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MEMBER OF:



MEMO TO SPECIFIER

These suggested specifications have been prepared to aid you in your selection and specification of products which we handle. Each item is provided with a reference to our catalog page numbers to assist you in locating the pictorial data or rough-in dimensions required.

One complete set is to remain behind tab marked "specifications." A second set may be pulled apart and distributed throughout your catalog to assist in your selection of products when working in an individual section. You may request additional sets. These can be marked up, cut up, etc., for insertion into your working specifications.

Since these specifications cover general work, we hope you will call on us for any special job problems or unusual code requirements. We will be happy to work with you.

Your Jay R. Smith Representative

CLOSET SUPPORTS

WALL HUNG SIPHON JET WATER CLOSET SUPPORTS

Smith No. 0200 series adjustable shallow rough-in support for one-pour floor construction. Where two-pour floor construction is required, Smith No. 0100 series adjustable deep rough-in support may be used. Where furred wall space is not sufficient for the adjustable series, Smith "compact" No. 0400 series may be used.

WALL HUNG BLOWOUT WATER CLOSET SUPPORTS

Smith No. 0300 series "adjustable" rough-in support. Where furred wall space is not sufficient for the adjustable series, Smith "compact" No. 0400 series may be used.

WALL HUNG RESIDENTIAL WATER CLOSET SUPPORTS FLOOR-MOUNT TYPE

Smith No. 0550F series siphon jet supports with waste fitting and extra heavy cast iron face plate. Combined face plate and closet support shall be securely bolted to floor construction. When back-to-back bowls are specified, use No. 0550FD series.

WALL HUNG RESIDENTIAL WATER CLOSET SUPPORTS STUD-MOUNT TYPE

Smith 0550 series stud-mount siphon jet support with waste fitting and adjustable steel face plate with steel reinforcing strap of design which transmits all top fixture stud-bolt loading to interior wall construction and bottom fixture stud-bolt loading to sole plate. When back-to-back bowls are specified, use No. 0550D series.

FLOOR MOUNTED BACK OUTLET WATER CLOSET FITTINGS

Smith No. 0200 or 0300 adjustable series fixture supports with type No. 2 outlet connection. Where furred wall space is not sufficient for the adjustable series, Smith "compact" No. 0400 series or Smith No. 0670 thru 0680 waste fitting assembly with Type No. 2 closet outlet connection may be used.

WALL HUNG BLOWOUT URINALS ON FLOOR MOUNTED SUPPORT

Smith No. 0629, 0630, 0632 or 0633 urinal support with adjustable coupling assembly. Face plate shall be supported by extra heavy cast iron base support which shall be securely bolted to floor construction.

WALL HUNG BLOWOUT AND WASHOUT URINALS ON FLOOR MOUNTED SUPPORT

Smith No. 0634, 0635, 0636 and 0637 urinal support. Uprights shall be high-strength steel with welded bases securely bolted to floor construction.

ELECTRIC WATER COOLER WALL SUPPORT

Smith No. 0830 floor mounted electric water cooler support. Uprights shall be high-strength steel with welded bases securely bolted to floor construction.

LAVATORY & SINK SUPPORTS

(For Walls of Sufficient Strength to Support Lavatory Fixtures)

STEEL BACKING PLATE FOR PLUMBING FIXTURES

Where plumbing fixtures or the arms which support them are specified to be attached to a steel plate in the wall, furnish and install a 1/4" thick by 6" wide steel plate which shall extend at least one stud beyond the first and last fixture mounting points. In wood stud construction, the plate shall be securely attached to each stud which it crosses with two 1/2" steel bolts on 4" centers with 1/8" thick by 1 1/2" wide x 6" long steel backup plates. In steel stud construction, the plate shall be attached to each stud which it crosses by 1/8" fillet weld across the full width of the steel stud flange. Fixture or supporting arms shall be securely and firmly attached to the steel plate in accordance with the manufacturer's instructions.

HIGH-BACK LAVATORIES - CONCEALED ARMS ON BACKING PLATE

Lavatories shall be punched for Smith No. 0723 concealed arm fixture support. The arms shall be securely bolted to the steel backing plate in the wall as hereinbefore specified. They shall have positive mechanical locking device and shall be fully adjustable after installation of the finished wall.

LAVATORY & SINK SUPPORTS

(Continued)

FLAT-SLAB LAVATORIES - CONCEALED ARMS ON BACKING PLATE

Lavatories shall be punched for Smith No. 0723 (-E) concealed arm fixture support with chromium plated threaded escutcheons. The arms shall be securely bolted to steel backing plate in the wall as hereinbefore specified. They shall have positive mechanical locking device and shall be fully adjustable after installation of the finished wall.

LAVATORIES - EXPOSED ARMS ON BACKING PLATE

Smith No. 0790 or 0792 exposed acid resistant coated arm fixture support. Arms shall be securely bolted to steel backing plate as hereinbefore specified.

