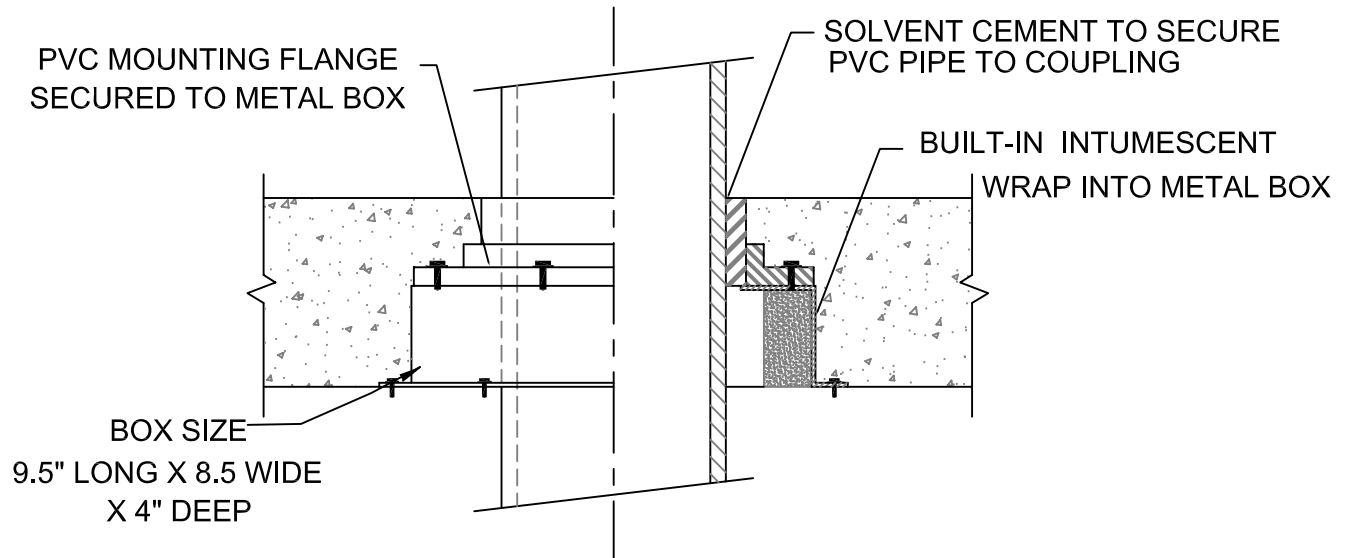


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FIRESTOP PENETRATOR™

DATE :
1-10-06
DRG . NO .
C-9049-A6

Self Seal 6" Stack Assembly

POUR CONCRETE ON WOOD FORM
FOR FLOORS



Size	Part No.	Description	Price
6"	S6549H-B	Self Seal Coupling	80.50



W.H. Directory Reference 02 Edition
Firestop Device
W.H. Design No. PS/PH 120-16
F Rating 2 Hrs.



PROSET[®]
SYSTEMS
FIRESTOP PENETRATOR™

DATE :
1-10-08
DRG . NO .
C-9049-A6

FIRESTOP SYSTEMS

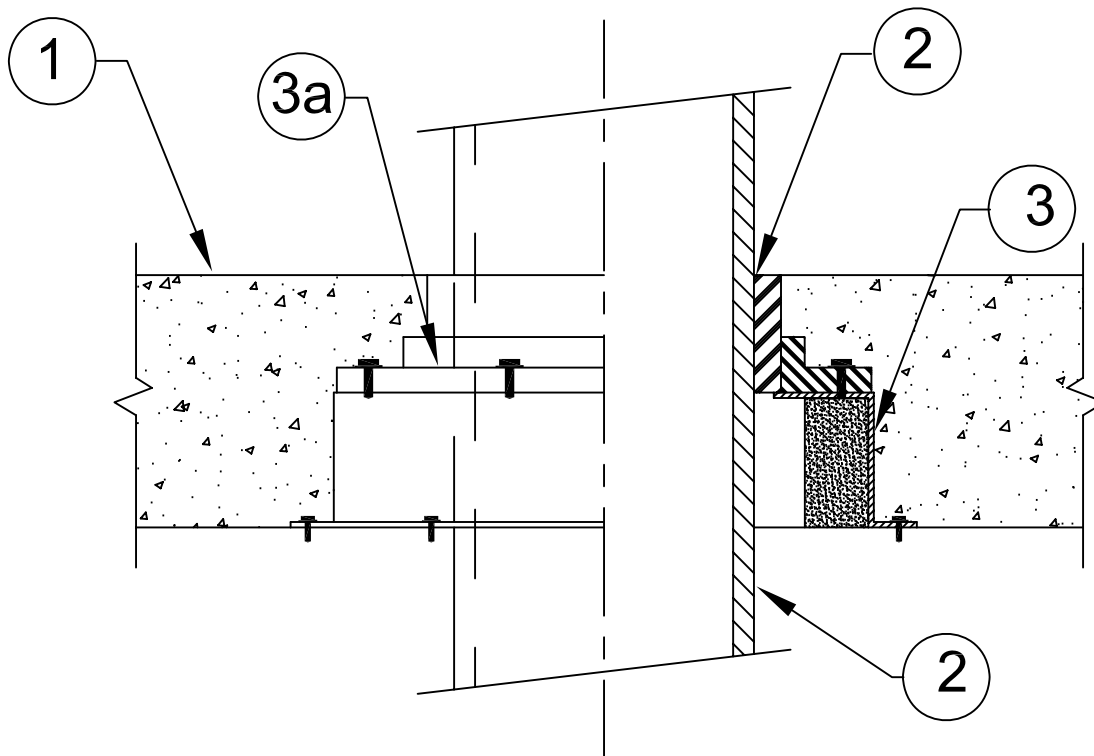
ProSet Systems, Inc.
1355 Capital Circle Lawrenceville, GA 30043-5866 U.S.A.

Design No. PS/PH 120-16

Horizontal (Floor)

Ratings: ASTM E-814 - 2 Hrs. (F), 2 Hrs. (T)

Test Pressure Differential - 2.5 Pa (0.01 in. of Water) Minimum



1. Floor:

Minimum 4-1/2" thick normal density concrete slab. Where floor slab thickness is less than 5-1/2 in., masonry grout is applied around the mounting flange of the firestop device, flush to the top of the mounting flange to a 3 in. width.

2. Pipe Materials & Pipe Support:

Maximum 6" diameter Sch. 40, PVC. Supported at penetration by solvent cementing the plastic pass through pipe to the PVC sleeve coupling.

3. Firestop System Components:

3. Factory Built 9" X 8 1/2" X 4" 22 Gauge Metal Box* with Built-in 3/4" Wide X 4" High Single Intumescent Red Wrap Strips tightly installed on all four sides.

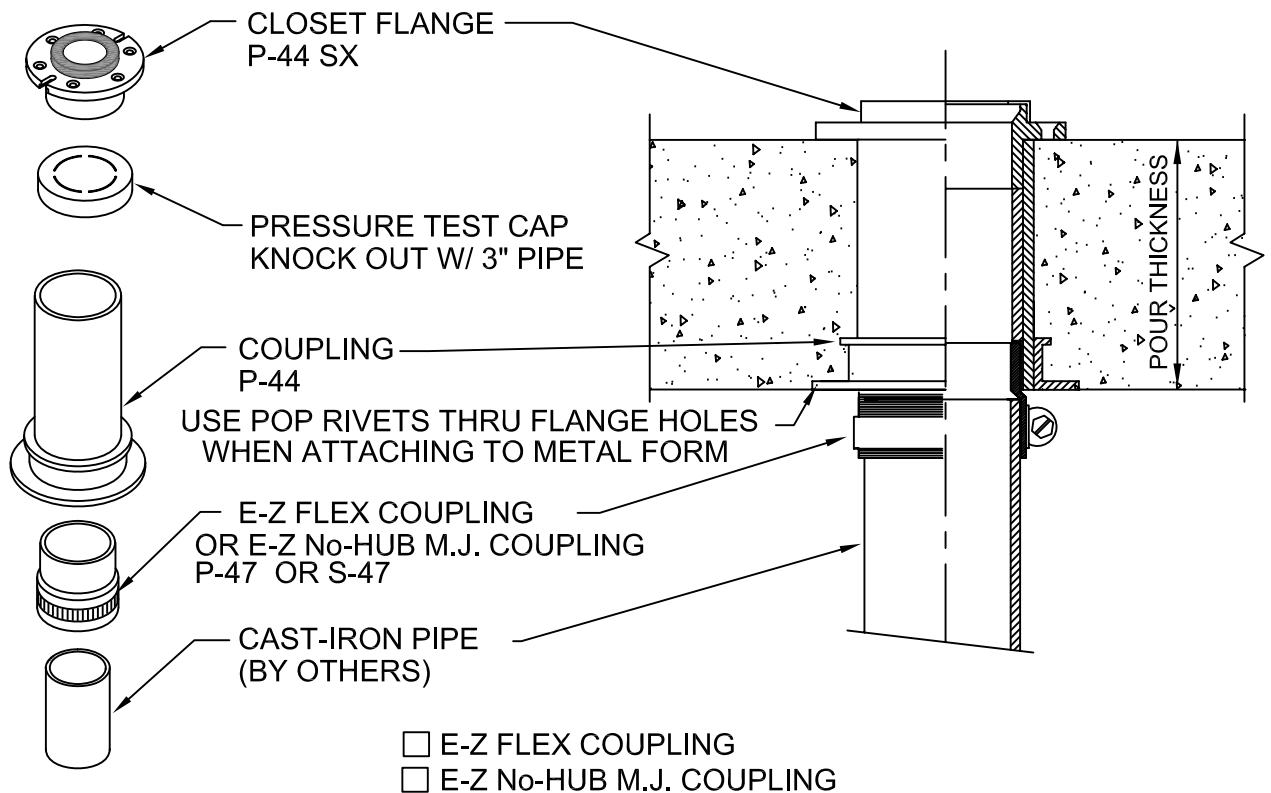
3a. ProSet PVC Mounting Flange* with PVC Coupling Pipe Factory Mounted to Metal Box*.

Not Shown: Item # 3 Box can be secured with metal attachments to the underside of a 4-1/2" cored hole slab in accordance with the manufacturers instructions to obtain the same F & T ratings.

* Component Bearing the Warnock Hersey International Certification Mark.

PROSEAL CLOSET STUB

POURED CONCRETE ON WOOD OR STEEL FORMS
FOR FLOORS



IMPORTANT NOTES :

1. Use nails through flange holes to mount the coupling to the deck.
 2. After concrete is poured, do not remove test cap until testing is done and * closet is ready to set.
 - * Use a 3" pipe to knock out test cap. The knock out piece is sized not to fall into the drain line
 - * 3. Insert & solvent weld the * E-Z Flex or E-Z No-Hub into the bottom of the coupling
 4. Connect the closet bend into the E-Z Flex or E-Z No-Hub & tighten S.S. band.
 5. Insert & solvent cement the P-44-SX closet flange with the built-in seal into the stub and set toilet.
 - * A special P44-HX flange is available in a longer 4" extension length if the finished floor is raised.
 - * The new elastomeric seal on this flange has been tested to hold a 10 ft. head of water pressure.
- * See E-Z Flex installation instructions.

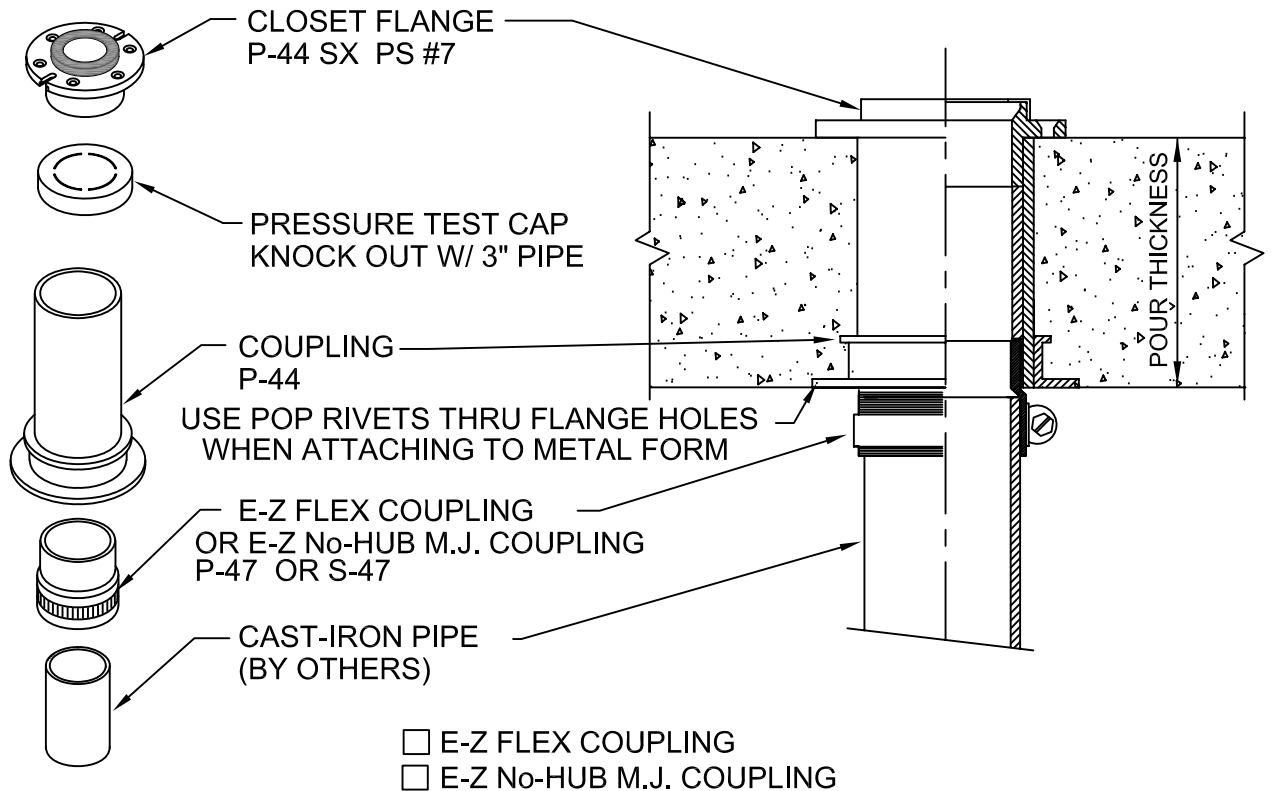
W.H. Directory Reference 01 Edition
Firestop Device
W.H. Design No. PS/PH 120-13
F Rating 2 & 3 Hrs.

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FIRESTOP PENETRATOR™

DATE :
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DRG. NO.
B-4402-A

PROSEAL CLOSET STUB

POURED CONCRETE ON WOOD OR STEEL FORMS
FOR FLOORS



Size	Part No.	Description	Price	Unit Total
3"	P3544H-SX	3" ProSeal Closet Stub	18.15	
3"	P35470	3" E-Z Flex Coupling	4.40	22.55
3"	S35470	3" E-Z No-Hub Coupling	5.60	23.75
4"	P4544H-SX	4" ProSeal Closet Stub	20.25	
4"	P45470	4" E-Z Flex Coupling	5.50	25.75
4"	S45470	4" E-Z No-Hub Coupling	7.45	27.70
3"	P35340-HX	3" Closet Extension Flange	7.65	7.65
4"	P45340-HX	4" Closet Extension Flange	8.25	8.25

The Above Two Closet Flanges Are Used To Extend Closet Flange Lengths

W.H. Directory Reference 01 Edition
Firestop Device
W.H. Design No. PS/PH 120-13
F Rating 2 & 3 Hrs.

 **PROSET**[®]
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DATE :
1-10-08
DRG. NO.
B-4402-A

FIRESTOP SYSTEMS

ProSet Systems, Inc.

1355 Capital Circle Lawrenceville, GA. 30043-5866 U.S.A.

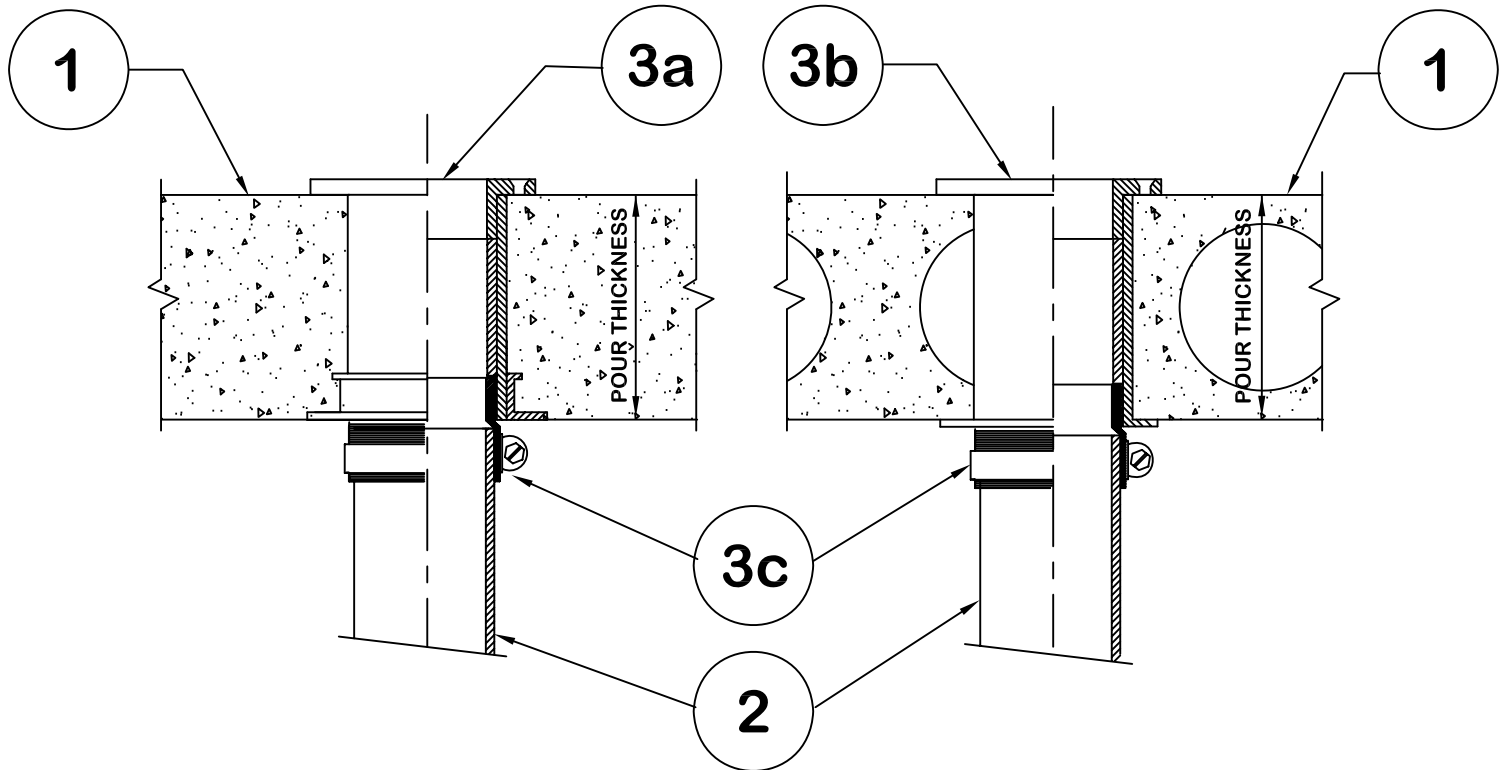
Design No. PS/PH 120-13

Horizontal (Floor) - See item 1.

Ratings: ASTM E-814 - 2 Hrs. & 3 Hrs. (F), 2 Hrs. (T) See item 1.

CAN/ULC-S115 - 2 Hrs. & 3 Hrs. (F/FH), 2 Hrs. (FT/FTH) See item 1

Test Pressure Differential - 50 Pa (0.20 in. of Water) Minimum



1. Floor:

Minimum 4" thick normal density concrete slab or 7-1/2" thick hollowcore precast concrete floor units. Fluted decks with 2-1/2" concrete slab, rating is 1Hr F/FH.

When concrete or hollow core is 7 1/2" or more the FT/FTH rating is 3 Hrs.

2. Pipe Material and Pipe Support:

3" or 4" Cast Iron or Copper DWV. - Closet or 1/4 bend can be supported by the firestop device.

3. Firestop Device:

3a. Cast-in Part numbers P3544H-SX*, 3" and P4544H-SX*, 4".

3b. Inserted in cored hole -Part numbers P3543H-CH*,3" and P4543H-CH*,4".

3c. Adapter Flex Coupling -Part numbers P35470, 3" and P45470, 4".

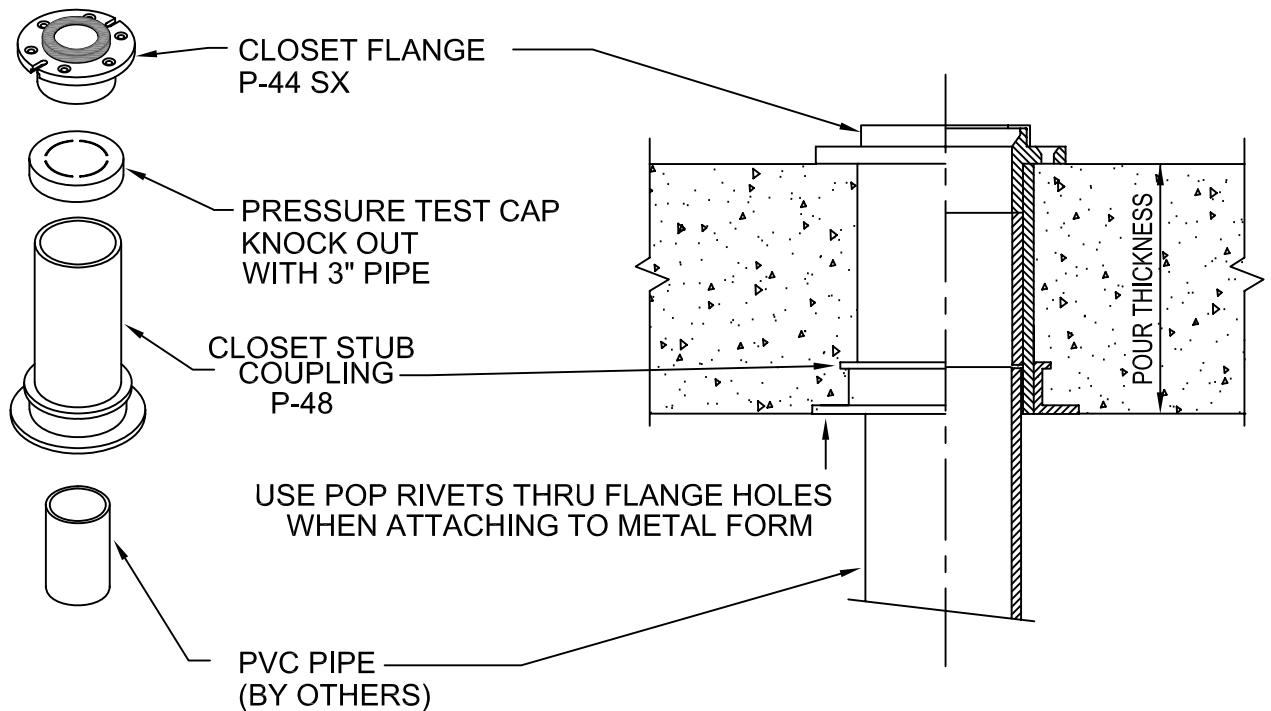
Water Closet (Not Shown)

Floor mounted closet mount to closet flange.

* Components Bearing the Warnock Hersey International Certification Mark.

PROSEAL CLOSET STUB

CONCRETE ON WOOD OR STEEL FORMS
FOR FLOORS



IMPORTANT NOTES :

1. Use nails through the flange holes to mount the Closet Stub to the deck.
2. After the concrete pour, do not remove the test cap until testing is done and * closet is ready to set.
* Use a 3" pipe to knock out cap. The knock out piece will not plug up the drain line
3. Solvent cement the branch piping directly into the bottom of the closet stub.
4. Insert & solvent cement the P-44-SX closet flange with the built-in seal into the stub and set toilet.
* A special P44-HX flange is available in a longer 4" extension length if the finished floor is raised.
* The new elastomeric seal on this flange has been tested to hold a 10 ft. head of water pressure.



W.H. Directory Reference 01 Edition
Firestop Device
W.H. Design No. PS/PH 120-15
F Rating 2 & 3 Hrs.

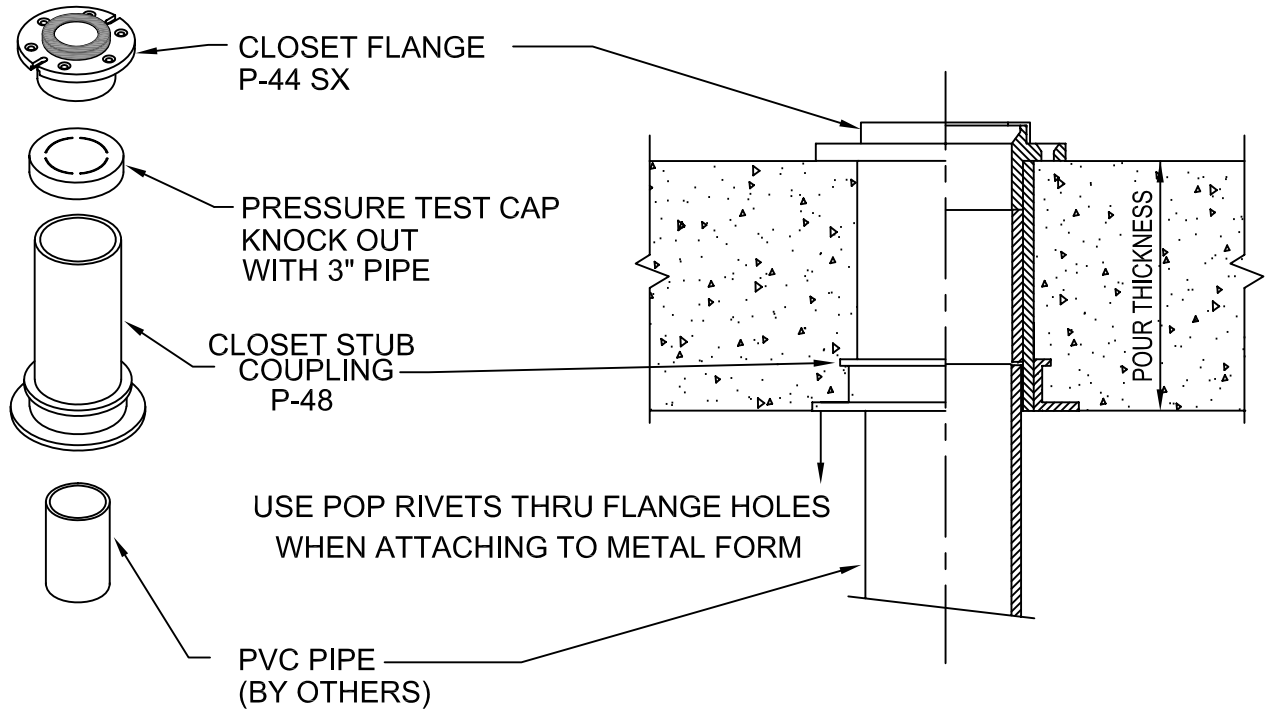


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C-4402-A

PROSEAL CLOSET STUB

CONCRETE ON WOOD OR STEEL FORMS
FOR FLOORS



Size	Part No.	Description	Price	Unit Total
3"	P3544H-SX	3" ProSeal Closet Stub Includes Sleeve Coupling, Pressure Cap & Closet Flange	18.15	18.15
4"	P4544H-SX	4" ProSeal Closet Stub Includes Sleeve Coupling, Pressure Cap & Closet Flange	20.25	20.25
3"	P35340-HX	3" Closet Extention Flange	7.65	7.65
4"	P45340-HX	4" Closet Extention Flange	8.25	8.25

The Above Two ProSeal Closet Flanges Are Used To Extend Closet Flange Lengths

NOTE: The P35340-HX ProSeal Closet Flange Will Solvent Cement Inside 4" PVC Pipe



W.H. Directory Reference 01 Edition
Firestop Device
W.H. Design No. PS/PH 120-15
F Rating 2 & 3 Hrs.



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FIRESTOP SYSTEMS

ProSet Systems, Inc.

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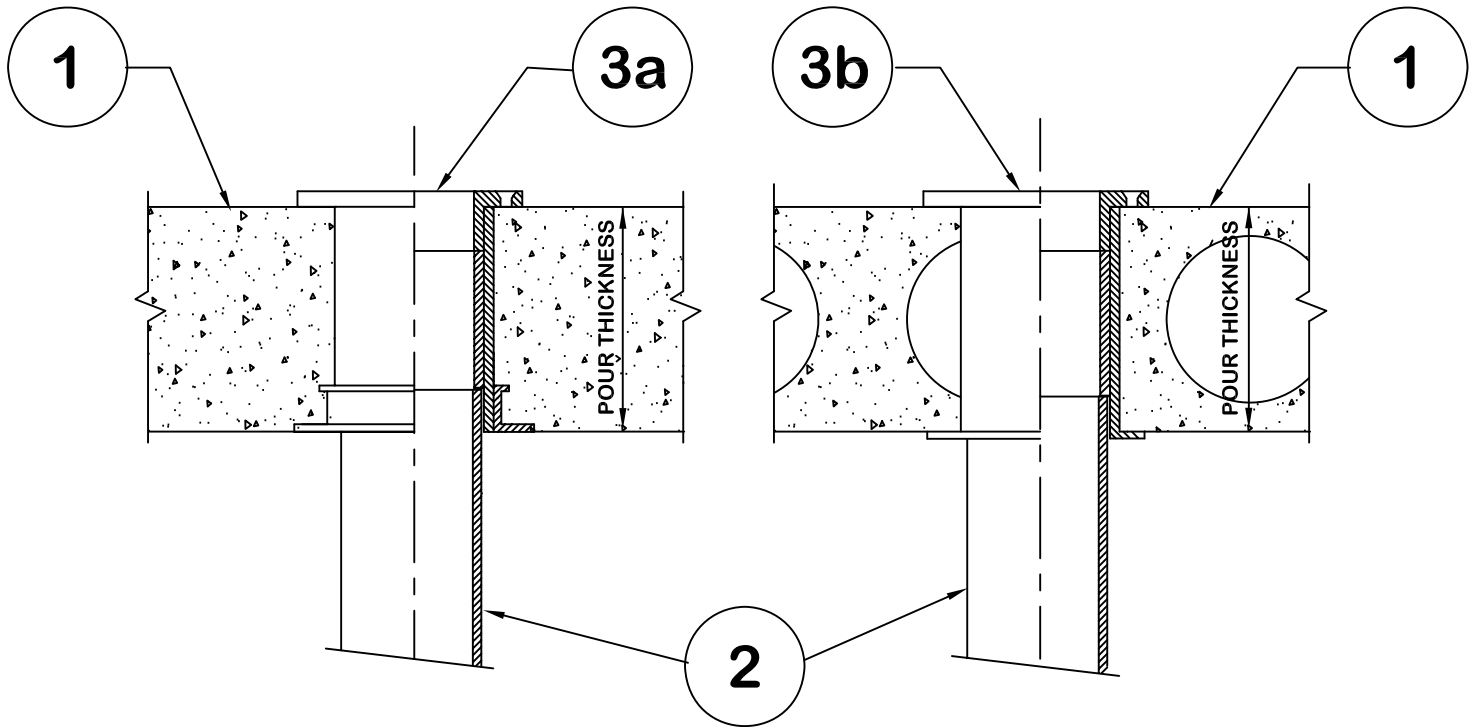
Design No. PS/PH 120-15

Horizontal (Floor) - See item 1.

Ratings: ASTM E-814 - 2 Hrs. & 3 Hrs. (F), 2 Hrs. (T) See item 1

CAN/ULC-S115 - 2 Hrs. & 3 Hrs. (F/FH), 2 Hrs. (FT/FTH) See item 1.

Test Pressure Differential - 50 Pa (0.20 in. of Water) Minimum



1. Floor:

Minimum 4" thick normal density concrete slab or 7-1/2" thick hollowcore precast concrete floor units. Fluted decks with 2-1/2" concrete slab, the FT/FTH rating is 1Hr.

When concrete or Hollow core is 7 1/2" or more the FT/FTH rating is 3 Hrs.

2. Pipe Material and Pipe Support:

3" or 4" ABS or Cellular core PVC. - Closet or 1/4 bend can be supported by solvent cementing to the embedded firestop device.

3. Firestop Device:

3a. Cast-in Part numbers P3544H*, 3" and P4544H*, 4".

3b. Inserted Sleeve -Part numbers P3554H*,3" and P4554H*,4".- 4" Core for 3" - 5" core for 4".

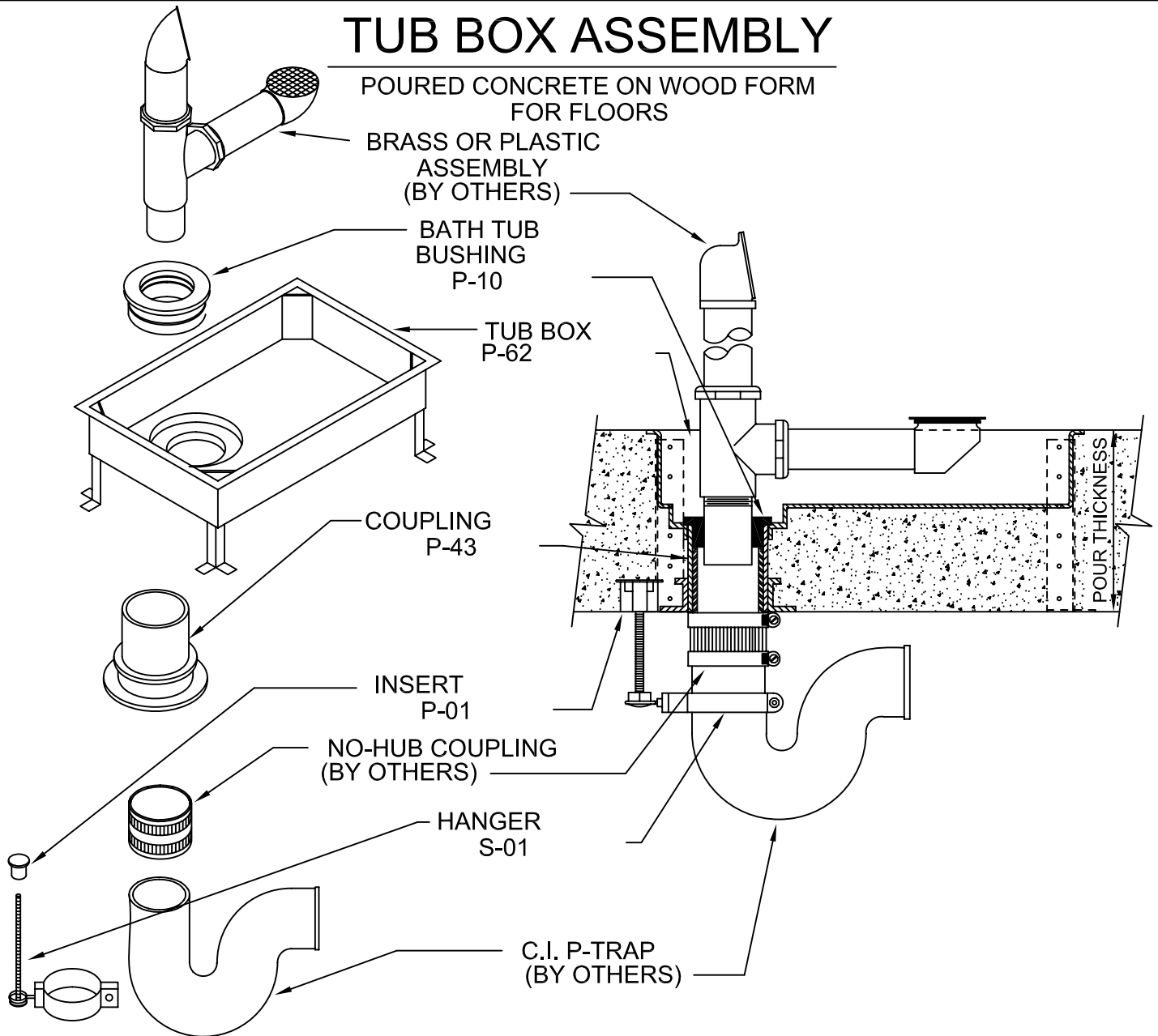
Part numbers with built-in stops - P35458*, 3" and P45458*, 4"

Water Closet (Not Shown)

Floor mounted closet mount to closet flange.

*** Components Bearing the Warnock Hersey International Certification Mark.**

TUB BOX ASSEMBLY



IMPORTANT NOTES :

1. Insert the proper height snap-in support legs & solvent cement the coupling into the openings into the socket in the tub box.
2. Use nails through the leg & flange holes to mount box to deck.
3. Set P-01 concrete insert abutting against the mounting flange.
4. After the concrete pour, insert & solvent cement the proper length P90 Hi-Temp PVC pipe into the P-43 coupling.
5. Install the cast iron P-Trap to the liner using a no-hub coupling & install the S-01 hanger to the P-Trap in a secure manner.
6. Remove styrofoam from tub box, knock out test plug & insert either a P-25661 tub bushing for a pipe size or P-25662 tube size W & O.



W.H. Directory Reference 99 Edition
Firestop Device
W.H. Design No. PS/PH 120-02
F Rating 2 or 3 Hrs.

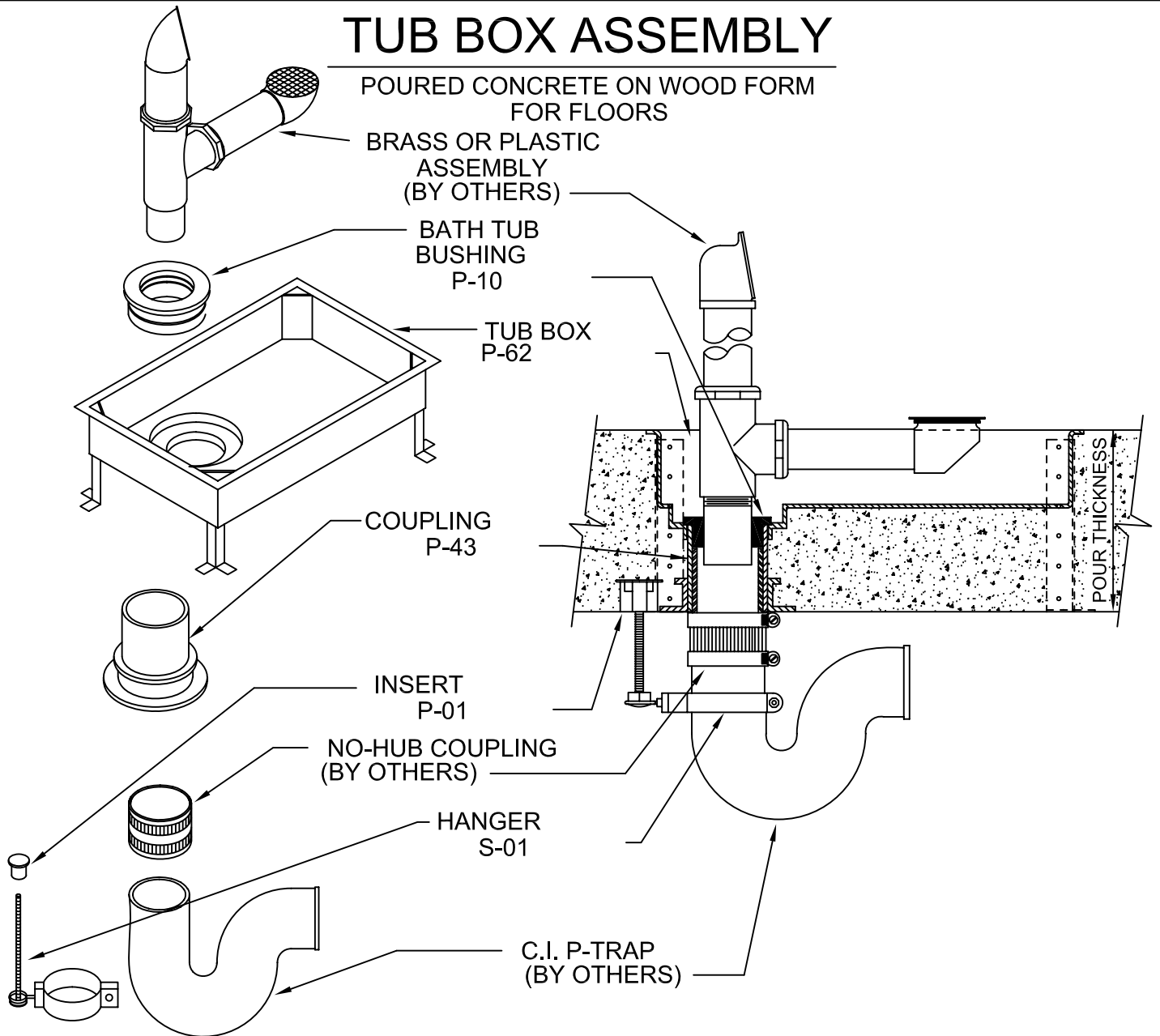


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FIRESTOP PENETRATOR™

DATE :
1-10-06
DRG . NO .
B-6210-A

TUB BOX ASSEMBLY

POURED CONCRETE ON WOOD FORM
FOR FLOORS



Size	Part No.	Description	Price	Unit Total
2"	P2562H	2" Tub Box Assembly	16.05	
2"	P25902	2" P-90 Pipe nipple	.60	
2"	S25470	2" E-Z No-Hub Coupling	3.20	
2"	A02238	2" Hanger Assembly	3.30	
3/8"	A00138BLK	3/8" Preset Insert	1.10	
2"	P25661	Pipe Size tub bushing	2.10	
		or		
2"	P25662	Tube Size tub bushing	2.10	
				25.35



W.H. Directory Reference 99 Edition
Firestop Device
W.H. Design No. PS/PH 120-02
F Rating 2 or 3 Hrs.