LAVATORY & SINK SUPPORTS

(For Walls of Insufficient Strength to Support Lavatory Fixtures)

HIGH-BACK LAVATORIES - CONCEALED ARMS ON FLOOR SUPPORT

Lavatories shall be punched for Smith No. 0700 fixture support. Fixture support shall have concealed arms with positive mechanical locking device. Arms shall be fully adjustable after installation of finished wall. Uprights shall be high-strength steel with welded bases securely bolted to floor construction.

FLAT-SLAB LAVATORIES - CONCEALED ARMS ON FLOOR SUPPORT

Lavatories shall be punched for Smith No. 0700 (-E) fixture support. Fixture support shall have chromium plated threaded escutcheons and concealed arms with positive mechanical locking device. Arms shall be fully adjustable after installation of finished wall. Uprights shall be high-strength steel with welded bases securely bolted to floor construction.

LAVATORIES - EXPOSED ARMS ON FLOOR SUPPORT

Smith No. 0750 or 0752 fixture support with enamel exposed arms. Uprights shall be high-strength steel with welded bases securely bolted to floor construction.

HEAVY SINKS - EXPOSED ARMS ON FLOOR SUPPORT

Smith No. 0871 fixture support with enameled exposed arms. Uprights shall be high-strength steel with welded bases securely bolted to floor construction.

HEAVY WASHUP SINKS - COMBINATION PLATE AND EXPOSED ARMS

Smith No. 0850 or 0851 fixture support with acid resistant coated exposed arms and a fixture mounting plate to receive the fixture manufacturer's hanger device. Uprights shall be high-strength steel with welded bases securely bolted to floor construction.

ROOF DRAINS

ROOF DRAINS

Smith No. 1010 cast iron roof drains with flashing clamp and polyethylene dome. Furnish extension suffix (-E) for insulated roofs. Sump receiver suffix (-R) and underdeck clamp suffix (-C) for all but poured-in-place installations. Specify vandal proof dome suffix (-U) when required. Ferrous domes not acceptable.

ROOF DRAINS FOR SPECIFIC ROOFS

ROOF DRAIN - POUR CONCRETE DECK

Smith No. 1010 cast iron body with flashing clamp and polyethylene dome.

ROOF DRAIN - WOOD OR PRECAST CONCRETE DECK

Smith No. 1010 (-R-C) cast iron body with flashing clamp, underdeck clamp, sump receiver and polyethylene dome. See manufacturer's catalog for recommended deck opening. Smith No. 1020 (-R-C) for side outlet.

ROOF DRAINS

(Continued)

ROOF DRAIN - ANY INSULATED WOOD, GYPSUM, CONCRETE POURED OR PRE-CAST DECK

Smith No. 1010 (-E-R-C) cast iron body with flashing collar, extension for insulation, underdeck clamp, sump receiver and polyethylene dome. Smith No. 1020 (-E-R-C) for side outlet.

ROOF DRAIN CONTROLLED FLOW

Smith No. 1083 cast iron body with flashing clamp, polyethylene dome. Trapezoidal weirs limit flow to leaders. Sizing and placement in accordance with Smith Raintrol.

ROOF DRAIN - STEEL DECK WITH INSULATION

Smith No. 1010 (-R-C) cast iron body with flashing clamp underdeck clamp, sump receiver and polyethylene dome. See manufacturer's catalog for recommended deck opening. Smith No. 1020 (-R-C).

ROOF DRAIN - PARAPET ROOFS

Smith No. 1510 cast iron body, flashing clamp and loose set angle grate. Smith No. 1785, 1786 or 1787 series cast iron downspout boots on exposed sheet metal leaders.

ROOF DRAIN - METAL LINED ROOF GUTTERS

Smith No. 1560 cast bronze body, bronze clamping grate and asbestos gasket. Smith No. 1570 for 45° outlet. Smith No. 1680 for side outlet.

CANOPY OR BALCONY DRAIN

Smith No. 1620 cast iron body with bronze dome strainer and flashing clamp. Designs which allow flashing ring to be loosened when removing strainer are not acceptable. Smith No. 1650 for 45° outlet. Smith No. 1680 for side outlet.

PROMENADE ROOF DECK

Smith No. 1410 cast iron body and flashing clamp with secured square hole nickel bronze grate.

PROMENADE WIDE FLANGE ROOF DECK DRAIN

Smith 1419 wide flange cast iron body with nickel bronze rim and grate, extension with (2) rows of seepage holes and secondary flashing clamp for use with waterproof/liquid membrane deck coverings.

EXPANSION JOINT

Smith No. 1710 cast iron body and packing gland with bronze expansion sleeve, wing nuts and bolts. Graphite packing.

PROMENADE WIDE FLANGE ROOF DECK DRAIN

Smith DX1010 wide flange cast iron body with raised secured polyethylene dome for use on promenade roof decks with waterproof/liquid membrane deck coverings where sump body must be protected from leaves, paper and other debris. See manufacturer's catalog for recommended deck opening.