PROSET[®]
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FIRESTOP PENETRATOR™

DATE :
1-10-06
DRG . NO .
B-6210-A

FIRESTOP SYSTEMS

ProSet Systems, Inc.

1355 Capital Circle Lawrenceville, GA 30043-5866 U.S.A.

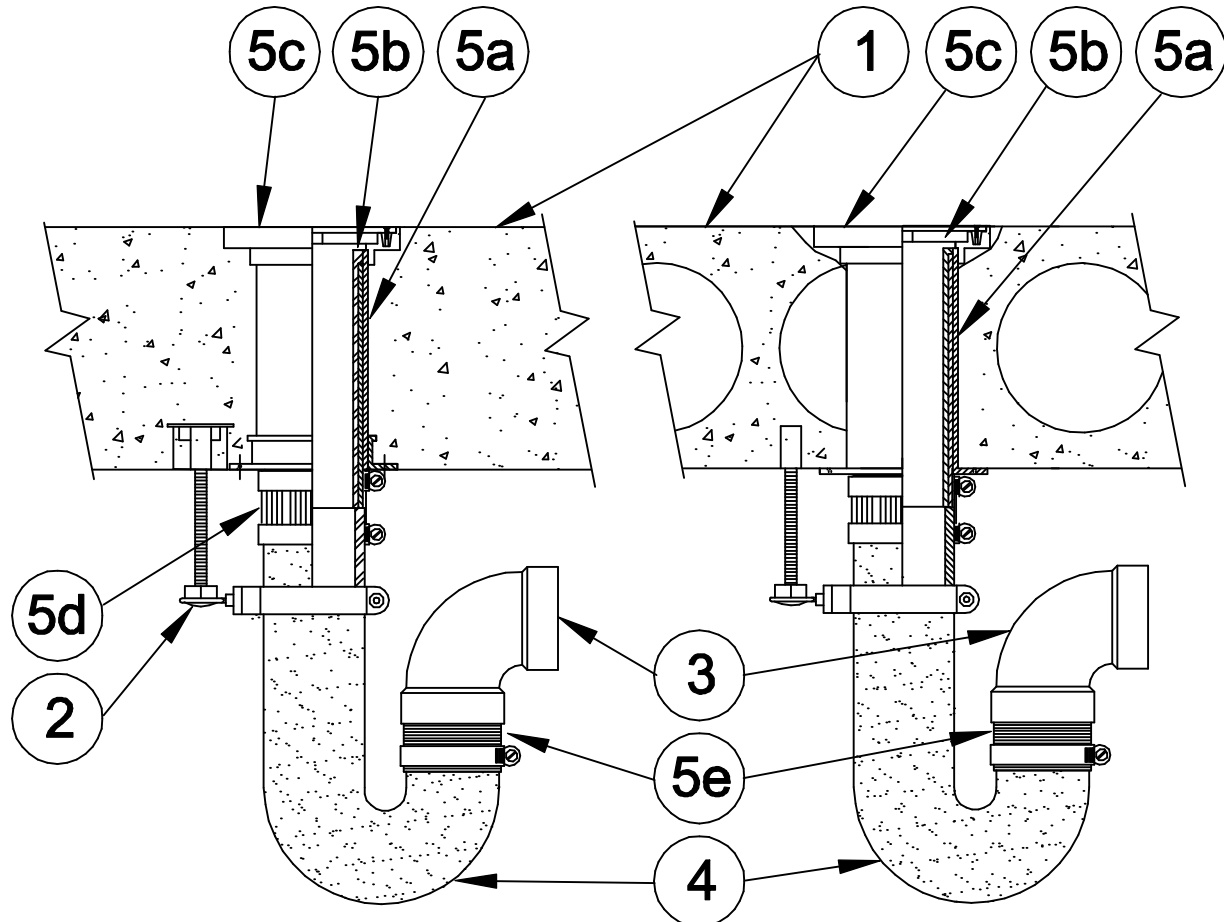
Design No. PS/PH 120-02

Horizontal (Floor) - See item 1.

Ratings: ASTM E-814 - 2 Hrs. (F), 0 Min. (T)

CAN/ULC-S115 - 2 Hrs. (F/FH), 0 Hrs. (FT/FTH)

Test Pressure Differential - 50 Pa (0.20 in. of Water) Minimum

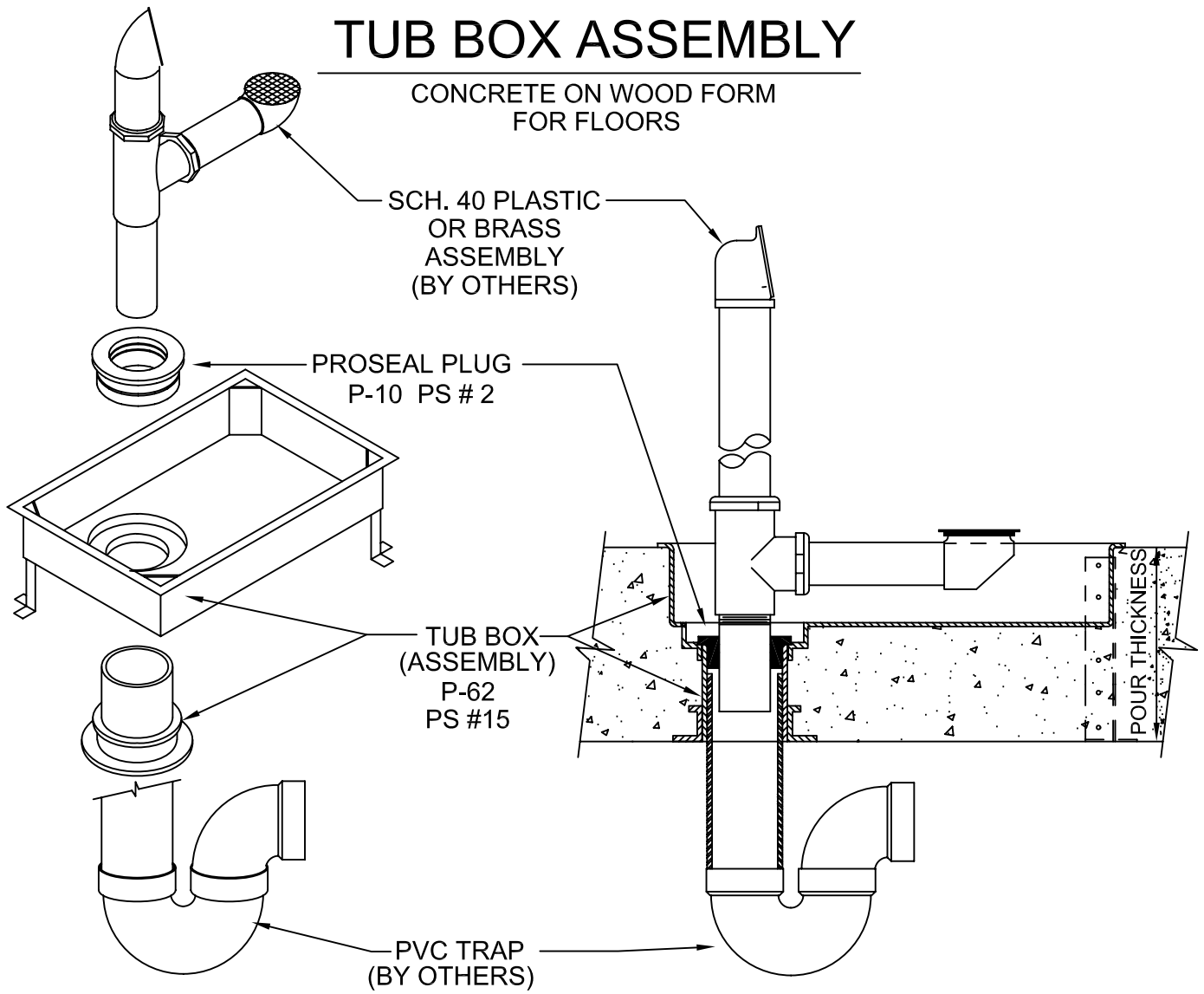


1. **Floor:** Minimum 4" thick normal density concrete slab or 7-1/2" thick hollowcore precast concrete floor units. Fluted decks with 2-1/2" concrete slab, rating is 1Hr F/FH.
2. **Pipe Support**
ProSet Hanger Type S-01, or other reliable support
3. **Pipe Materials:**
ABS, PVC Solid or Cell-core pipe or Cast Iron, maximum diameter 4".
4. **J-Bend P-Trap:**
Cast Iron or Plastic, maximum diameter 4".
5. **Firestop System Components:**
 - 5a. ProSet PVC Coupling, Cast-in place* or Cored hole Coupling*.
 - 5b. Cast Iron and Thin Wall PVC Liner, extends from top of coupling to 1" below coupling.
Optional P-90 PVC pipe can be substituted on the 2-inch size drain.
 - 5c. One of the following top assemblies: Shower Drain*, Floor Drain*, Clean-Out Cover*,
Domed Roof Drain*.
 - 5d. ProSet Mechanical Joint Adaptor Coupling.
 - 5e. ProSet EZ Flex* PVC Coupling.

*** Component Bearing the Warnock Hersey International Certification Mark.**

TUB BOX ASSEMBLY

CONCRETE ON WOOD FORM
FOR FLOORS



IMPORTANT NOTES :

1. Insert the proper size support legs & solvent cement the Sleeve Coupling to the tub box socket.
2. Use nails through the leg & flange holes to mount box to deck.
3. After the concrete pour and before setting tub, remove styrofoam and knock out test cap.
Use a 1-1/2" plastic or brass waste & overflow and drop through the ProSeal Plug into the sleeve.
4. Use the P-25661 (pipe size) or P-25662 (tube size) ProSeal Plug to seal the top of sleeve.
5. Connect the vertical piping and the 2" or 1 1/2" PVC P-Trap to the 2" coupling at the bottom of the box.

Important: The above installation drawing can only be used when the concrete slab is 7" or more.
When the concrete floor depth is less than 7", refer to Drawing No. C-6211-A for different installation instructions.



W.H. Directory Reference 04 Edition
Firestop Device
W.H. Design No. PS/PH 120-17
F Rating 2 Hrs.

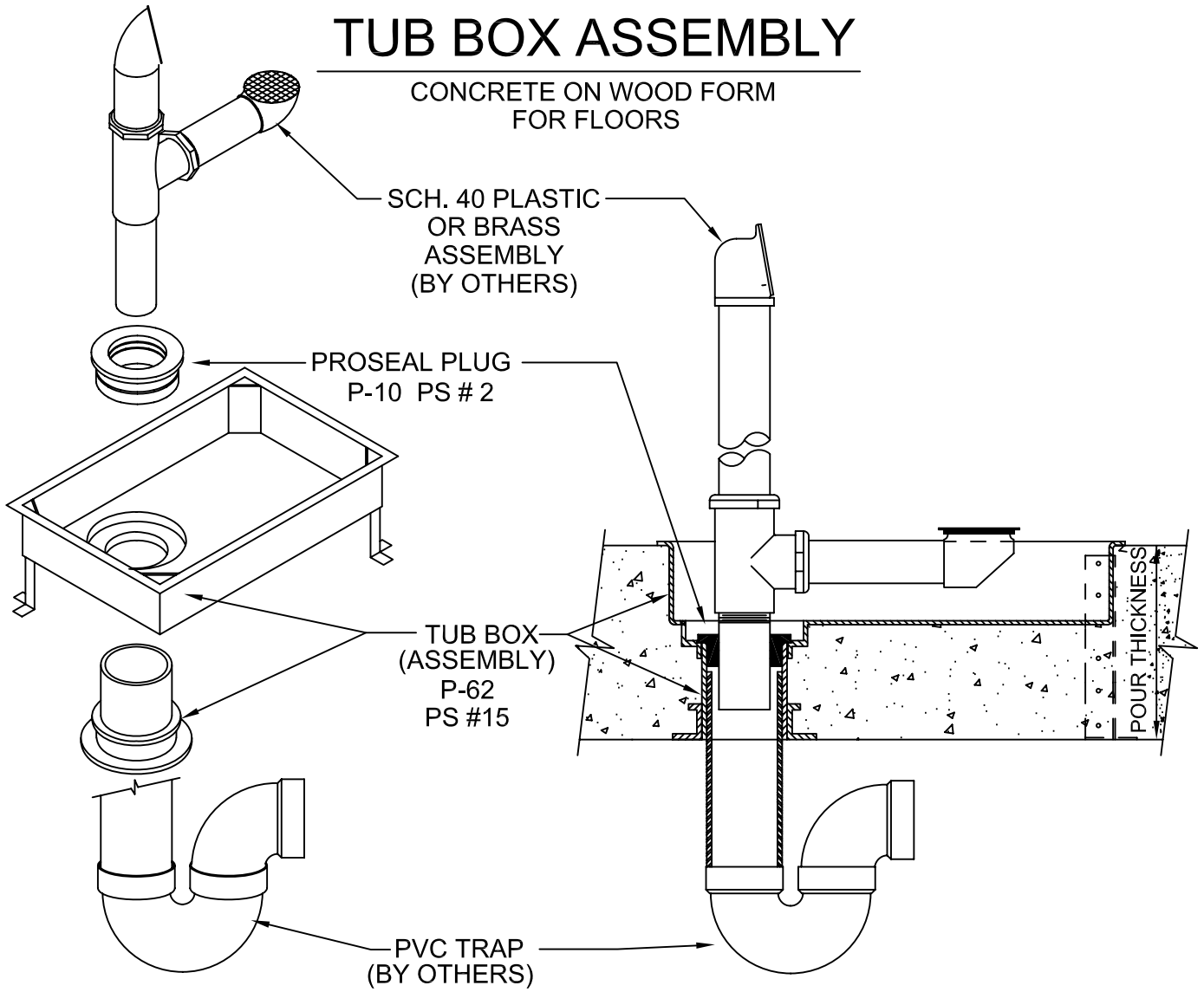


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FIRESTOP PENETRATOR™

DATE :
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DRG . NO .
C-6212-A

TUB BOX ASSEMBLY

CONCRETE ON WOOD FORM
FOR FLOORS



Size	Part No.	Description	Price	Unit Total
2"	P2562H	2" Tub Box assembly	16.05	18.15
2"	P2562H-1EF	2" Tub Box W/1" Extra Foam	17.20	19.30
2"	P25661 or P25662	Bushing 1 1/2" pipe or tube	2.10	



W.H. Directory Reference 04 Edition
Firestop Device
W.H. Design No. PS/PH 120-17
F Rating 2 Hrs.



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C-6212-A

FIRESTOP SYSTEMS

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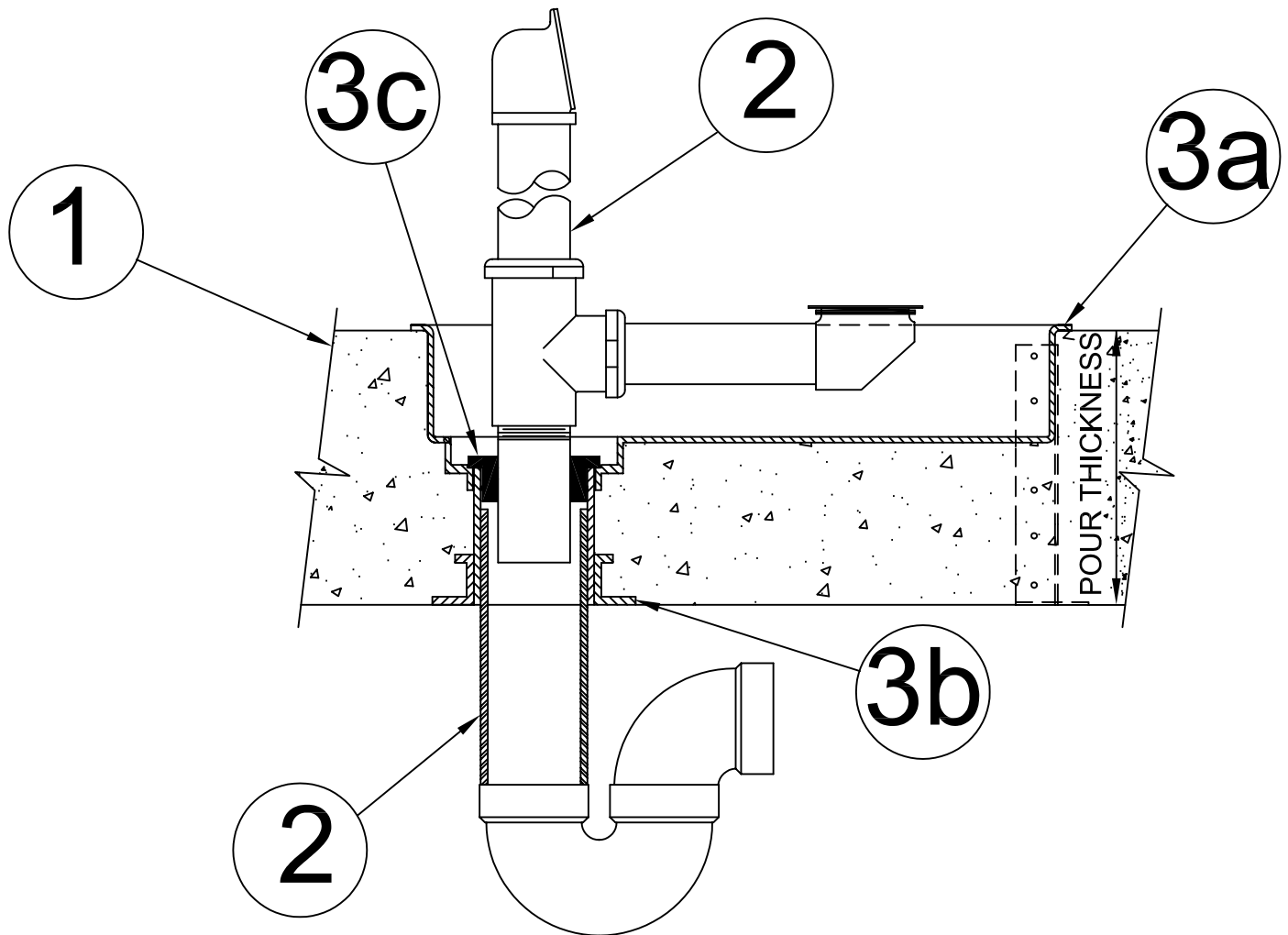
Design No. PS/PH 120-17

Horizontal (Floor)

Ratings: ASTM E-814 - 2 Hrs. (F), 1 Hrs. (T)

CAN/ULC-S115 - 2 Hrs. (F/FH), 1 Hrs. (FT/FTH)

Test Pressure Differential - 2.5 Pa (0.01 in. of Water) Minimum



1. Floor: Minimum 7" thick normal density concrete slab.

2. Pipe Materials & Pipe Support:

1-1/2" Tubular Brass or PVC Plastic Waste & Overflow pass through ProSeal Plug on top side.
Vertical pipe & P-Trap to be supported by solvent cementing the pipe into the embedded coupling.

3. Firestop System Components:

3a. ProSet P25620 F.R. PVC Tub Box*

3b. ProSet 2" P2543 PVC sleeve Coupling*

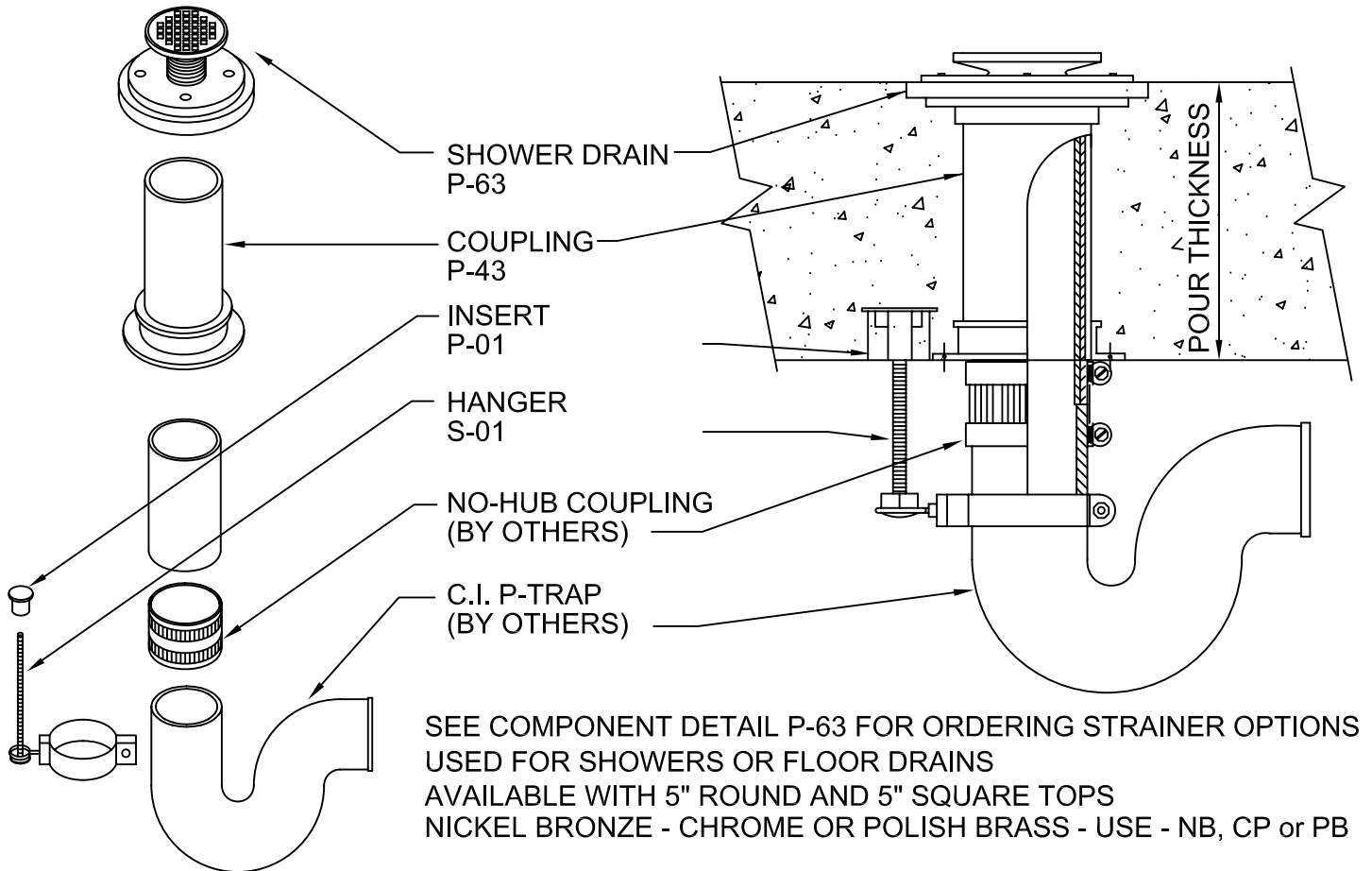
3c. ProSet ProSeal Plug P-25662 or P-25661 on the top side for tube or pipe size waste & overflow.

SEE DESIGN SYSTEMS PS/PH 120-11 or PS/PH 120-18 FOR SLABS LESS THAN 7"

*** Component Bearing the Warnock Hersey International Certification Mark.**

SHOWER/FLOOR DRAIN STUB

CONCRETE ON WOOD FORM
FOR FLOORS



IMPORTANT NOTES:

1. Remove the clamping ring & strainer use duct tape over the top of shower base flange to protect during concrete pour for shower. Not applicable for floor drains.
2. Use nails through the flange holes to mount shower to deck.
3. Set P-01 concrete insert abutting against the mounting flange.
4. Insert & solvent weld the proper length P90-Hi-Temp PVC pipe into the bottom of drain coupling.
5. Connect the no-hub P-trap to the liner pipe w/ no-hub coupling.
6. Install the S-01 Hanger to the P-trap in a secure manner.
7. A blank ProSeal Plug can be used in top for water testing.
8. Install clamping ring to waterproofing material - insert strainer.



W.H. Directory Reference 99 Edition
Firestop Device
W.H. Design No. PS/PH 120-02
F Rating 2 Hrs.



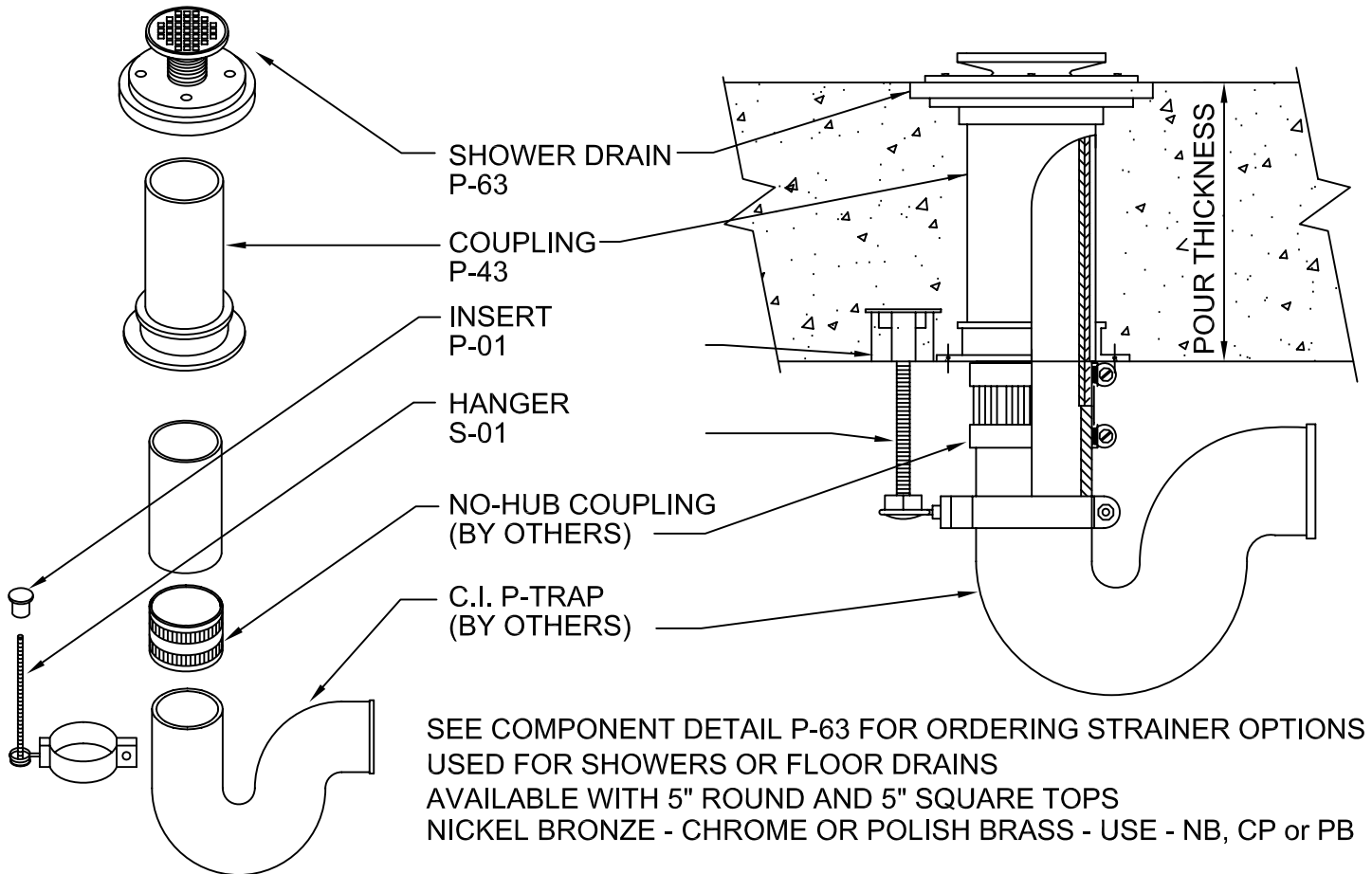
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FIRESTOP PENETRATOR™

DATE :
1-10-06

DRG . NO .
B 6320-A

SHOWER/FLOOR DRAIN STUB

CONCRETE ON WOOD FORM
FOR FLOORS



SEE COMPONENT DETAIL P-63 FOR ORDERING STRAINER OPTIONS
USED FOR SHOWERS OR FLOOR DRAINS
AVAILABLE WITH 5" ROUND AND 5" SQUARE TOPS
NICKEL BRONZE - CHROME OR POLISH BRASS - USE - NB, CP or PB

Size	Part No.	Description	Price	Unit Total
2"	P2563H-S or F	2" Shower/Floor Drain	44.10	
2"	P25902	2" P-90 Pipe Nipple	.60	
2"	A02238	2" Hanger Assembly	3.30	
3/8"	A00138BLK	Preset Insert	1.10	
2"	S25470	2" E-Z No-Hub Coupling	3.20	52.30
3"	P3563H-S or F	3" Shower/Floor Drain	46.65	
3"	P35903	3" P-90 Pipe Nipple	1.30	
3"	A03238	3" Hanger Assembly	5.30	
3/8"	A00138BLK	3/8" Preset Insert	1.10	
3"	S35470	3" E-Z No-Hub Coupling	5.60	59.95

-S After part number is for Shower Drain. -F After part number is for Floor Drain
Add (X) to PN for 5 1/2" Strainer - Add 25.00 Add (SQ) for 5" Square Strainer Add 30.00
Add CP for Chrome - Add NB for Nickel Bronze Strainers

W.H. Directory Reference 99 Edition
Firestop Device
W.H. Design No. PS/PH 120-02
F Rating 2 Hrs.



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DRG. NO. :
B 6320-A

FIRESTOP SYSTEMS

ProSet Systems, Inc.

1355 Capital Circle Lawrenceville, GA 30043-5866 U.S.A.

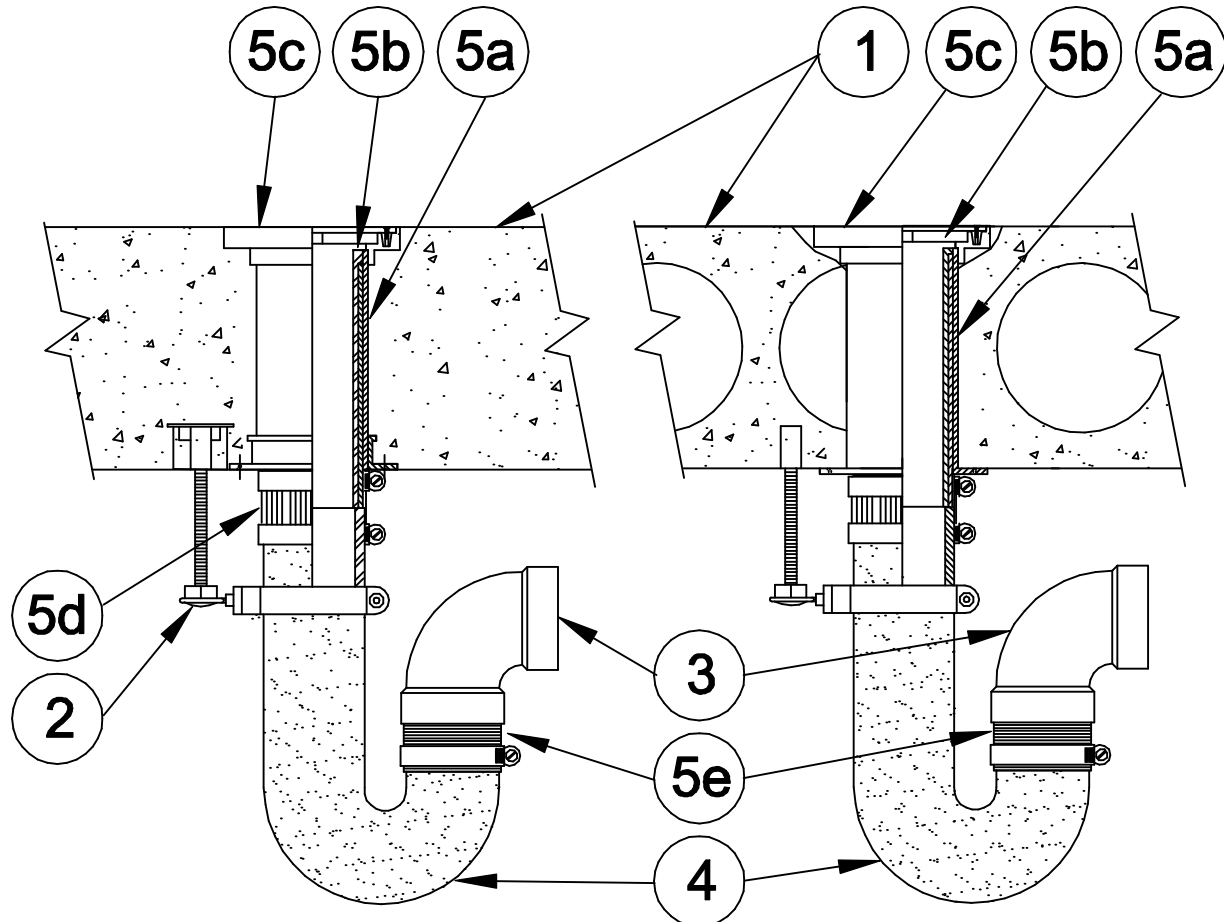
Design No. PS/PH 120-02

Horizontal (Floor) - See item 1.

Ratings: ASTM E-814 - 2 Hrs. (F), 0 Min. (T)

CAN/ULC-S115 - 2 Hrs. (F/FH), 0 Hrs. (FT/FTH)

Test Pressure Differential - 50 Pa (0.20 in. of Water) Minimum

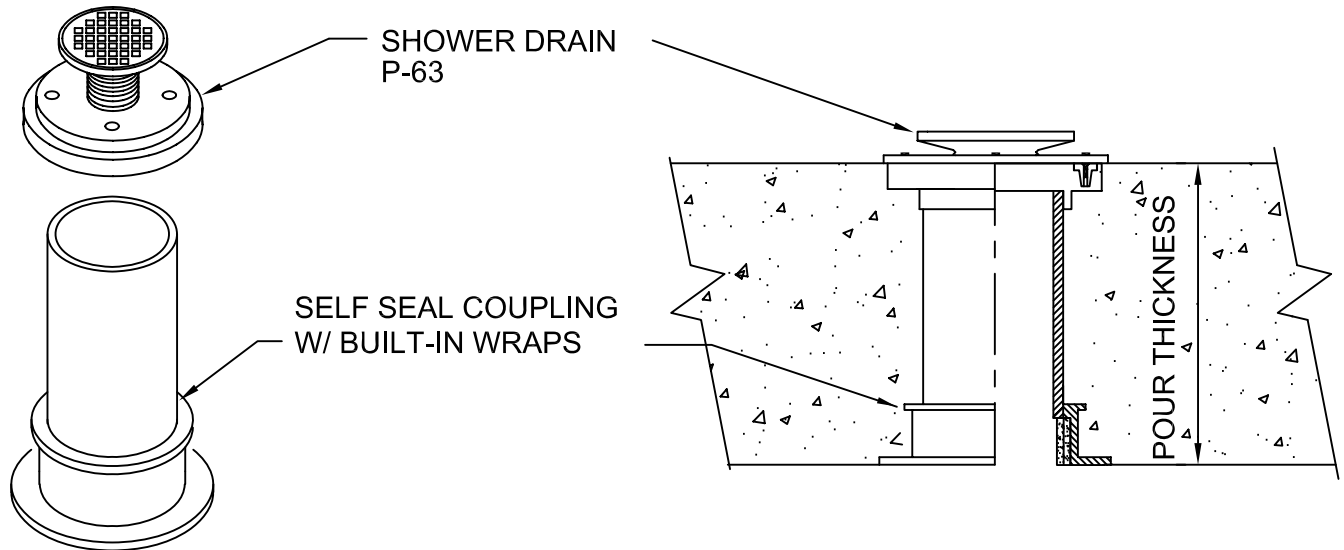


1. **Floor:** Minimum 4" thick normal density concrete slab or 7-1/2" thick hollowcore precast concrete floor units. Fluted decks with 2-1/2" concrete slab, rating is 1Hr F/FH.
2. **Pipe Support**
ProSet Hanger Type S-01, or other reliable support
3. **Pipe Materials:**
ABS, PVC Solid or Cell-core pipe or Cast Iron, maximum diameter 4".
4. **J-Bend P-Trap:**
Cast Iron or Plastic, maximum diameter 4".
5. **Firestop System Components:**
 - 5a. ProSet PVC Coupling, Cast-in place* or Cored hole Coupling*.
 - 5b. Cast Iron and Thin Wall PVC Liner, extends from top of coupling to 1" below coupling.
Optional P-90 PVC pipe can be substituted on the 2-inch size drain.
 - 5c. One of the following top assemblies: Shower Drain*, Floor Drain*, Clean-Out Cover*,
Domed Roof Drain*.
 - 5d. ProSet Mechanical Joint Adaptor Coupling.
 - 5e. ProSet EZ Flex* PVC Coupling.

*** Component Bearing the Warnock Hersey International Certification Mark.**

SHOWER/FLOOR DRAIN STUB

CONCRETE ON WOOD FORM
FOR FLOORS



SEE COMPONENT DETAIL P-63 FOR STRAINER OPTIONS
USED FOR SHOWERS OR FLOOR DRAINS. WITH OPTIONAL TOPS
SEE DRAWING C-6510-B FOR INSTALLATION ON STEEL FORMS.

IMPORTANT NOTES :

1. Remove the clamping ring & strainer use duct tape over the top of shower base flange to protect during concrete pour. Note: Not required for adjustable top floor drain.
2. Use nails through the special fastening flange holes to mount the self-seal flange to deck.
3. Solvent cement the shower/floor drain top to the top of the drain stub.
4. After the concrete pour, connect plastic pipe and trap to the bottom of the drain stub and complete the installation.

Also available with 5.75" round and 5" square strainer tops - See component drwg. P-63.



W.H. Directory Reference 99 Edition
Firestop Device
W.H. Design No. PS/PH 120-07
F Rating 2 Hrs.

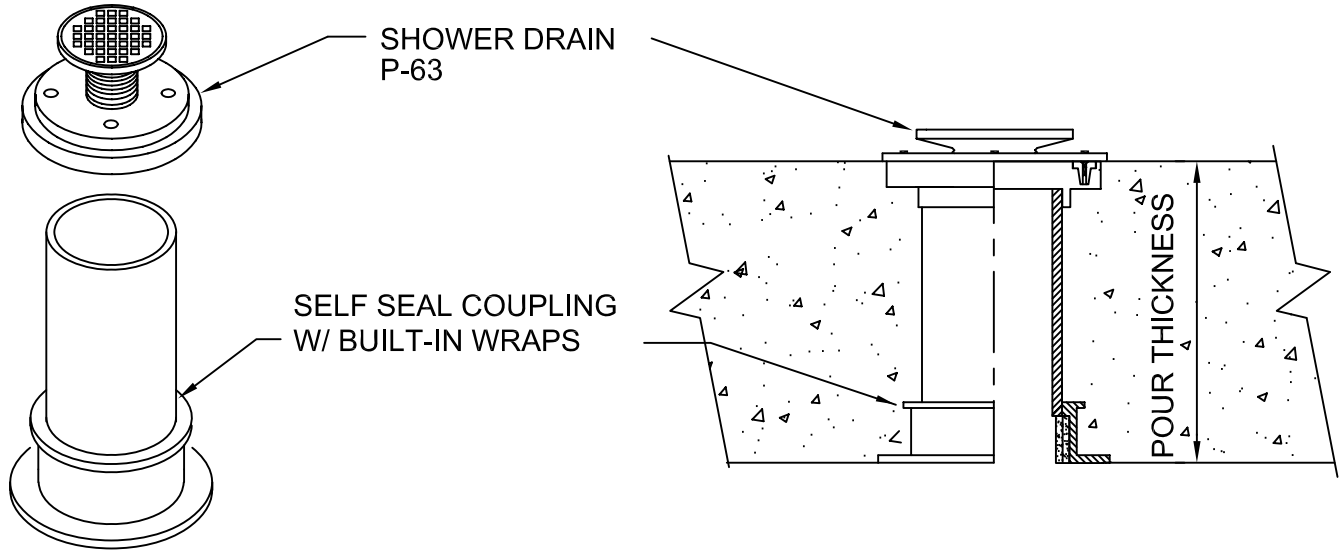


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SYSTEMS
FIRESTOP PENETRATOR™

DATE :
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DRG . NO .
C-6330-A-B

SHOWER/FLOOR DRAIN STUB

CONCRETE ON WOOD FORM
FOR FLOORS



SEE DRAWING C-6510-B FOR INSTALLATION ON STEEL FORMS.

Size	Part No.	Description	Price
2"	P2563H-S or F-SSW	2" Shower/Floor Drain With built-in Wrap Strips	52.75
3"	P3563H-S or F-SSW	3" Shower/Floor Drain With built-in Wrap Strips	67.35

-S After part number is for Shower Drain. -F After part number is for Floor Drain

Add suffix X for the 5" Strainer Top - Add \$25.00 to above.
Add suffix SQ for a 5" Square Top - Add \$ 30.00 to above.