ROOF DRAIN - INSULATED MEMBRANE ROOF SYSTEM

Smith 1017 cast iron body with combined flashing clamp and gravel stop, polyethylene dome and perforated stainless steel extension, for use on roof systems where built-up felt and asphalt waterproofing is installed. See manufacturer's catalog for recommended deck opening.

ROOF DRAIN - LIQUID MEMBRANE ROOF SYSTEM

Smith 1018 wide flange cast iron body with combined flashing clamp and gravel stop, polyethylene dome and perforated stainless steel extension, for use on roof systems where waterproof/liquid membrane deck covering is used. See manufacturer's catalog for recommended deck opening.

OVERFLOW ROOF DRAINS

OVERFLOW ROOF DRAIN - POURED CONCRETE DECK

Smith No. 1080 cast iron body with 2" high water dam and polyethylene dome.

ROOF DRAINS

(Continued)

OVERFLOW ROOF DRAIN-WOOD OR PRECAST CONCRETE DECK

Smith No. 1080 (-R-C) cast iron body with 2" high water dam, underdeck clamp, sump receiver and polyethylene dome. See manufacturer's catalog for recommended deck opening.

OVERFLOW ROOF DRAIN-ANY INSULATED WOOD, GYPSUM, CONCRETE POURED OR PRE-CAST DECK

Smith No. 1080 (-E-R-C) cast iron body with 2" high water dam extension sleeve for insulation, underdeck clamp, sump receiver and polyethylene dome.

INDIRECT WASTE "ROOF-CEPTOR"

Smith No. 3980 (-G) galvanized cast iron "ROOF-CEPTOR" with 2 1/2" high water dam collar and dome bottom strainer secured with stainless steel vandal proof screws. Underdeck clamp and sump receiver required on all but poured-in-place installations. Extension on insulated roofs.

ROOF VENT CAP

Smith No. 1748 series low type vandal proof vent cap on all pipes passing through roof.

VENT STACK FLASHING SLEEVE

Smith No. 1740 cast iron sleeve for use as a counter flashing sleeve where roofing membranes are terminated at the vent stack protruding through the roof.

PIPE SLEEVES

FOR MEMBRANE FLOORS REQUIRING WATER-SPILL DAMS

Smith No. 1760 cast iron riser sleeve adaptor with flashing ring. For non-membrane floors requiring water spill dams, use schedule 40 galvanized steel pipe allowing for pipe clearance and forming a 1" dam. Pipes passing through walls and floors where dust and waterproof seal is required, Smith No. 1720 series cast iron watertight stack or wall sleeve with membrane flashing ring. Underdeck clamp and sleeve length as required.

FLOOR DRAINS

(Alphabetical Order)

BASEMENT FLOOR DRAINS

Smith No. 2220 cast iron 8 1/2" diameter drain with grate and "safe-set" bucket. Smith No. 2225 for side outlet.

BATTERY ROOM FLOOR DRAIN

Smith 9710 CF8 rough finish stainless steel body with loose set non-tilt stainless steel grate for use in floors where corrosive liquids will be drained or dumped.

BOILER ROOM FLOOR DRAINS

Smith No. 2495 cast iron 8 1/2" diameter drain with medium duty tractor grate and bucket.

CORRIDOR AND HALLWAY FLOOR DRAINS

Smith No. 2010 (-D-U) cast iron drain with 7" adjustable nickel bronze top. Smith No. 2015 (-D-U) for side outlet.

COVERED WALKWAY DRAINS

Smith No. 2320 (-G-U) galvanized cast iron 8 1/2" diameter drain with vandal proof heavy duty tractor grate and adjustable top. Smith No. 2325 (-G-U) for side outlet.

ELEVATOR PIT DRAINS

Smith No. 7000 cast iron drain and secured grate with cast bronze backwater valve.

FACTORY FLOOR DRAINS - NORMAL WASTE

Smith No. 2450 cast iron drain with tractor grate and perforated bucket. Smith No. 2455 for side outlet.

FLOOR DRAINS

(Continued)

FACTORY FLOOR DRAINS - FINE SEDIMENT WASTE

Smith No. 2460 cast iron drain with tractor grate and sediment bucket with stainless steel mesh overflow ports.

FLOOR SINKS

See *SANITARY FLOOR DRAINS* specification pages.

FLOOR DRAINS - MEDIUM TRAFFIC AND DRAINAGE

Smith No. 2340 (-B) cast iron 12" diameter adjustable drain with sediment bucket and tractor grate. Smith No. 2345 (-B) for side outlet.

FLOOR DRAINS - HEAVY TRAFFIC-LIGHT DRAINAGE

Smith No. 2120 cast iron 8 1/2" diameter drain with tractor grate. Smith No. 2125 for side outlet.

FLOOR DRAINS-HEAVY TRAFFIC - HEAVY DRAINAGE

Smith No. 2143 cast iron 15" diameter drain with tractor grate.