W.H. Directory Reference 99 Edition
Firestop Device
W.H. Design No. PS/PH 120-07
F Rating 2 Hrs.



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DRG . NO .
C-6330-A-B

FIRESTOP SYSTEMS

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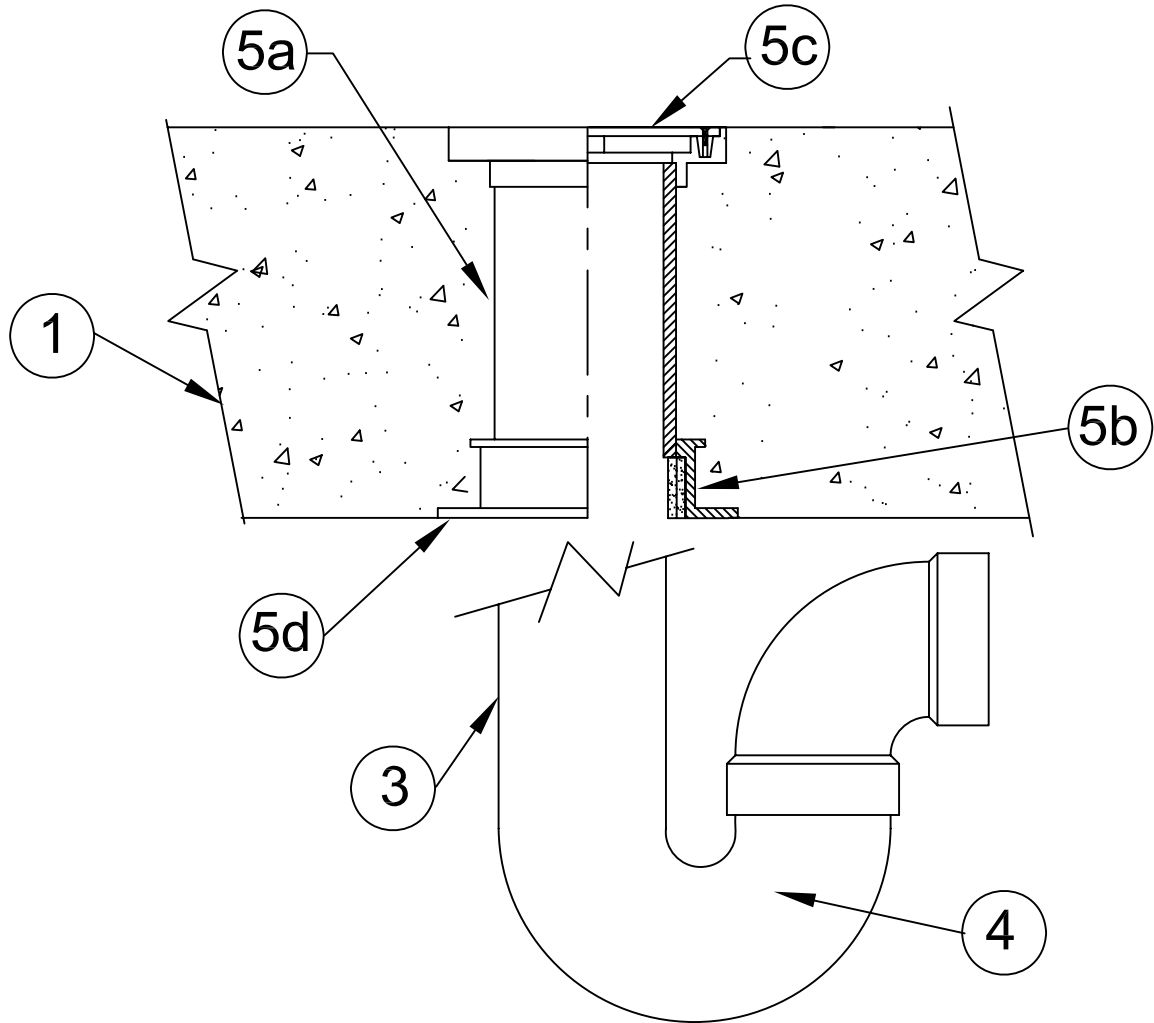
Design No. PS/PH 120-07

Horizontal (Floor)

Ratings: ASTM E-814 - 2 & 3 Hrs. (F), 0 Hrs. (T) (See PS/PHV 180-03)

CAN/ULC-S115 - 2 & 3 Hrs. (F/FH), 0 Hrs. (FT/FTH)

Test Pressure Differential - 50 Pa (0.20 in. of Water) Minimum



1. Floor:

Minimum 4" thick normal density concrete slab. F Rating of this penetration will equal that of the floor assembly up to 3 Hrs.

2. Pipe Support:

Pipe supported by solvent cementing the trap extension or pipe to sleeve coupling.

3. Pipe Materials:

ABS or cellular core PVC Pass-Through Pipe (Stacks), maximum diameter 4" (not shown).

4. P-Trap:

ABS or PVC, maximum diameter 4" (shown).

5. Firestop System Components:

5a. ProSet PVC Coupling*, cast-in-place.

5b. ProSet Self-Seal Intumescent Wrap Strips*.

One 1/4" thick wrap for 2" pipe, one 3/8" thick wrap for 3" pipe & one 5/8" thick wrap for a 4" pipe.

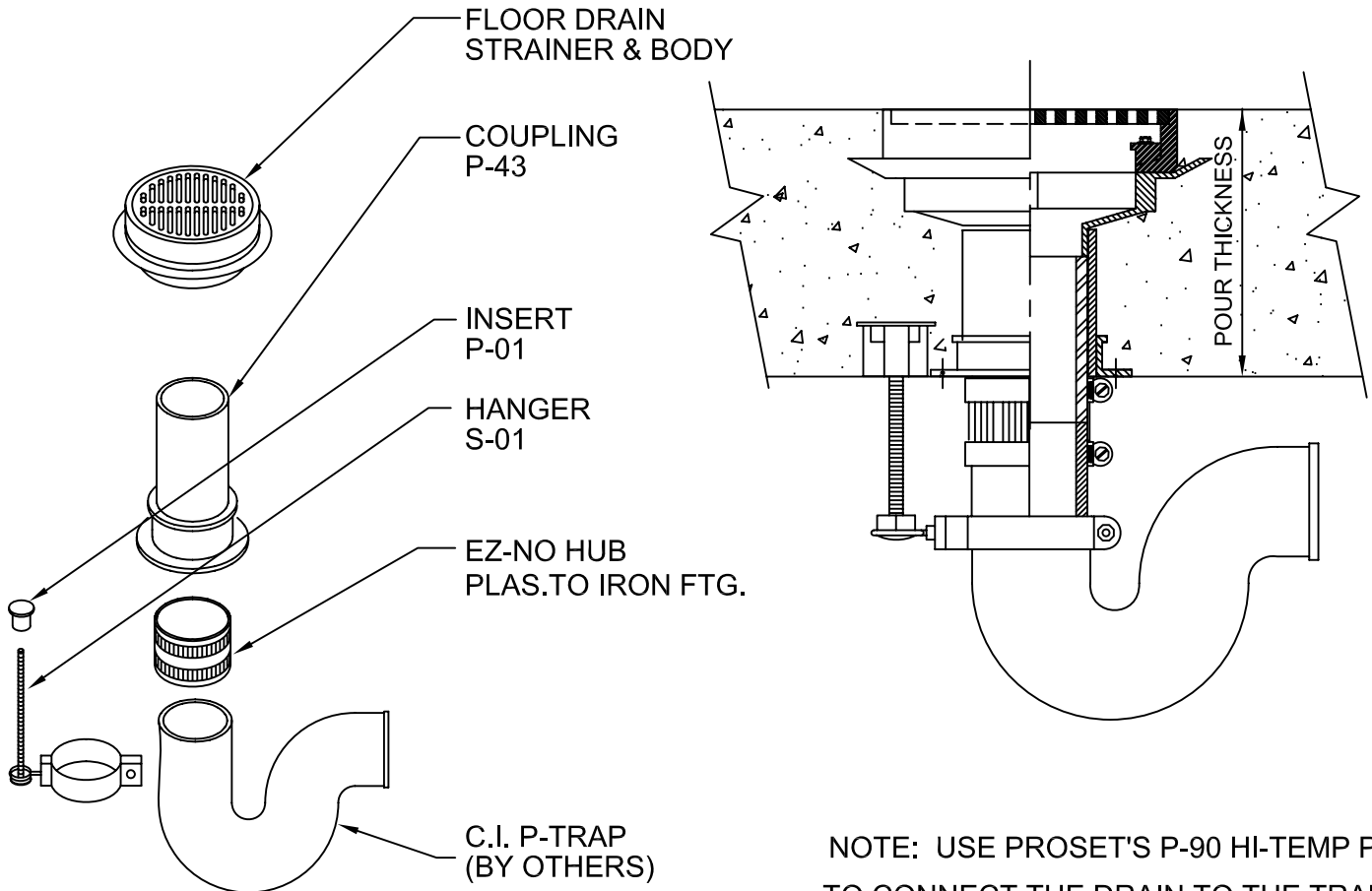
5c. Floor Drain or Shower Drain Assembly (shown).

5d. Proset Self Seal Mounting Flange*.

*** Component Bearing the Warnock Hersey International Certification Mark.**

FLOOR DRAIN STUB

CONCRETE ON WOOD FORM
FOR FLOORS



NOTE: USE PROSET'S P-90 HI-TEMP PVC
TO CONNECT THE DRAIN TO THE TRAP

IMPORTANT NOTES :

1. Order floor drain stub height to reflect the amount of pitch of concrete to the drain - 1/2" pitch requires ordering drain 1/2" shorter than the pour.
2. Use duct tape over the top of floor drain to protect during concrete pour.
3. Use nails through flange holes to mount the floor drain to the deck.
4. Set the P-01 insert abutting against the mounting flange.
5. Insert & solvent weld the proper length P-90 pipe into the bottom of coupling.
6. Connect the P-Trap to the P-90 fitting using a transitional no-hub coupling.
7. Install the S-01 hanger to the P-Trap in a secure manner.



W.H. Directory Reference 99 Edition
Firestop Device
W.H. Design No. PS/PH 120-02
F Rating 2 Hrs.



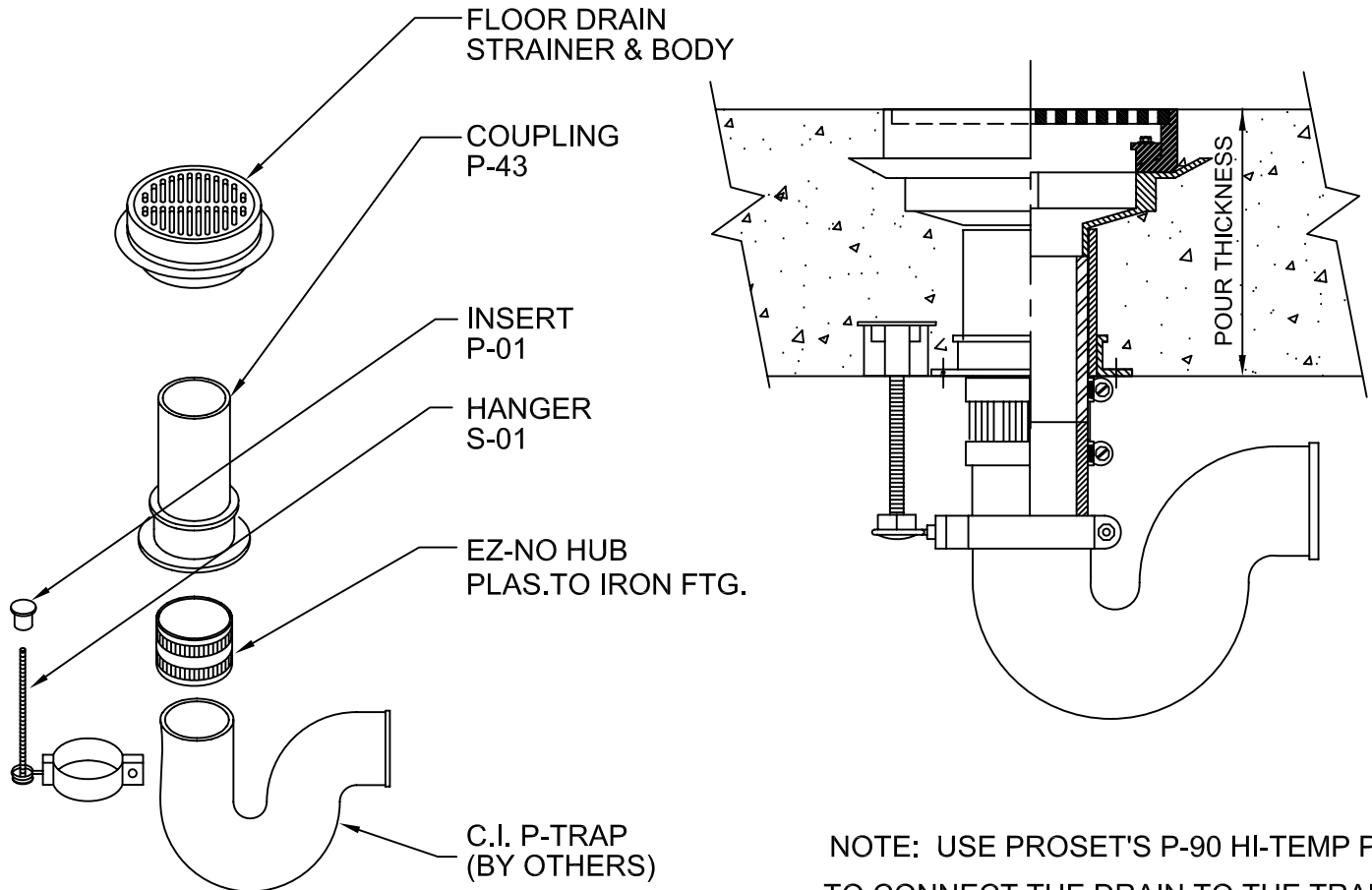
PROSET[®]
SYSTEMS
FIRESTOP PENETRATOR™

DATE :
1-10-06

DRG. NO .
B-6510X-A

FLOOR DRAIN STUB

CONCRETE ON WOOD FORM
FOR FLOORS



NOTE: USE PROSET'S P-90 HI-TEMP PVC TO CONNECT THE DRAIN TO THE TRAP

Size	Part No.	Description	Price	Unit Total
3"	P3565HX	3" C.I. X.H. Floor Drain	60.15	
3"	P35903	3" P-90 Pipe Nipple	1.30	
3"	A03238	3" Hanger Assembly	5.30	
3"	S35470	3" E-Z No-Hub Coupling	5.60	72.35
4"	P4565HX	4" C.I. X.H. Floor Drain	62.45	
4"	P45903	4" P-90 Pipe Nipple	1.75	
4"	A04238	4" Hanger Assembly	12.90	
4"	S45470	4" E-Z No-Hub Coupling	7.45	84.55



W.H. Directory Reference 99 Edition
Firestop Device
W.H. Design No. PS/PH 120-02
F Rating 2 Hrs.



PROSET[®]
SYSTEMS
FIRESTOP PENETRATOR™

DATE :
1-10-08

DRG. NO.
B-6510X-A

FIRESTOP SYSTEMS

ProSet Systems, Inc.

1355 Capital Circle Lawrenceville, GA 30043-5866 U.S.A.

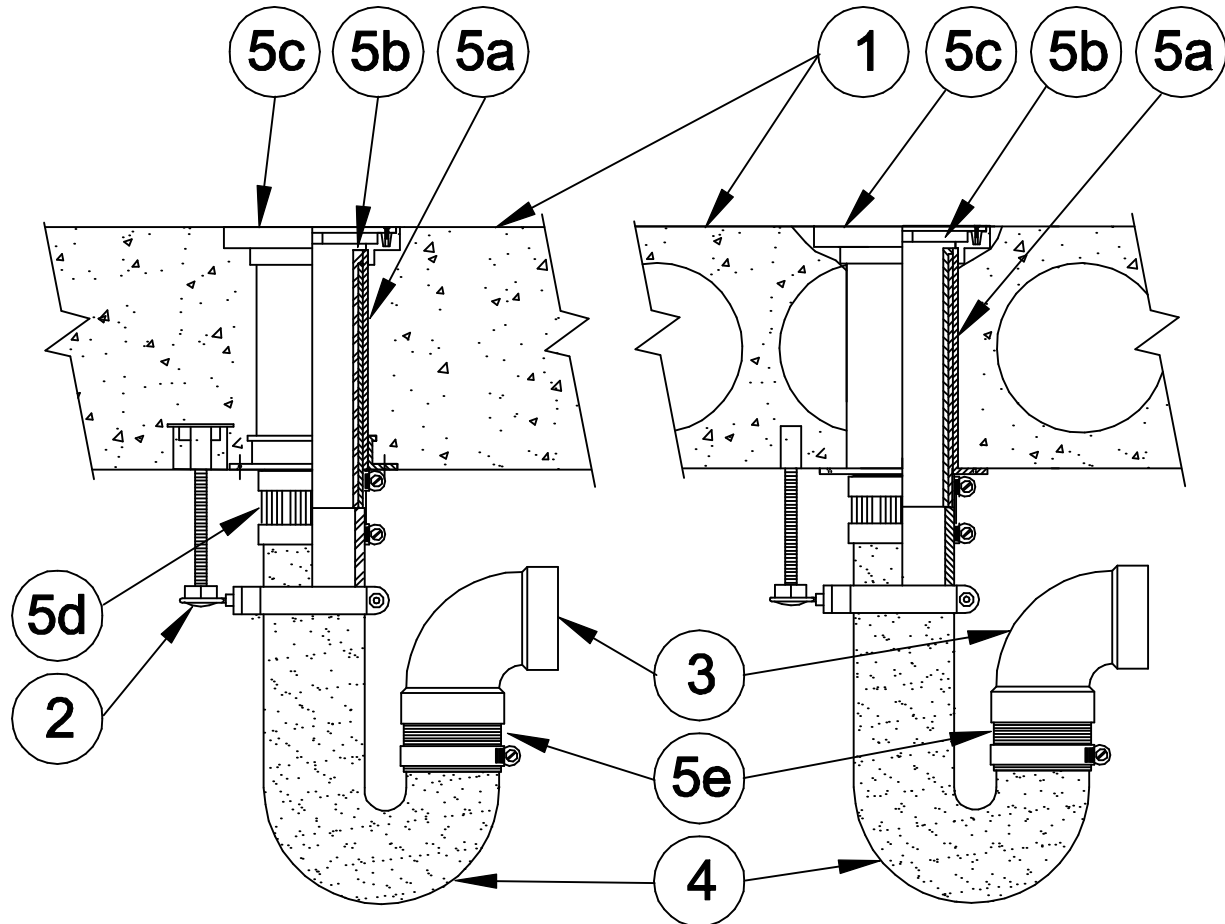
Design No. PS/PH 120-02

Horizontal (Floor) - See item 1.