FLOOR DRAINS-HEAVY TRAFFIC - HEAVY DEBRIS DRAINAGE

Smith No. 2253 cast iron 15" diameter drain with sediment bucket and tractor grate. Smith No. 2255 for side outlet.

FLOWER BOX DRAINS

Smith No. 2670 (-G) galvanized cast iron drain with cast bronze secured dome with stainless steel mesh screen and flashing collar.

GARAGE FLOOR DRAINS - LIGHT TRAFFIC

Smith No. 2233 (-G) galvanized cast iron 12" diameter drain with sediment bucket and heavy duty tractor grate. Smith No. 2238 (-G) for side outlet.

GARAGE FLOOR DRAIN - HEAVY TRAFFIC

Smith No. 2250 cast iron 16" diameter drain with sediment bucket and heavy duty tractor grate. Smith No. 2255 for side outlet.

GARBAGE CAN WASH DRAIN

Smith No. 2690 galvanized cast iron drain with sediment bucket, flashing collar, grate and pipe sleeve. Bronze adjustable spray nozzle complete with 1/2" I.P.S. water connection assembly.

HOSPITAL DRAINS

See *HOSPITAL FLOOR DRAINS*

KITCHEN AND FOOD FACILITY DRAINS

See *SANITARY FLOOR DRAINS*

MARKET VEGETABLE PREPARATION ROOM DRAINS

Smith No. 3041 (-19) cast iron 8 1/2" diameter sanitary drain with acid resistant coated interior and aluminum sediment bucket and hinged nickel bronze top.

MARKET MEAT PREPARATION FLOOR DRAINS

Smith No. 3020 cast iron 8 1/2" diameter sanitary drain with acid resistant coated interior, aluminum dome bottom strainer and nickel bronze top.

MARKET REFRIGERATOR ROOM DRAIN AT THRESHOLD

Smith No. 2586 (-G) galvanized cast iron drain and grate with nickel bronze top.

PACKING HOUSE FLOOR DRAINS

Smith No. 2488 cast iron drain and flashing collar with ductile iron grate and cast iron sediment bucket.

FLOOR DRAINS

(Continued)

PLANTING BOX DRAINS

Smith No. 2680 cast iron drain and flashing clamp with polished bronze dome and perforated standpipe. Surround standpipe with gravel fill. Bottom of dome to rough-in 3" above ground level. (Use Smith No. 2675 and 2685 for optional selections.)

PLAYGROUND AREA DRAINS

Smith No. 2110 (-U) cast iron drain and modified vandal proof secured grate. Smith No. 2115 (-U) modified as above for side outlet.

PROMENADE DECK DRAIN

Smith No. 1412 cast iron drain and flashing clamp with secured 1/4" square hole nickel bronze grate veneered over ductile iron undergrate. For light pedestrian traffic supply Smith No. 1410.

PEDESTRIAN RAMP AREA DRAIN

Smith No. 2885 series all cast iron 6" wide heavy duty drain of lengths and figure numbers as shown on plans.

SHOWER DRAINS - SINGLE SHOWERS

Smith No. 2010 (-B) cast iron drain and flashing collar with 6" square adjustable nickel bronze top. Smith No. 2015 (-B) for side outlet.

SHOWER GUTTER DRAINS - MULTIPLE SHOWERS

Smith No. 2010 (-S-U) cast iron drain and flashing collar with 5" x 17" adjustable nickel bronze top with secured vandal proof strainer with small square holes. Smith No. 2015 (-S -U) for side outlet.

SHOWER CENTRAL FLOOR DRAINS - MULTIPLE SHOWERS

Smith No. 2010 (-B-U) cast iron drain and flashing collar with 6" square adjustable nickel bronze top. Smith No. 2015 (-B-U) for side outlet.

SHOWER DRAINS AT WALL - MULTIPLE SHOWERS

Smith No. 2010 (-W-U) cast iron drain and flashing collar with 6" adjustable chrome plated bronze angle top with secured vandal proof angle strainer. Smith No. 2015 (-W-U) for side outlet.

SHOWER DRAINS-LOCKER AREA AISLES UNDER BENCHES

Smith No. 2010 (-M-U) cast iron drain and flashing collar with 4" x 12" adjustable nickel bronze top with secured vandal proof strainer with small square holes. Smith No. 2015 (-M-U) for side outlet.

SHOWER DRAINS-ENTRANCE TO DRYING AREA

Smith No. 2010 (-S-U) cast iron drain and flashing collar with 5" x 17" adjustable nickel bronze top with secured vandal proof strainer with small square holes. Smith No. 2015 (-S-U) for side outlet.

SLAUGHTER HOUSE FLOOR DRAINS

Smith No. 2640 (-G) galvanized cast iron dual blood and water drains with flashing collar. Cast bronze tractor grate, ground joint plug and two rims. Drains to be installed side by side.

TOILET ROOM FLOOR DRAINS

Smith No. 2010 (-A) cast iron drain and flashing collar with adjustable 5" diameter adjustable nickel bronze top. Smith No. 2015 (-A) for side outlet.

VENDING MACHINE AREA FLOOR DRAINS

Smith No. 2010 (-D-U) cast iron drain with 7" diameter adjustable extra heavy nickel bronze top. Smith No. 2015 (-D-U) for side outlet.

WAREHOUSE FLOOR DRAINS

Smith No. 2140 cast iron 12" diameter drain with tractor grate. Smith No. 2145 for side outlet.

WATER HEATER ROOM FLOOR DRAINS

Smith No. 2110 (-S-H) cast iron drain and hinged grate. Smith No. 2115 (-S-H) for side outlet.

FLOOR DRAINS

(Continued)

FLOOR DRAIN ACCESSORIES

TRAP PRIMERS

Smith No. 2699 cast bronze trap primer with 1/2" connections. Provide primered drains with Smith No. 2695 or 2696 cast iron trap primer adaptors.

BACKWATER VALVES

Smith No. 7012 cast iron body and bolted cover with bronze backwater valve assembly. Install so that cover is accessible for removal.

HOSPITAL FLOOR DRAINS

ANIMAL ROOM DRAINS - SMALL ANIMALS

Smith No. 2505 cast iron trap drain with acid resisting enamel interior with nickel bronze flushing rim and perforated hinged grate. Flushing connection 3/4" for rim; 3/8" for trap.

ANIMAL ROOM DRAINS - LARGE ANIMALS

Smith No. 2506 cast iron trap drain with acid resisting enamel interior with nickel bronze flushing rim and loose set wide bar grate. Flushing connection 3/4" for rim; 3/8" for trap.

AUTOPSY ROOM DRAINS

Smith No. 2506 cast iron trap drain with acid resisting enamel interior with nickel bronze flushing rim and loose set wide bar grate. Flushing connection 3/4" for rim; 3/8" for trap.

BULK & ALCOHOL STORAGE ROOM DRAINS

Smith No. 2010 (-A) cast iron drain with 6" diameter adjustable nickel bronze top. Smith No. 2015 (-A) for side outlet.

CLEANOUTS

See *CLEANOUTS* specification pages.

CORRIDOR & HALLWAY FLOOR DRAINS

Smith No. 2010 (-D-U) cast iron drain with 7" diameter adjustable nickel bronze top. Smith No. 2015 (-D-U) for side outlet.

CYSTOSCOPIC ROOM FLOOR DRAINS

Smith No. 2500 cast iron drain with acid resisting enameled interior with nickel bronze flushing rim and perforated hinged grate. Flushing connection 3/4" for rim. Smith No. 2505 for trap drain.

DARK ROOM AND PHOTO LAB FLOOR DRAINS

Smith No. 2010 (-A-U) cast iron drain with 6" diameter adjustable nickel bronze vandal proof top with square holes. Smith No. 2015 (-A-U) for side outlet.

ELEVATOR AND DUMBWAITER PIT DRAINS

Smith No. 7000 cast iron drain and secured grate with cast bronze backwater valve.

HYDROTHERAPY ROOM FLOOR DRAINS

Smith No. 2120 cast iron 8 1/2" diameter drain with tractor grate with nickel bronze top. Smith No. 2125 for side outlet.

JANITORS CLOSET FLOOR DRAINS

Smith No. 2010 (-A) cast iron drain with 6" diameter adjustable nickel bronze top. Smith No. 2015 (-A) for side outlet.

KITCHEN SANITARY FLOOR DRAINS AND INDIRECT WASTE RECEPTORS

See *SANITARY FLOOR DRAINS* specification pages.

KITCHEN KETTLE AND POTATO PEELER AREA FLOOR DRAINS

Smith No. 3131 (-19) cast iron 1/2" square, 10" deep receptor with acid resistant coated interior and nickel bronze rim and hinged top grate with 1/4" stainless steel mesh lined aluminum sediment bucket. Flashing clamp in membrane floor.

HOSPITAL FLOOR DRAINS

(Continued)

KITCHEN REFRIGERATION MACHINE ROOM FLOOR DRAINS

Smith No. 3610 cast iron drain with 8 1/2" diameter adjustable top with grate and funnel. Smith No. 3620 for side outlet.

LABORATORY FLOOR DRAINS

Smith No. 2010 (-D-U) cast iron drain with 7" diameter adjustable nickel bronze top. Smith No. 2015 (-D-U) for side outlet.

LAUNDRY ROOM FLOOR DRAINS

Smith No. 2233 cast iron drain with flashing collar and bucket with nickel bronze top. Smith No. 2238 for side outlet.

LAUNDRY ROOM PERIMETER OPEN TRENCH DRAINS

Smith No. 1310 galvanized cast iron drain and grate. Flashing device in membrane floor.

LOCKER ROOM FLOOR DRAINS

Smith No. 2010 (-A) cast iron drain with 6" diameter adjustable nickel bronze top. Smith No. 2015 (-A) for side outlet.