Ratings: ASTM E-814 - 2 Hrs. (F), 0 Min. (T)

CAN/ULC-S115 - 2 Hrs. (F/FH), 0 Hrs. (FT/FTH)

Test Pressure Differential - 50 Pa (0.20 in. of Water) Minimum

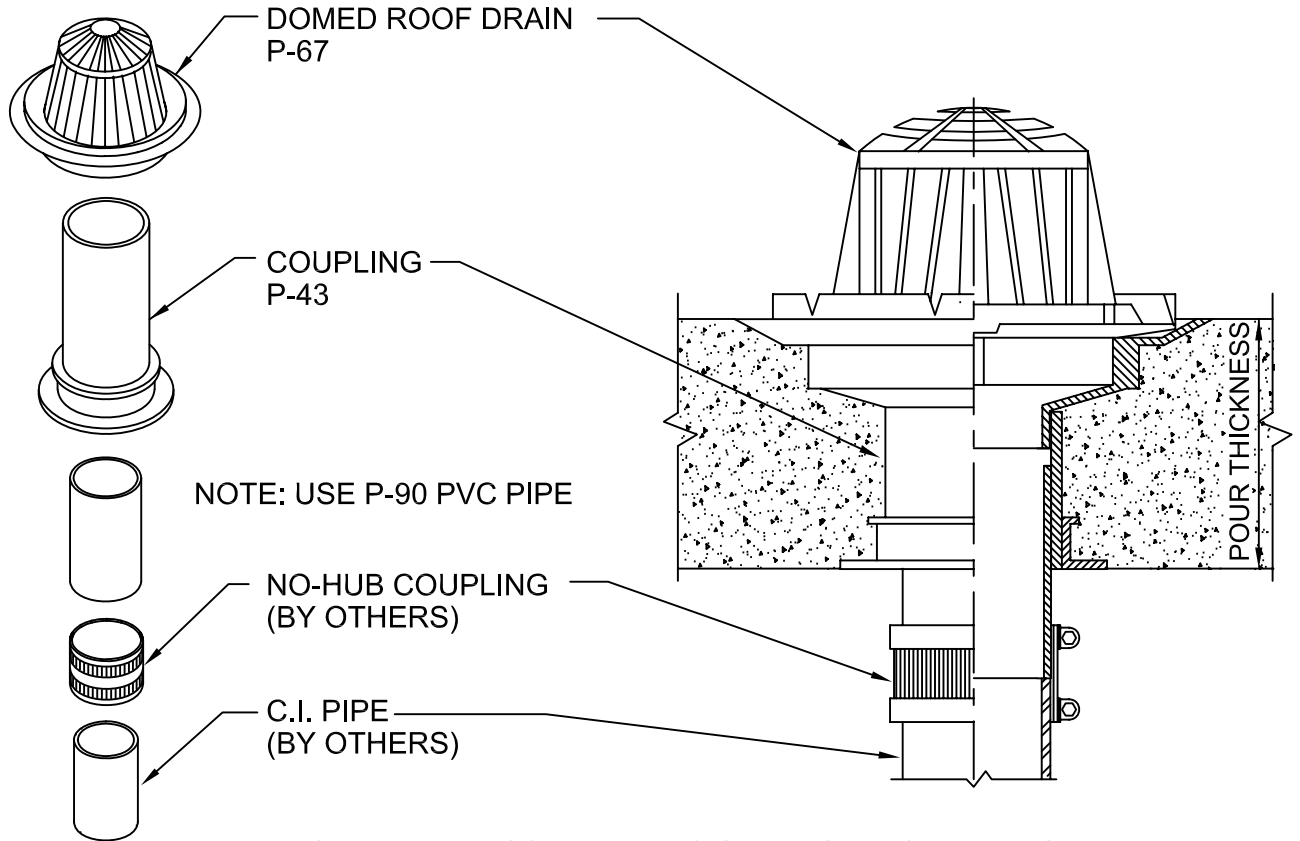


1. **Floor:** Minimum 4" thick normal density concrete slab or 7-1/2" thick hollowcore precast concrete floor units. Fluted decks with 2-1/2" concrete slab, rating is 1Hr F/FH.
2. **Pipe Support**
ProSet Hanger Type S-01, or other reliable support
3. **Pipe Materials:**
ABS, PVC Solid or Cell-core pipe or Cast Iron, maximum diameter 4".
4. **J-Bend P-Trap:**
Cast Iron or Plastic, maximum diameter 4".
5. **Firestop System Components:**
 - 5a. ProSet PVC Coupling, Cast-in place* or Cored hole Coupling*.
 - 5b. Cast Iron and Thin Wall PVC Liner, extends from top of coupling to 1" below coupling.
Optional P-90 PVC pipe can be substituted on the 2-inch size drain.
 - 5c. One of the following top assemblies: Shower Drain*, Floor Drain*, Clean-Out Cover*,
Domed Roof Drain*.
 - 5d. ProSet Mechanical Joint Adaptor Coupling.
 - 5e. ProSet EZ Flex* PVC Coupling.

*** Component Bearing the Warnock Hersey International Certification Mark.**

ROOF DRAIN STUB

CONCRETE ON WOOD FORM
FOR FIRE RATED ROOF



SEE DRAWINGS B-6500-B,C OR D FOR INSTALLATION
IN TUNNEL FORMS, METAL DECK OR EXISTING CONC.

IMPORTANT NOTES :

1. Remove the dome & clamping ring use duct tape over the top roof drain flange to protect during concrete pour.
2. Use nails through the flange holes to mount the drain to deck.
3. After the concrete pour, insert & solvent weld the proper length P-90 pipe into the bottom of drain coupling.
4. Install the S-47 No-Hub adaptor coupling from the P-90 pipe to other cast iron pipe.
5. Install clamping ring to water proofing material - install the cast iron dome top.

Note : This assembly is only required when roof is fire rated, when rating is not required, the P-90 pipe can be omitted.



W.H. Directory Reference 99 Edition
Firestop Device
W.H. Design No. PS/PH 120-02
F Rating 2 Hrs.



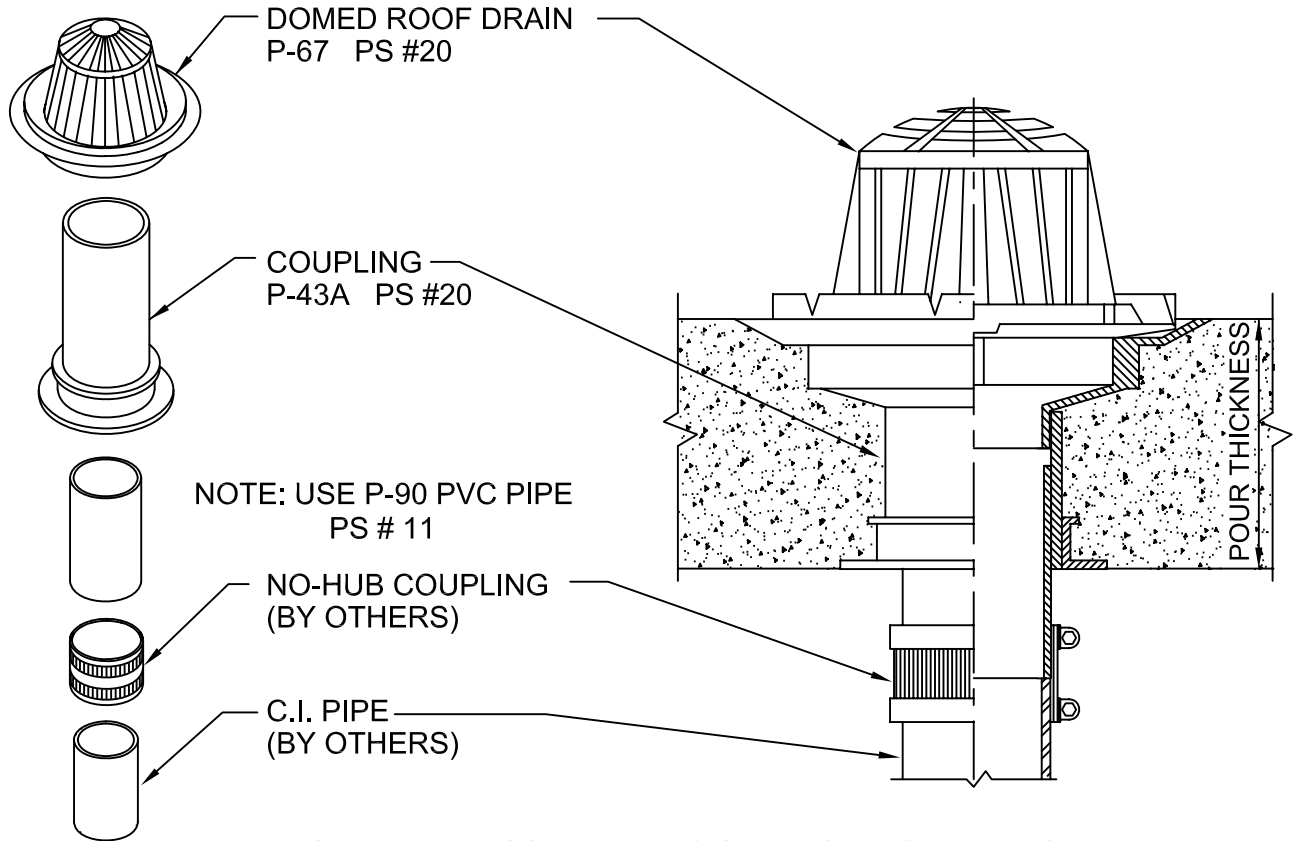
PROSET[®]
SYSTEMS
FIRESTOP PENETRATOR™

DATE :
1-10-06

DRG. NO .
B-6700-A
B,C OR D

ROOF DRAIN STUB

CONCRETE ON WOOD FORM
FOR FIRE RATED ROOF



NOTE: USE P-90 PVC PIPE
PS # 11

SEE DRAWINGS B-6500-B,C OR D FOR INSTALLATION
IN TUNNEL FORMS, METAL DECK OR EXISTING CONC.

Size	Part No.	Description	Price	Unit Total
2"	P2567H	2" Roof Drain	46.15	
2"	P25902	2" P-90 PVC Pipe	.60	
2"	S25470	2" E-Z No-Hub Coupling	3.20	49.95
3"	P3567H	3" Roof Drain	50.30	
3"	P35903	3" P-90 PVC Pipe	1.30	
3"	S35470	3" E-Z No-Hub Coupling	5.60	57.20
4"	P4567H	4" Roof Drain	51.45	
4"	P45904	4" P-90 PVC Pipe	1.75	
4"	S45470	4" E-Z No-Hub Coupling	7.45	60.65

Note: P-90 pipe not needed if roof is not rated.



W.H. Directory Reference 99 Edition
Firestop Device
W.H. Design No. PS/PH 120-02
F Rating 2 Hrs.



PROSET[®]
SYSTEMS
FIRESTOP PENETRATOR™

DATE :
1-10-08

DRG. NO.
B-6700-A
B,C OR D

FIRESTOP SYSTEMS

ProSet Systems, Inc.

1355 Capital Circle Lawrenceville, GA 30043-5866 U.S.A.

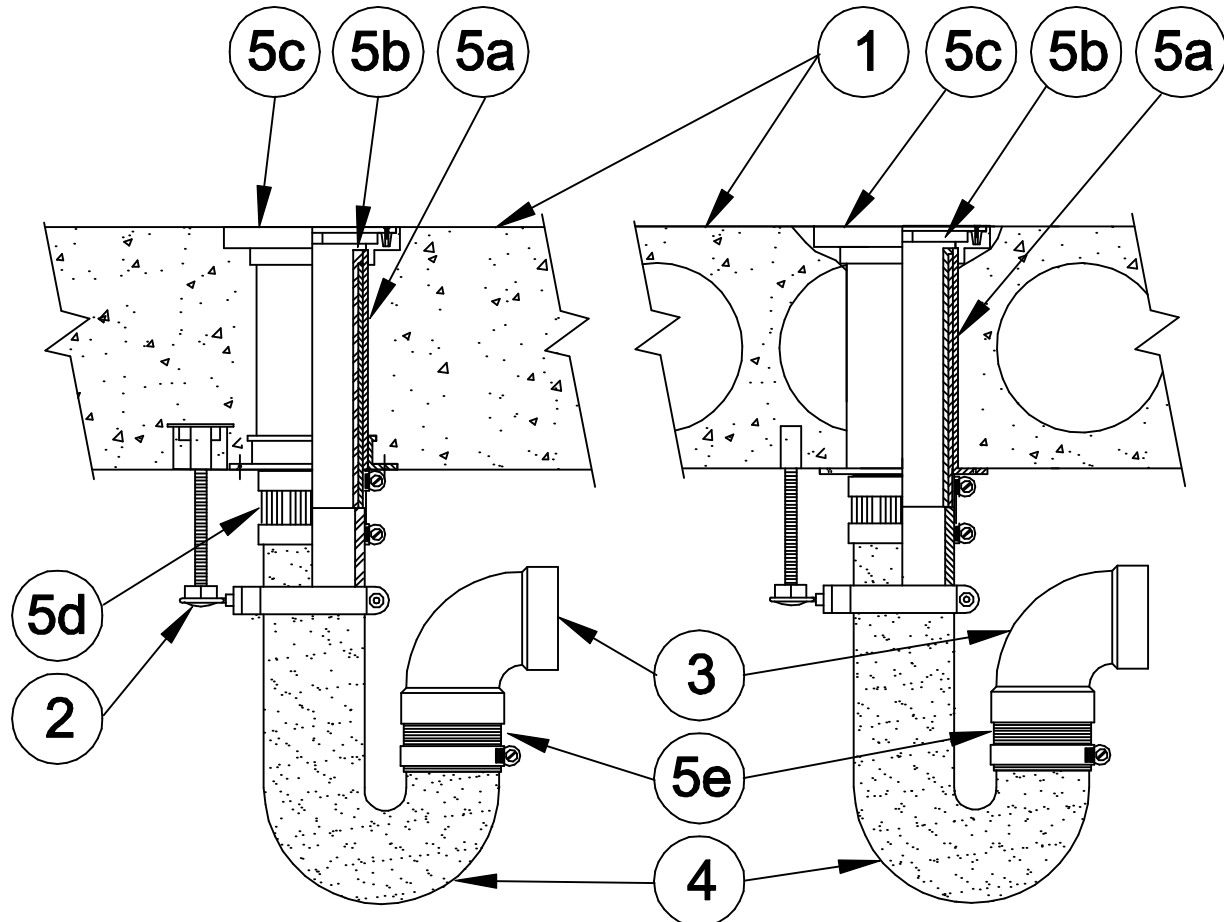
Design No. PS/PH 120-02

Horizontal (Floor) - See item 1.

Ratings: ASTM E-814 - 2 Hrs. (F), 0 Min. (T)

CAN/ULC-S115 - 2 Hrs. (F/FH), 0 Hrs. (FT/FTH)

Test Pressure Differential - 50 Pa (0.20 in. of Water) Minimum

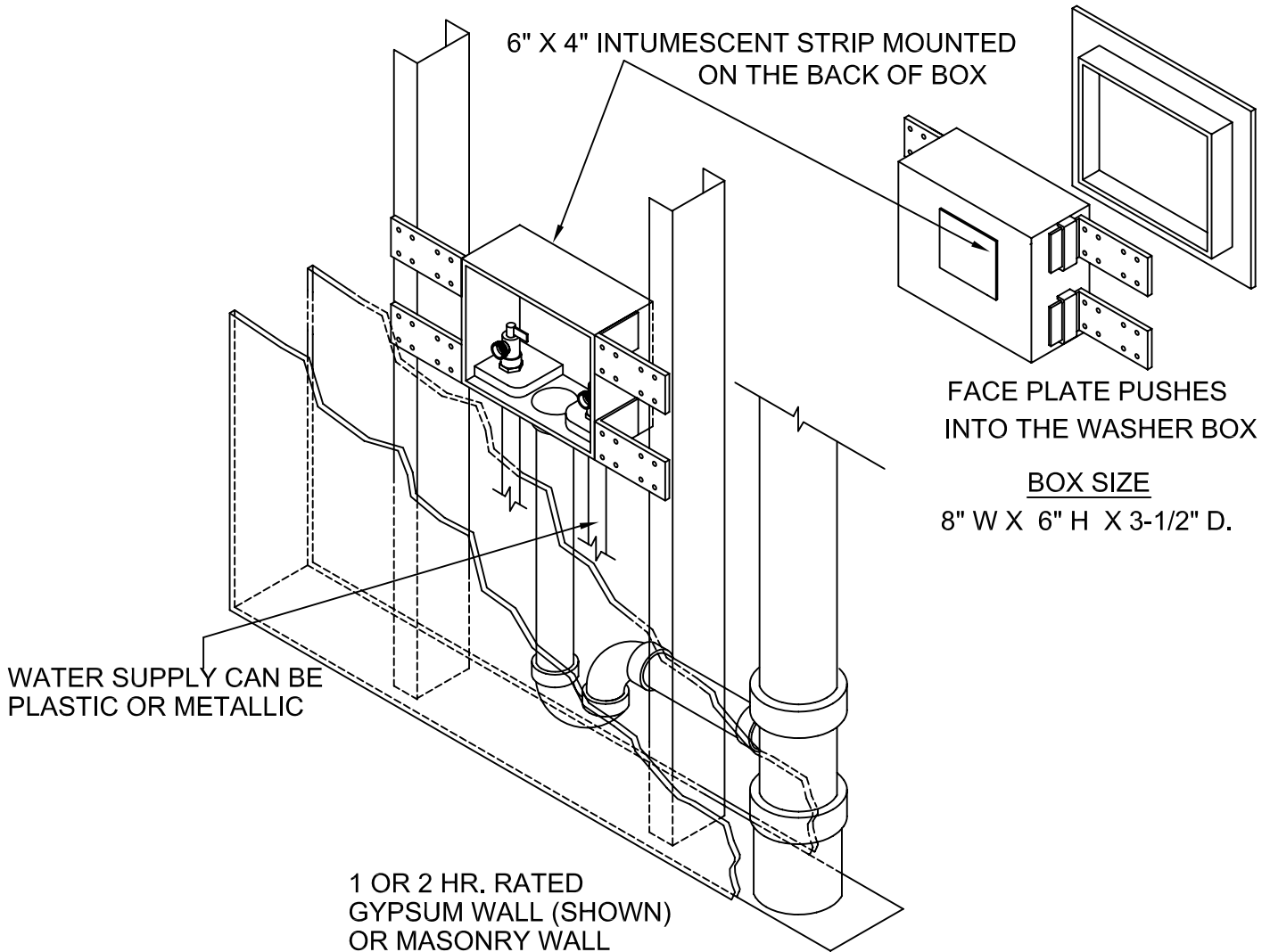


1. **Floor:** Minimum 4" thick normal density concrete slab or 7-1/2" thick hollowcore precast concrete floor units. Fluted decks with 2-1/2" concrete slab, rating is 1Hr F/FH.
2. **Pipe Support**
ProSet Hanger Type S-01, or other reliable support
3. **Pipe Materials:**
ABS, PVC Solid or Cell-core pipe or Cast Iron, maximum diameter 4".
4. **J-Bend P-Trap:**
Cast Iron or Plastic, maximum diameter 4".
5. **Firestop System Components:**
 - 5a. ProSet PVC Coupling, Cast-in place* or Cored hole Coupling*.
 - 5b. Cast Iron and Thin Wall PVC Liner, extends from top of coupling to 1" below coupling.
Optional P-90 PVC pipe can be substituted on the 2-inch size drain.
 - 5c. One of the following top assemblies: Shower Drain*, Floor Drain*, Clean-Out Cover*,
Domed Roof Drain*.
 - 5d. ProSet Mechanical Joint Adaptor Coupling.
 - 5e. ProSet EZ Flex* PVC Coupling.

*** Component Bearing the Warnock Hersey International Certification Mark.**

FIRE GUARD WASHER BOX

FOR POKING OUT OF GYPSUM OR MASONRY WALLS



IMPORTANT INSTALLATION NOTES :

1. Remove all parts from the package. Insert the four mounting brackets into the slots on both sides of the box. Set the brackets into the slots so the face of the box fits flush with the finished wall. Make sure the brackets are secured to the studs so the box is installed plumb and above the height of the washer.
2. Align the ball valves so the spouts point out of the box; tighten lock nuts. Connect water supply to valves. Solvent cement the 2" ABS or PVC drain pipe to the box opening. Install a test plug if testing is necessary.
3. The drywall cut out should be as close to the sides of the box as possible. Gaps of 3/8" or less can be filled with regular drywall cement. Gaps larger than 1/2" must be filled with an approved silicone caulk.
4. When the wall surface is completely finished, snap the face plate into the box to complete the installation.
5. Valves should always be turned to the off position when not being used.



W.H. Directory Reference 05 Edition
Firestop Device
W.H. Design No. PS/PV 120-08
F Rating 2 Hrs.

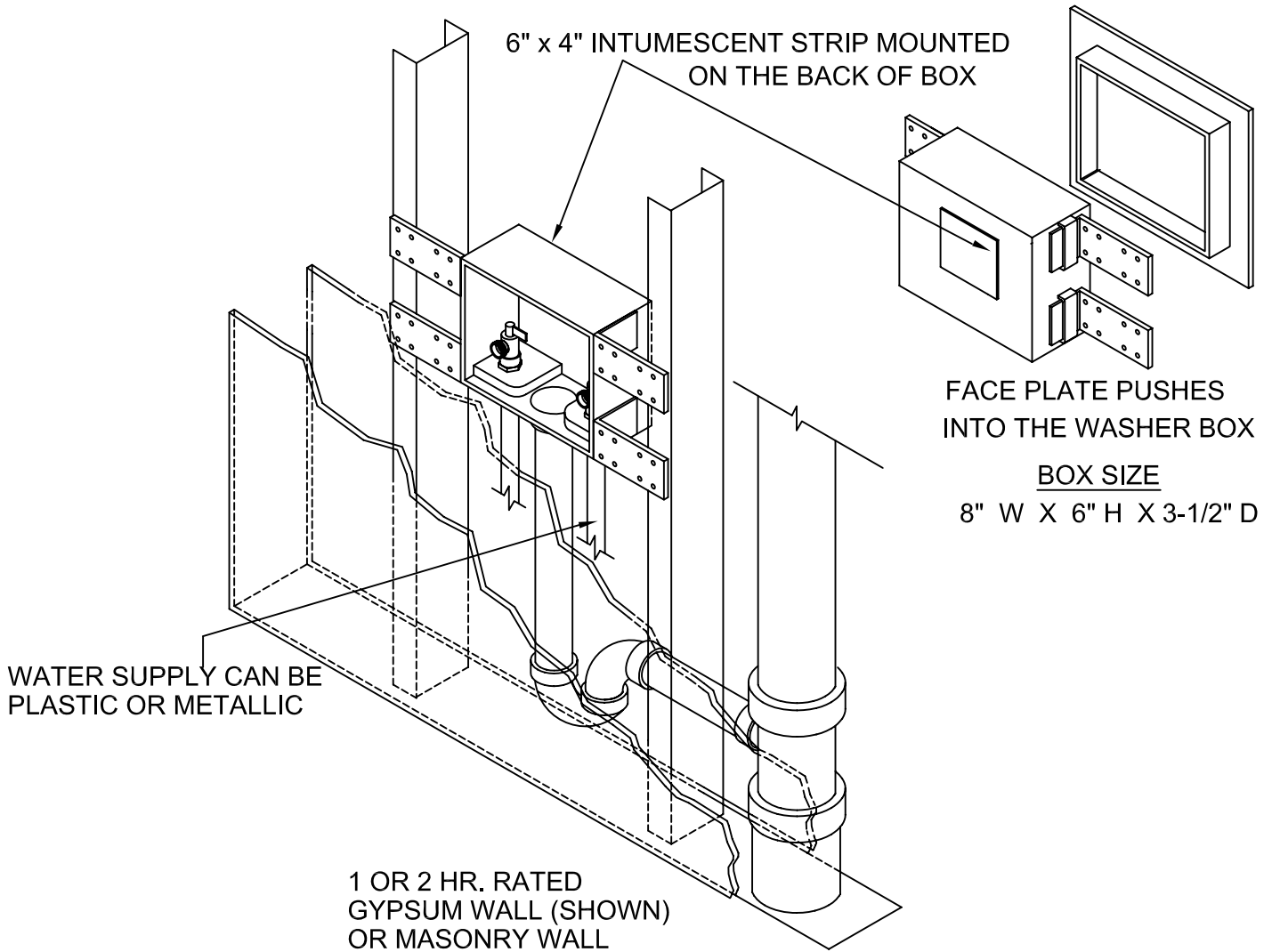


PROSET[®]
SYSTEMS
FIRESTOP PENETRATOR™

DATE :
1-10-06
DRG. NO. :
C-8119-F

FIRE GUARD WASHER BOX

FOR POKING OUT OF GYPSUM OR MASONRY WALLS



Size	Part No.	Description	Price
2"	P25410	Fire Guard Washer Box	34.50
2"	P25410-V	Fire Guard Washer Box w/ Ball Valves	47.50
2"	P25410-VA	F. G. Washer Box w/ Ball Valves & Air Arresters	64.50
2"	P25410-I V	Fire Guard Ice Maker Box w/ Ball Valve	40.50
2"	P25410-VSG	Fire Guard Washer Box w/ Suds Guard	64.50
2"	P25410-IVA	Fire Guard Ice Maker w/ Valve & Arrester	59.00



W.H. Directory Reference 05 Edition
Firestop Device
W.H. Design No. PS/PV 120-08
F Rating 2 Hrs.



PROSET[®]
SYSTEMS
FIRESTOP PENETRATOR™

DATE :
1-10-06
DRG. NO. :
C-8119-F

FIRESTOP SYSTEMS

ProSet Systems, Inc.

1355 Capital Circle Lawrenceville, GA 30043-5866 U.S.A.

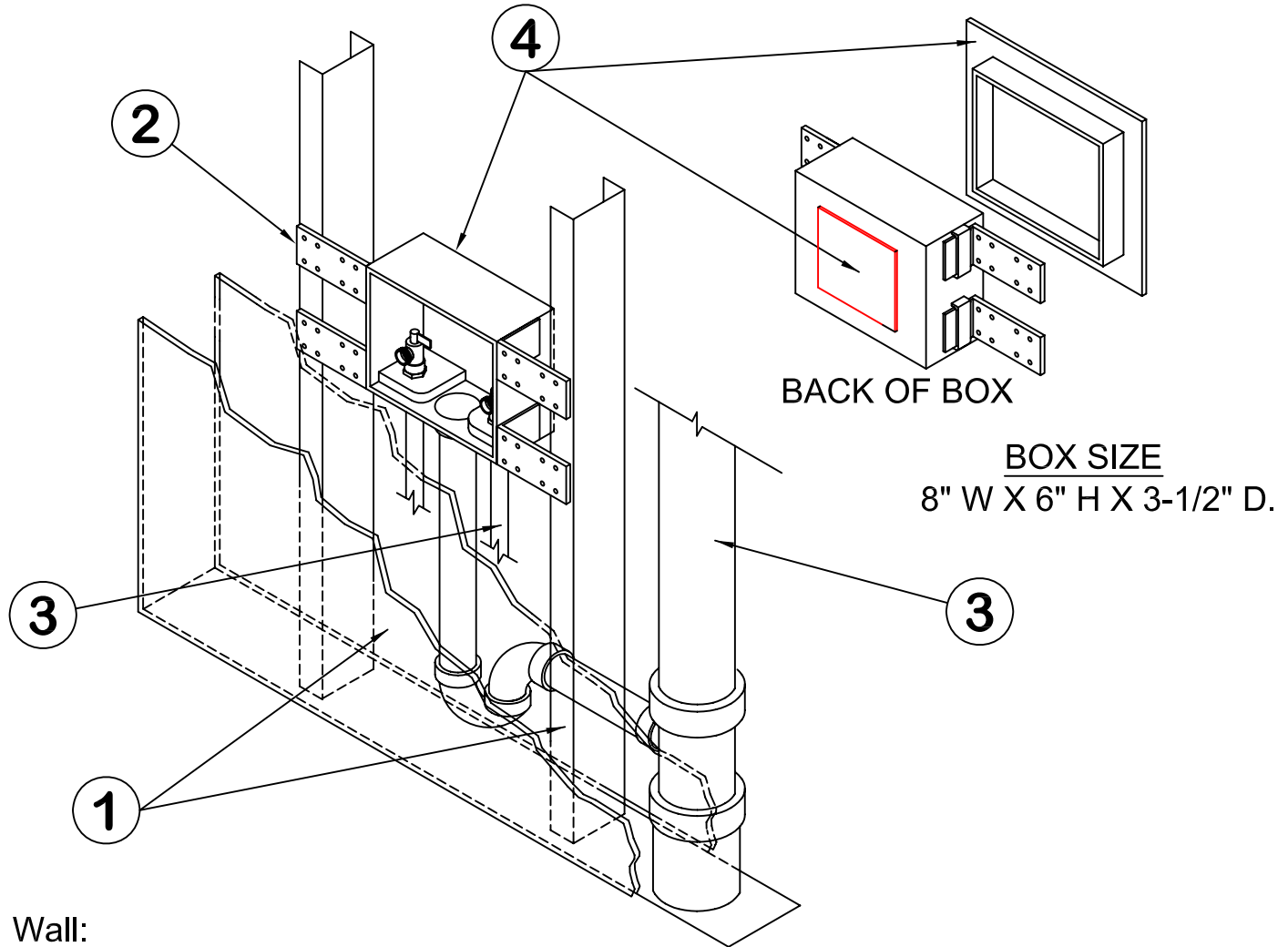
Design No. PS/PV 120-08

Vertical (wall)

Ratings: ASTM E-814 - 2 Hrs. (F), 1 Hrs. (T) See item 1.

CAN/ULC - S115- 2 Hrs. (F/FH) 1 Hrs. (FT/FTH)

Test Pressure Differential - 2.5 Pa (0.01 in. of Water) Minimum



1. Wall:

Gypsum board / steel or wood stud wall, with minimum 3-1/2" cavity width, having a one- or two-hour fire rating. 'F' Rating of system will equal that of the wall assembly. 1 hour 'T' Rating when the wall rating is 2 hour.

2. Pipe Support:

Box and vertical pipe shall be supported by attaching the four box brackets in a secure manner to the wall studs. Branch and Stack piping to be rigidly supported within the cavity of the wall.

3. Pipe Material:

Nominal 2" or larger Metallic, ABS or PVC DWV piping. Metallic or Plastic water supply piping.

4. Firestop Device:

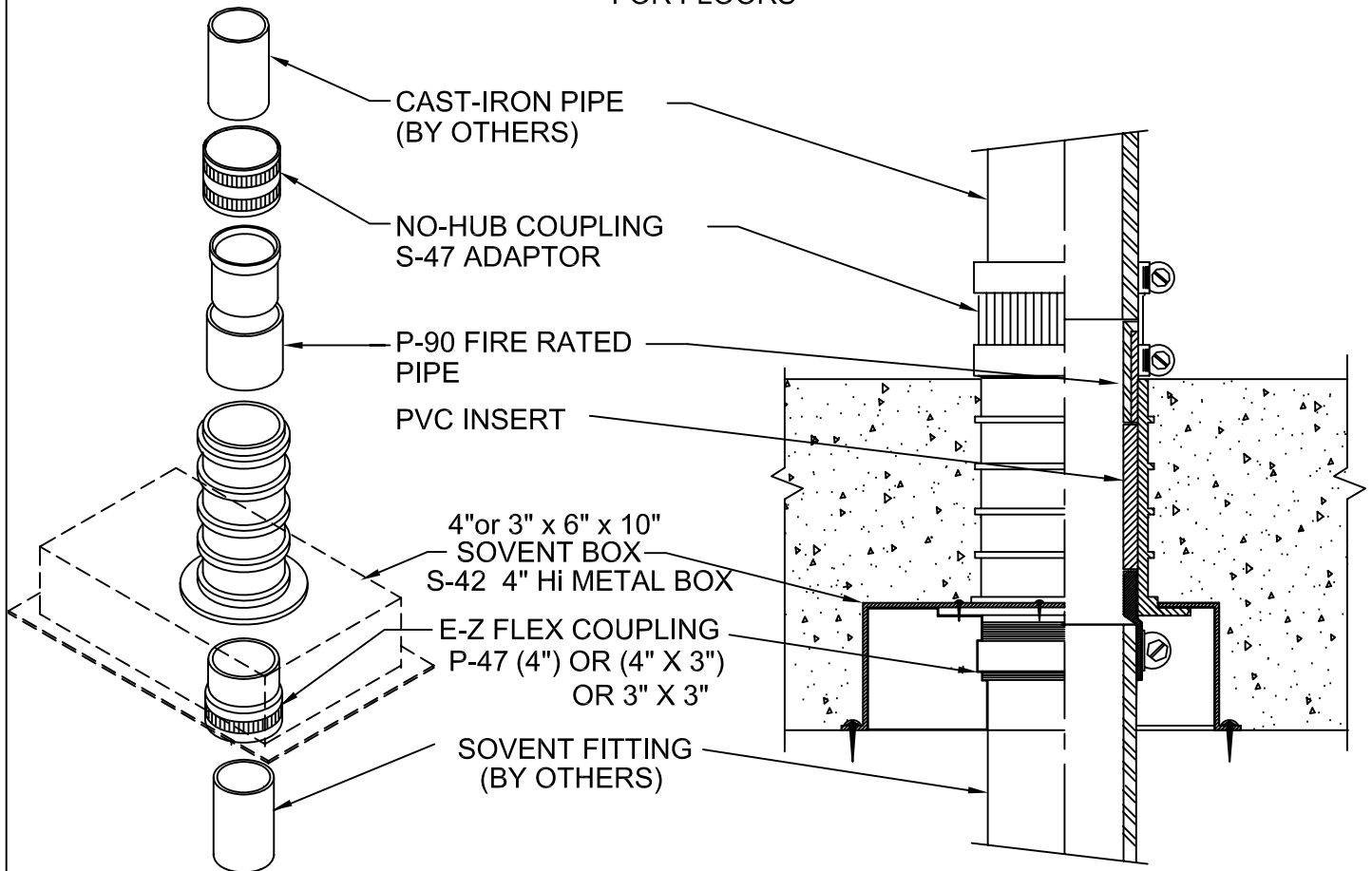
ProSet " Fire Guard Washer Box* " made with a special fire rated resin with One 6" X 4" Red Intumescent adhesive pad mounted to the back of the box.

IMPORTANT: Washer Box units cannot be installed back to back within the same wall cavity. Gaps up to 1/2" around the box can be sealed with regular drywall cement. Gaps over 1/2" must be sealed with a silicone firestop sealant applied to the full depth of the membrane.

*** Component Bearing the Warnock Hersey International Certification Mark.**

SOVENT STACK BOX

POURED CONCRETE ON WOOD FORM
FOR FLOORS



IMPORTANT NOTES :

1. Line up the box to fit into the plumbing wall & make sure the recess will be covered by the drop ceiling.
2. Use the nail holes in the Sovent box to secure to the deck.
3. After the concrete pour, remove protective cap & solvent weld the P90 pipe into the sleeve coupling.
4. Install the S-47 No-Hub adaptor from the P90 pipe to cast iron pipe.
5. Connect Aerator fitting into the factory installed E-Z Flex Coupling at the bottom of sleeve coupling.
6. Connect the no-hub pipe between the Aerator bottom & the E-Z no-hub on top of the sleeve coupling to complete the stack installation.



W.H. Directory Reference 99 Edition
Firestop Device
W.H. Design No. PS/PH 120-01
F Rating 2 Hrs.



PROSET[®]
SYSTEMS
FIRESTOP PENETRATOR™

DATE :

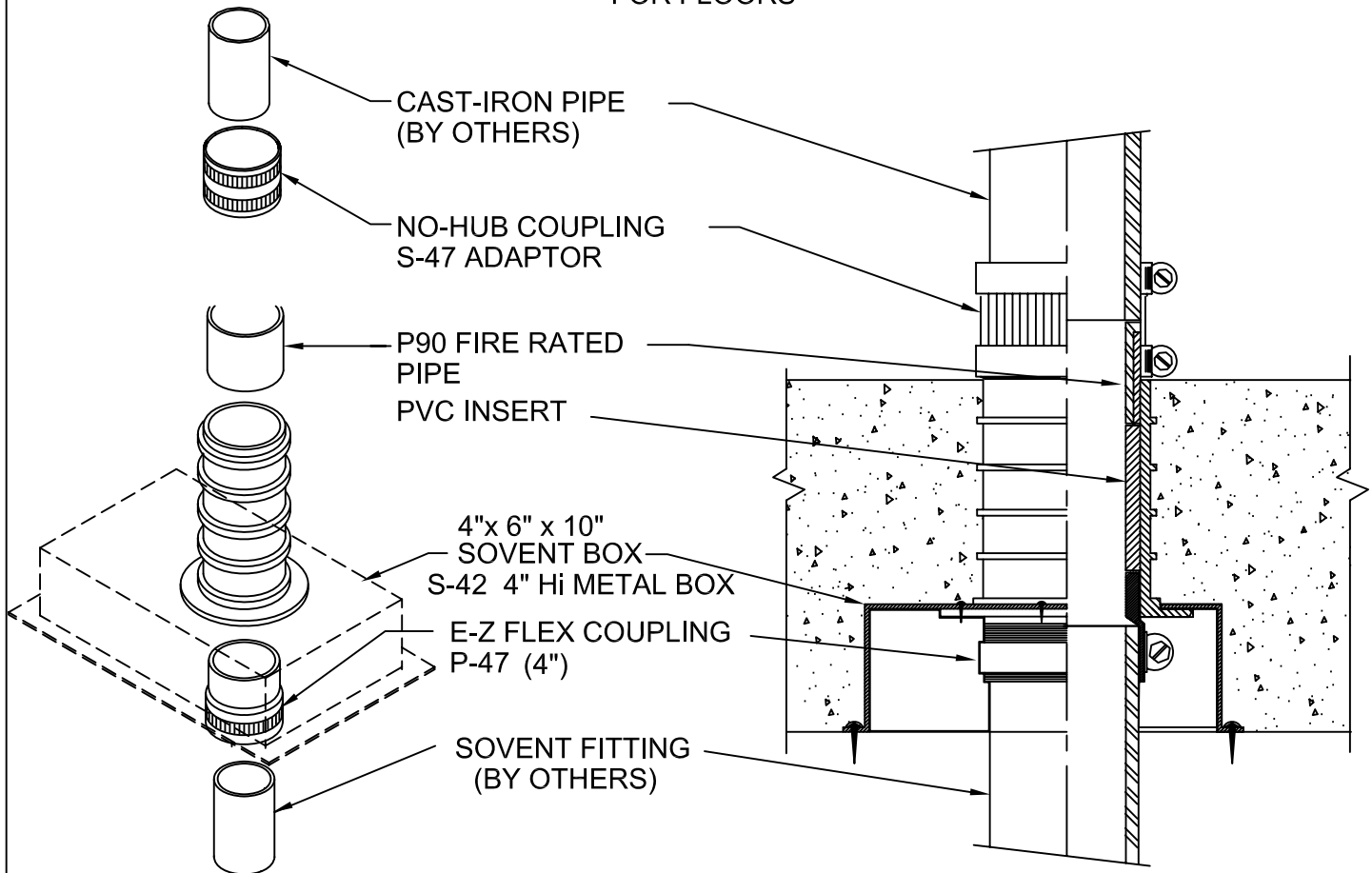
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DRG . NO .

B-4813-AS

SOVENT STACK BOX

POURED CONCRETE ON WOOD FORM
FOR FLOORS



Size	Part No.	Description	Price	Unit Total
4"	S4542H-EZ	4" Hi Metal Box with Factory installed E-Z Flex	39.00	
4"	S45470	4" E-Z No-Hub	7.45	
4"	P45904	Fire Rated Pipe	1.75	48.20
3"	S3542H-EZ	4" Hi Metal Box with Factory installed E-Z Flex	32.15	
3"	S35470	3" E-Z No-Hub	7.45	
3"	P35903	3" Fire Rated Pipe	1.30	40.90



W.H. Directory Reference 99 Edition
Firestop Device
W.H. Design No. PS/PH 120-01
F Rating 2 Hrs.



PROSET[®]
SYSTEMS
FIRESTOP PENETRATOR[™]

DATE :
1-10-08

DRG . NO .
B-4813-AS

FIRESTOP SYSTEMS

ProSet Systems, Inc.

1355 Capital Circle Lawrenceville, GA. 30043-5866 U.S.A.

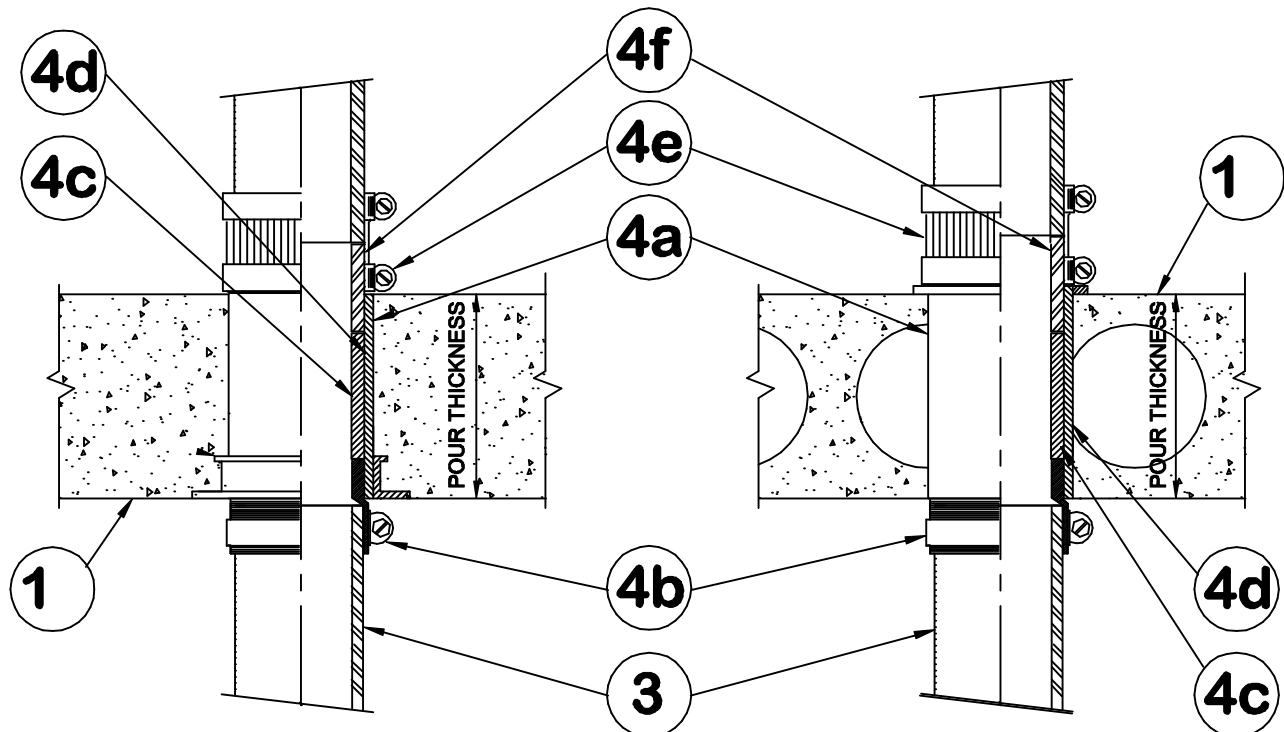
Design No. PS/PH 120-01

Horizontal (Floor)

Ratings: ASTM E-814 - 2 Hrs. (F), 65 Min. (T)

CAN/ULC-S115 - 2 Hrs. (F/FH), 65 Min. (FT/FTH)

Test Pressure Differential - 50 Pa (0.20 in. of Water) Minimum



1. Floor:

Minimum 4-1/2" thick normal density concrete slab or 7-1/2" thick hollowcore precast concrete floor units.