MECHANICAL EQUIPMENT ROOM FLOOR DRAINS

Smith No. 2233 cast iron drain and sediment bucket with tractor grate. Smith No. 2238 for side outlet.

MECHANICAL EQUIPMENT ROOM FLOOR SINKS

Smith No. 3400 (-10) cast iron open top receptor with acid resistant coated interior and with aluminum dome bottom strainer. Flashing clamp for membrane floors.

MORGUE ROOM FLOOR DRAINS

Smith No. 2506 cast iron drain with acid resistant coated interior with nickel bronze flushing rim and loose set wide bar grate rim. Flushing connection 3/4" for rim; 3/8" for trap.

PSYCHIATRIC TOILET ROOM FLOOR DRAINS

Smith No. 2010 (-A-U) cast iron drain with 6" diameter adjustable nickel bronze top with vandal proof screws. Smith No. 2015 (-A-U) for side outlet.

PLASTER ROOM DRAINS

Smith No. 3041 cast iron drain with acid resistant coated interior with aluminum sediment bucket and nickel bronze top. Flashing clamp for membrane floors.

PLASTER INTERCEPTOR - NORMAL CAPACITY

Smith No. 8710 cast iron floor level type interceptor with acid resistant coated interior with removable stainless steel sediment screens. Allow 9 1/4" clearance above interceptor for removal of aluminum cover and basket. For "suspended" style rough-in furnish Smith No. 8730 and allow 8 1/2" clearance below interceptor.

PLASTER INTERCEPTOR - LARGE CAPACITY

Smith No. 8715 cast iron floor level type interceptor with acid resistant coated interior with removable stainless steel sediment screens. Allow 14" clearance above interceptor for removal of aluminum cover and basket.

PHARMACY FLOOR DRAINS

Smith No. 2010 (-A) cast iron drain with 6" diameter adjustable nickel bronze top. Smith No. 2015 (-A) for side outlet.

PLUMBING SHOP FLOOR DRAINS

Smith No. 2220 cast iron drain with flashing collar and "Safe-Set" sediment bucket with grate. Design to preclude grate installation without replacement of bucket. Smith No. 2225 for side outlet.

PUBLIC TOILET ROOM FLOOR DRAINS

Smith No. 2010 (-A-U) cast iron drain with 6" diameter adjustable nickel bronze vandal proof top with square holes. Smith No. 2015 (-A-U) for side outlet.

HOSPITAL FLOOR DRAINS

(Continued)

RUBBISH AND INCINERATOR ROOM FLOOR DRAINS

Smith No. 2142 cast iron drain with flashing collar and solid free standing sediment bucket with tractor grate. Smith No. 2147 for side outlet.

SHOWER STALL FLOOR DRAINS

Smith No. 2010 (-A) cast iron drain with 6" diameter adjustable nickel bronze top. Smith No. 2015 (-A) for side outlet.

SUB-STERILE AREA FLOOR DRAINS

Smith No. 2010 (-A) cast iron drain with 6" diameter adjustable nickel bronze top. Smith No. 2015 (-A) for side outlet.

SOILED LINEN ROOM FLOOR DRAINS

Smith No. 2230 cast iron drain with flashing collar and "Safe-Set" bucket and grate with nickel bronze top. Design to preclude grate installation without replacement of bucket. Smith No. 2235 for side outlet.

STERILIZER RECESS ROOM AND SYRINGE WASHER FLOOR DRAINS

Smith No. 3020 (-26) cast iron drain with acid resisting enamel interior with aluminum flat bottom strainer and nickel bronze top and oval funnel. Flashing device in membrane floors.

SPILL-STOP FLOOR AND WALL SLEEVES

For membrane floors requiring water-spill stops, Smith No. 1760 cast iron riser sleeve adaptor with flashing device. Pipes passing through walls and floors where dust and waterproof seal is required, Smith No. 1720 series cast iron watertight stack or wall sleeve with membrane flashing device. Underdeck clamp and sleeve length as required.

TUNNEL FLOOR DRAINS

Smith No. 2120 cast iron drain and flashing collar with tractor type grate. Smith No. 2125 for side outlet.

UROLOGY FLOOR DRAINS

Smith No. 2506 cast iron trap drain with acid resistant coated interior with nickel bronze flushing rim and loose set wide bar grate. Flushing connection 3/4" for rim; 3/8" for trap.

UTILITY ROOM FLOOR DRAINS

Smith No. 2110 cast iron drain and flashing collar with grate. Smith No. 2115 for side outlet.

STAINLESS STEEL SANI-CEPTORS

INDIRECT WASTE RECEPTOR (STAINLESS STEEL - TRAFFIC AREA)

Smith No. 3001 series stainless steel 12" square top with stainless steel loose set grate, perforated dome bottom strainer. Smith No. 3001 (-12) for half grate or Smith No. 3001 (-13) for three-quarter grate. Flashing clamp in membrane floors.

INDIRECT WASTE RECEPTOR (NICKEL BRONZE TOP - FOR QUARRY TILE)

Smith No. 3007NB stainless steel 12" square-top with nickel bronze frame and secured grate, stainless steel perforated dome bottom strainer. Flashing clamp in membrane floors.

STAINLESS STEEL WIDE FLANGE SANI-CEPTOR

Smith No. DX3001 series stainless steel 12" square raised rim top with wide flange body, stainless steel ribbed non-tilt loose set grate and perforated dome bottom strainer for use where the floor or deck will be surfaced with troweled composition elastomeric covering.

SANITARY FLOOR DRAINS

SANITARY FLOOR DRAIN (NORMAL DRAINAGE)

Smith No. 3020 cast iron 8 1/2" diameter drain with acid resistant coated interior with nickel bronze secured grate and rim. Aluminum dome bottom strainer. Flashing clamp in membrane floors. (Square top Smith No. 3100).

SANITARY FLOOR DRAINS

(Continued)

SANITARY FLOOR DRAIN (HIGH CAPACITY DRAINAGE)

Smith No. 3061 cast iron 12 1/2" diameter drain with acid resistant coated interior with nickel bronze secured grate and rim. Slotted aluminum sediment bucket. Flashing clamp in membrane floors. (Square top Smith No. 3151)

AIR GAPS

FIXED AIR GAP

Smith No. 3950 or 3955 cast iron fixed air gap.

INDIRECT WASTE RECEPTORS ROUND TYPE

INDIRECT WASTE RECEPTOR (OPEN TOP - SINGLE OVERHEAD DISCHARGE)

Smith No. 3040 (-10) cast iron 8" diameter open top receptor with acid resistant coated interior and aluminum dome bottom strainer. Flashing clamp in membrane floors.

INDIRECT WASTE RECEPTOR (OPEN TOP - MULTIPLE OVERHEAD DISCHARGE)

Smith No. 3400 (-10) cast iron 12" diameter open top receptor with acid resistant coated interior and aluminum dome bottom strainer. Flashing clamp in membrane floors.

INDIRECT WASTE RECEPTOR (COATED TOP GRATE - NO TRAFFIC)

Smith No. 3400 cast iron 12" diameter receptor with acid resistant coated interior and top grate. Aluminum dome bottom strainer. Flashing clamp in membrane floors.

INDIRECT WASTE RECEPTOR (NICKEL BRONZE TOP - NORMAL TRAFFIC)

Smith No. 3060 cast iron 12 1/2" diameter receptor with acid resistant coated interior and nickel bronze rim and top grate. Aluminum dome bottom strainer. Flashing clamp in membrane floors.

RECTANGULAR TYPE

INDIRECT WASTE RECEPTOR (OPEN TOP - MULTIPLE OVERHEAD DISCHARGE)

Smith No. 3300 cast iron 4" x 8" rectangular receptor with acid resistant coated interior and aluminum dome bottom strainer. Flashing clamp in membrane floors.

SQUARE TYPE

INDIRECT WASTE RECEPTOR (OPEN TOP-SINGLE OVERHEAD DISCHARGE)

Smith No. 3100 (-10) cast iron 8" square open top receptor with acid resistant coated interior and aluminum dome bottom strainer. Flashing clamp in membrane floors.

INDIRECT WASTE RECEPTOR (OPEN TOP-MULTIPLE OVERHEAD DISCHARGE)

Smith No. 3150 (-10) cast iron 12" square, 8" deep open top receptor with acid resistant coated interior and aluminum dome bottom strainer. Flashing clamp in membrane floors.

INDIRECT WASTE RECEPTOR (12" COATED TOP GRATE-NO TRAFFIC)

Smith No. 3430 cast iron 12" square, 8" deep receptor with acid resistant coated interior and nickel bronze rim and top grate. Aluminum dome bottom strainer. Smith No. 3430 (-12) for half grate or Smith No. 3430 (-13) for three-quarter grate. Flashing clamp for membrane floor.

INDIRECT WASTE RECEPTOR (NICKEL BRONZE TOP-NORMAL TRAFFIC)

Smith No. 3150 cast iron 12 1/2" square, 8" deep receptor with acid resistant coated interior and nickel bronze rim and top grate. Aluminum dome bottom strainer. Smith No. 3150 (-12) for half grate or Smith No. 3150 (-13) for three-quarter grate. Flashing clamp in membrane floors.

INDIRECT WASTE RECEPTOR (LARGE CAPACITY WITH FUNNEL)

Smith No. 3200 (-22) cast iron 16 1/2" square, 12" deep receptor with acid resistant coated interior and nickel bronze rim and hinged top grate with stainless steel 1/4" mesh lined aluminum sediment bucket. Flashing clamp in membrane floors.