2. Pipe Support:

Support for the riser pipe is provided by connecting the pipe to the penetration firestop device.

3. Pipe Material:

Cast iron, maximum diameter 4 in.

Sch. 40 PVC. One transition from Iron to PVC or PVC to Iron permitted per stack.

4. Firestop System Components:

4a. ProSet PVC Coupling*, cast-in-place, or Cored Hole Coupling*, length equal to slab thickness. Optional waterproofing caulk may be used under seal ring.

4b. ProSet EZ Flex Coupling*, solvent welded into bottom.

4c. PVC insert, Sch. 40 pipe to make up top socket.

4d. PVC Thin Wall pipe over a special cast iron liner pipe.

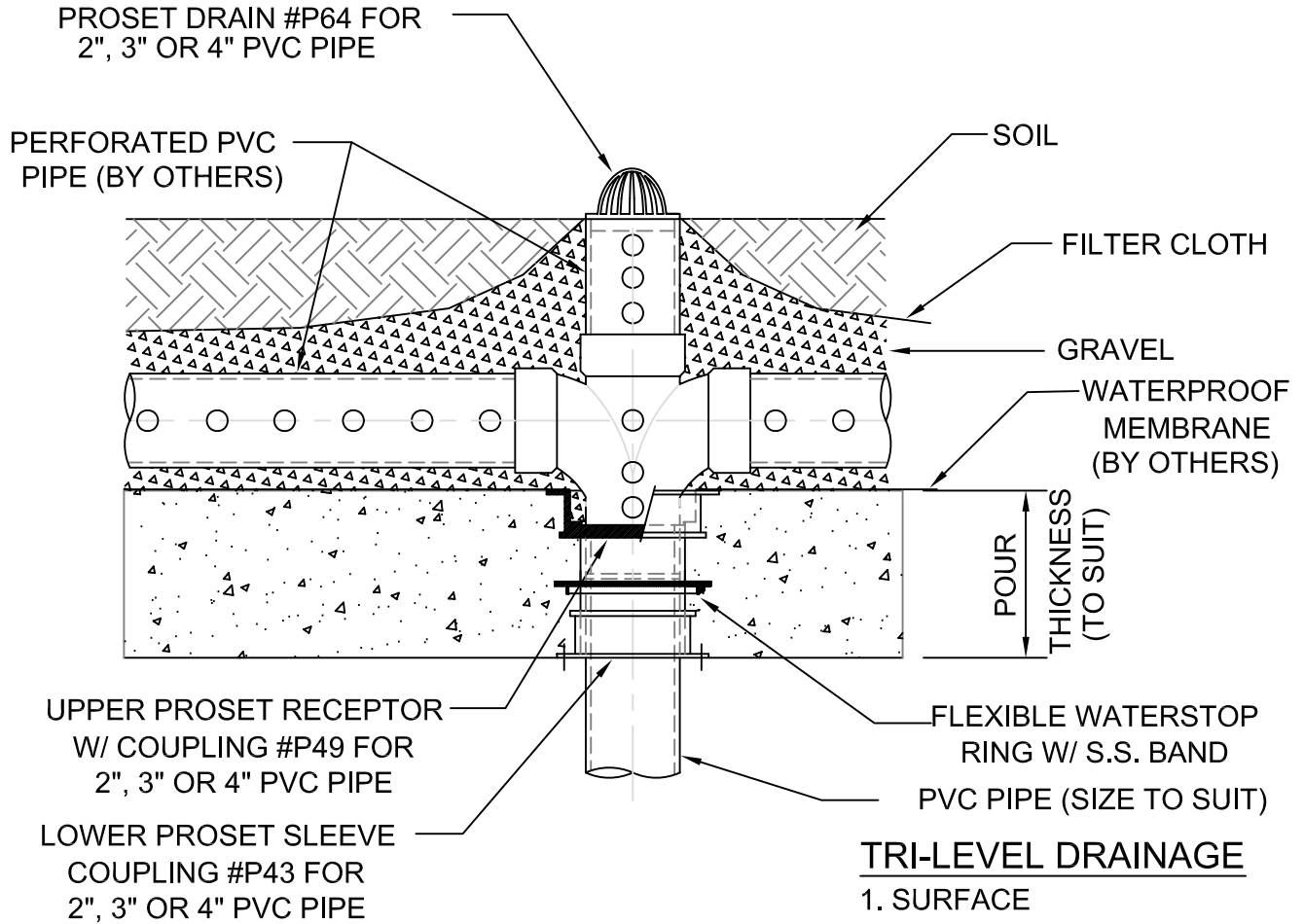
4e. Or use ProSet P-90 Hi-Temp PVC fire rated pipe* in place of cast iron liner.

4f. ProSet Mechanical Joint Coupling*, or equivalent.

*** Components Bearing the Warnock Hersey International Certification Mark.**

PLANTER DRAIN STUB-UP DETAIL

CONCRETE ON WOOD FORM



TRI-LEVEL DRAINAGE

1. SURFACE
2. INTERMEDIATE
3. RESIDUAL (SUB-GRADE)

IMPORTANT NOTES:

1. To mount lower ProSet sleeve coupling, nail through flange holes to wood deck. Glue in upper ProSet assembly with waterstop ring. Set top flange of upper receptor so that it will be flush with top of concrete.
2. Pour concrete slab for drainage area basin. After concrete has cured, remove covers from receptors.
3. Install the waterproof membrane over the concrete slab and into the flange of upper receptor.
4. Install perforated PVC standpipe (laterals if necessary) and install ProSet P64 dome drain using pitch.
5. Fill around the standpipe (and laterals) with gravel and then cover with filter cloth.
6. Backfill over filter cloth with soil to bring to proper grade elevation. Water down to settle.

**SPECIALITY DRAINS FOR
OUTDOOR AREA DRAINAGE**



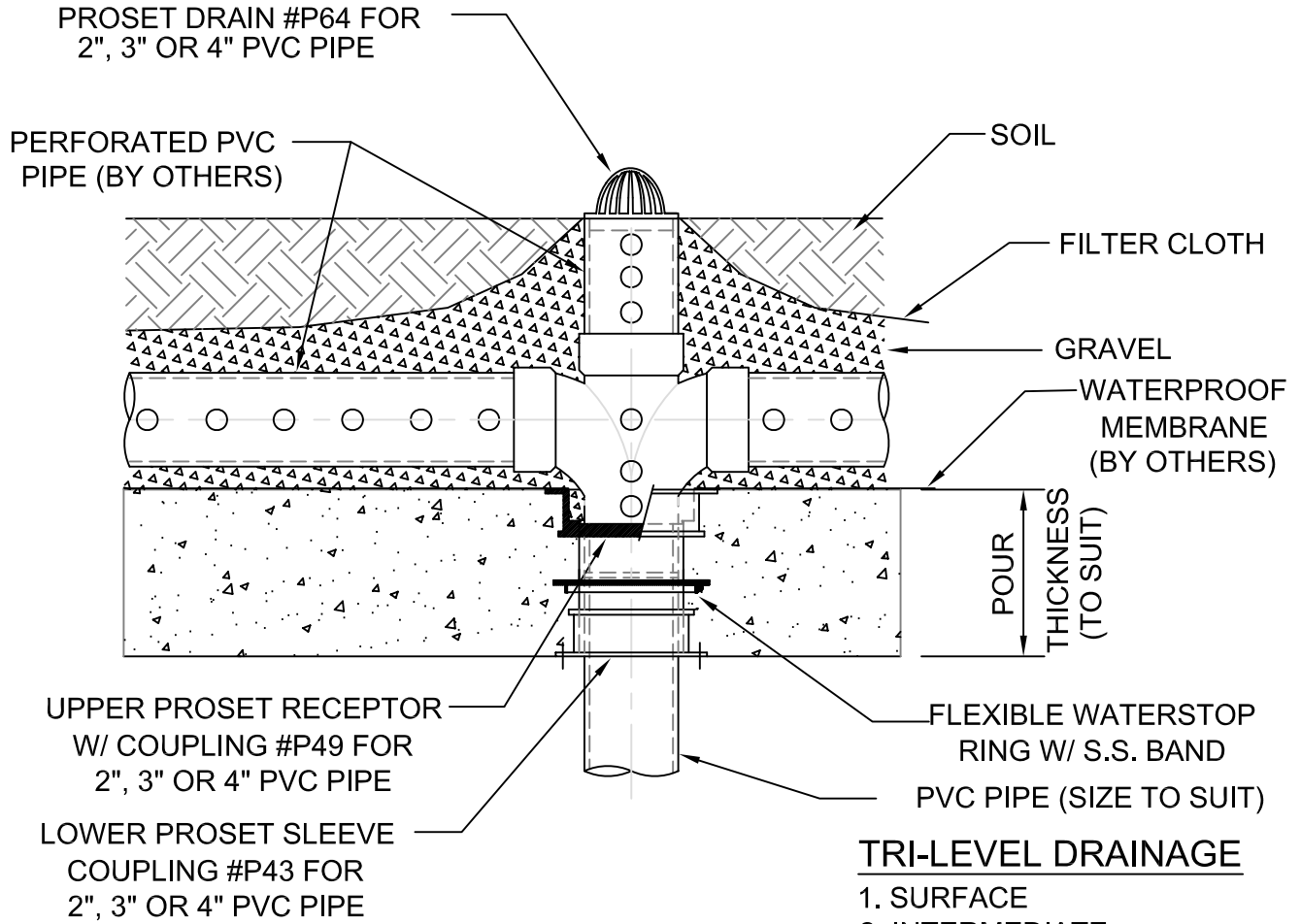
PROSET[®]
SYSTEMS
FIRESTOP PENETRATOR[™]

DATE:
1-10-06

DWG. #
C-6400-AR

PLANTER DRAIN STUB-UP DETAIL

CONCRETE ON WOOD FORM



TRI-LEVEL DRAINAGE

1. SURFACE
2. INTERMEDIATE
3. RESIDUAL (SUB-GRADE)

Size	Part No.	Description	Price	Unit Total
2"	P2564H-PDR	2" Drain Stub w/ Waterstop	21.40	
3"	P3564H-PDR	3" Drain Stub w/ Waterstop	30.30	
4"	P4564H-PDR	4" Drain Stub w/ Waterstop	36.90	
2"	A2064	2" Planter Dome Strainer	11.00	32.40
3"	A3064	3" Planter Dome Strainer	12.60	42.90
4"	a4064	4" Planter Dome Strainer	16.30	53.20

(Other strainers are available to meet job requirements)

**SPECIALITY DRAINS FOR
OUTDOOR AREA DRAINAGE**



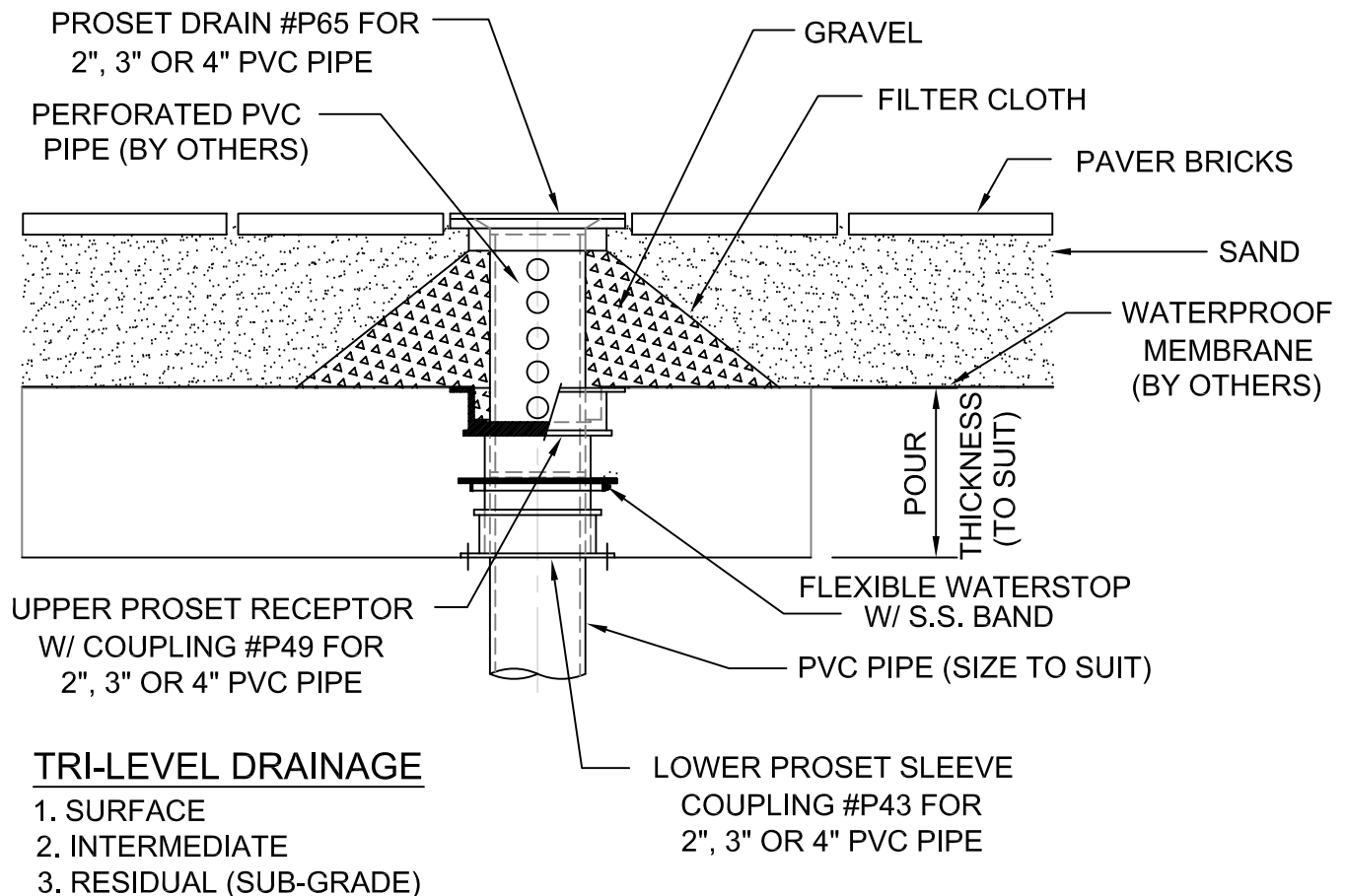
PROSET[®]
SYSTEMS
FIRESTOP PENETRATOR[™]

DATE:
1-10-06

DWG. #
C-6400-AR

DECK DRAIN STUB-UP DETAIL

CONCRETE ON WOOD FORM



TRI-LEVEL DRAINAGE

1. SURFACE
2. INTERMEDIATE
3. RESIDUAL (SUB-GRADE)

IMPORTANT NOTES :

1. To mount lower ProSet sleeve coupling, nail through flange holes to wood deck. Glue in the upper ProSet assembly with waterstop ring. Set top flange of upper receptor so that it will be flush with top of concrete.
2. Pour concrete slab for drainage area basin. After concrete has cured, remove covers from receptors.
3. Install the waterproof membrane over the concrete slab and bond to flange of upper receptor.
4. Install perforated PVC standpipe (and laterals if necessary) and install ProSet P65 drain.
5. Fill around the standpipe (and laterals) with gravel and then cover with filter cloth.
6. Backfill over filter cloth with sand to bring near proper grade elevation. Water down to settle.
7. Set paver bricks to the proper grade elevation then fill cracks with additional sand.
8. Water down the area to settle the sand and refill cracks with sand as necessary.
9. Repeat step #8 until proper finish and grade is achieved.

**SPECIALITY DRAINS FOR
OUTDOOR AREA DRAINAGE**



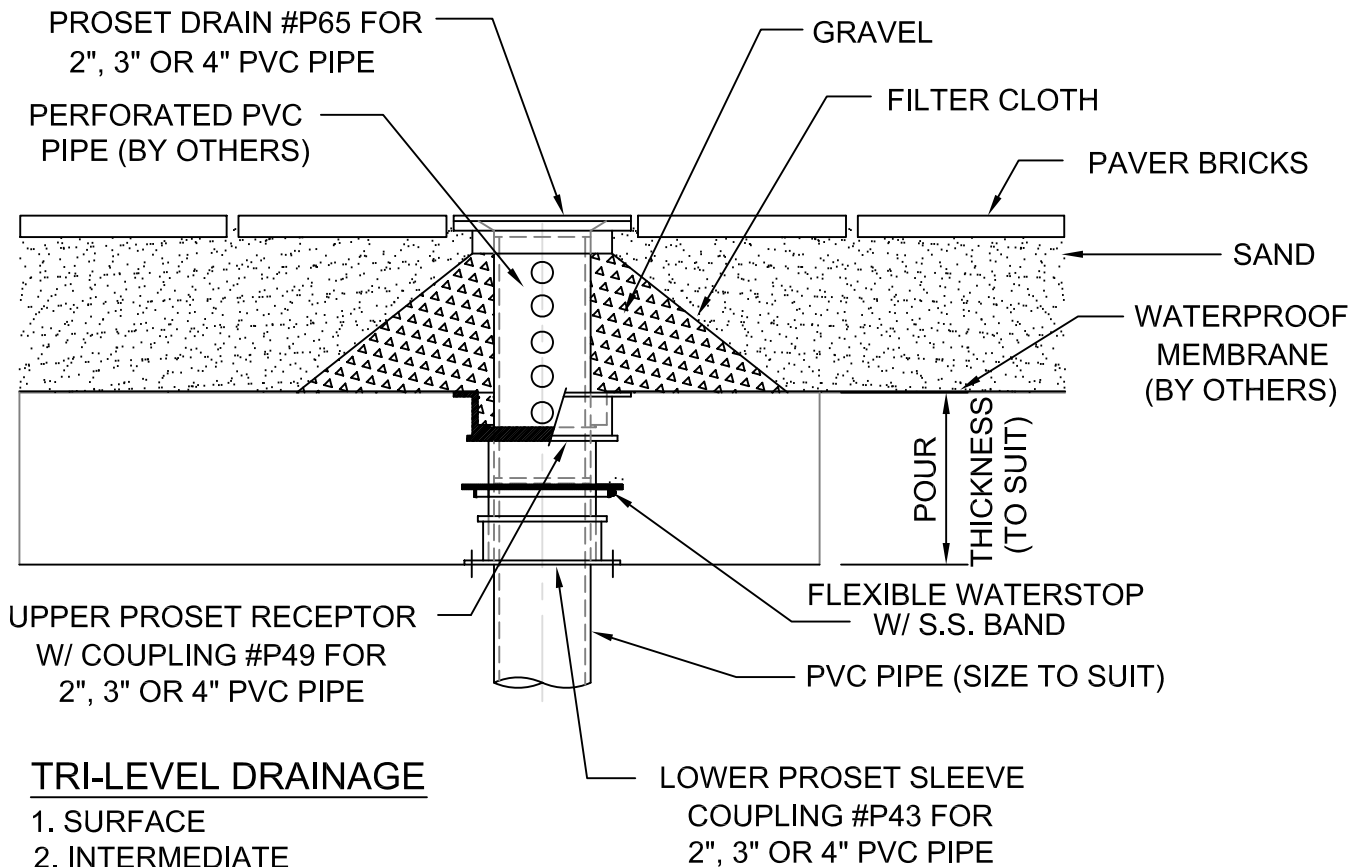
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FIRESTOP PENETRATOR™

DATE:
1-10-06

DWG. #
C-6500-AR

DECK DRAIN STUB-UP DETAIL

CONCRETE ON WOOD FORM



TRI-LEVEL DRAINAGE

1. SURFACE
2. INTERMEDIATE
3. RESIDUAL (SUB-GRADE)

Size	Part No.	Description	Price	Unit Total
2"	P2565H-ADR	2" Drain Stub w/ Waterstop	21.40	
3"	P3565H-ADR	3" Drain Stub w/ Waterstop	30.30	
4"	P4565H-ADR	4" Drain Stub w/ Waterstop	36.90	
2"	P25650-WC	2" Floor Drain Strainer	29.80	51.20
3"	P35650-WC	3" Floor Drain Strainer	29.80	60.10
4"	P45650-WC	4" Floor Drain Strainer	29.80	66.70

(Other strainers are available to meet job requirements)

**SPECIALITY DRAINS FOR
OUTDOOR AREA DRAINAGE**



PROSET[®]
SYSTEMS
FIRESTOP PENETRATOR[™]

DATE:
1-10-08

DWG. #
C-6500-AR