INDIRECT WASTE RECEPTORS

(Continued)

INDIRECT WASTE RECEPTOR (KITCHEN FLOORS)

Smith No. 3161 (-19) cast iron 12 1/2" square, 10" deep receptor with acid resistant coated interior and nickel bronze rim and hinged top grate with stainless steel 1/4" mesh lined aluminum sediment bucket. Flashing clamp in membrane floors.

INDIRECT WASTE RECEPTOR (KITCHEN OR COUNTER CURBS)

Smith No. 3150 (-18) cast iron 12 1/2" square, 8" deep receptor with acid resistant coated interior and nickel bronze rim and angle top grate with aluminum dome bottom strainer. Flashing clamp in membrane floors.

INDIRECT WASTE RECEPTOR (NICKEL BRONZE TOP-FOR QUARRY TILE)

Smith No. 3130 cast iron 12" square, 10" deep receptor with acid resistant coated interior and extra thick nickel bronze rim and top grate. Aluminum dome bottom strainer. Smith No. 3130 (-13) for three-quarter grate. Flashing clamp in membrane floors.

INDIRECT WASTE RECEPTOR (UNDER LOW CABINETS)

Smith No. 3100 (-15) cast iron 8 1/2" square receptor with acid resistant coated interior and aluminum depressed top grate and dome bottom strainer. Flashing clamp in membrane floors.

CLEANOUTS

Furnish and install cleanouts where indicated on plans and at all bends, angles, upper terminals and not over 50' apart. All cleanouts to have bronze countersunk rectangular slotted plugs lubricated with non-hardening thread lubricant. Flush-with-floor cleanout tops shall have non-skid covers. Flashing flange with device suffix (-F-C) required on membrane floors.

FINISHED ROOM FLOORS

Smith No. 4020 cast iron adjustable floor level cleanout assembly with round nickel bronze top. Smith No. 4031 cast iron adjustable floor level cleanout assembly with round nickel bronze top with inverted hub and neoprene gasket.

LINOLEUM OR ASPHALT TILE FLOORS

Smith No. 4140 cast iron adjustable floor level cleanout assembly with round nickel bronze top. Top depression to be covered with surrounding floor pattern bonded with waterproof adhesive. Smith No. 4151 same top assembly as No. 4140 but with inverted hub and neoprene gasket.

TERRAZZO FLOORS

Smith No. 4180 cast iron adjustable floor level cleanout assembly with round nickel bronze top with center lifting device. Top depression to be filled with terrazzo and finished. Smith No. 4191 same top assembly as No. 4180 but with inverted hub and neoprene gasket.

UNFINISHED FLOORS

Smith No. 4220 all cast iron adjustable floor level cleanout assembly with round heavy duty top. Smith No. 4231 all cast iron adjustable floor level cleanout assembly with round heavy duty top, inverted hub and neoprene gasket.

YARD AREAS

Smith No. 4250 cast iron concrete surface level cleanout assembly with lifting device. Smith No. 4261 cast iron concrete surface level cleanout assembly with lifting device, inverted hub with neoprene gasket.

ABOVE GROUND CAULK FERRULE CLEANOUTS

Smith No. 4420 cast iron ferrule with countersunk bronze plug. Smith No. 4470 for plug only.

UNFINISHED AND OUTSIDE AREAS

Smith No. 4240 all cast iron adjustable surface level cleanout assembly with loose set, non-tilt tractor cover for heavy load traffic.

CLEANOUTS

(Continued)

CARPETED FLOORS

Smith No. 4023 (-X) cast iron adjustable floor level cleanout assembly with round nickel bronze top. Top furnished with clamping frame for use on carpeted floors. Smith No. 4031 (-X) same top assembly as No. 4020 (-X) but with an inverted hub and neoprene gasket.

ACCESS COVERS

Furnish and install access covers over all concealed valves, wall and floor cleanouts, trap primers, mechanical air chambers and other concealed equipment not accessible from utility spaces. All doors and covers to be completely removable from frames. All hinges must be concealed type. Exposed piano hinges not acceptable.

TILE, BRICK WALLS OR CEILINGS

Smith No. 4760 prime coated steel concealed hinge type access cover with cylinder lock. Tile and unpainted surface furnish Smith No. 4762, No. 4 satin finish 18-8 stainless steel.

PLASTER, TERRAZZO WALLS OR CEILINGS

Smith No. 4765 prime coated steel concealed hinge type access cover with cylinder lock and with perforated plaster ground. Terrazzo and unpainted surfaces furnish Smith No. 4767 No. 4 satin finish 18-8 stainless steel.

EXTERIOR GRADE AREAS PARKING LOTS AND DRIVEWAYS

Smith No. 4880 cast iron surface level access cover assembly with lifting device for concrete surface and blacktop or earth surface.

FLOORS-CONCRETE, TERRAZZO OR TILE

Smith No. 4910 cast aluminum scoriated secured top access cover with lifting device and perforated concrete flange. Size as shown on drawings. Smith No. 4915 hinged secured covers for areas of frequently used valves and equipment.

CAULK FERRULE CLEANOUT WITH WALL COVER

WALL - ROUND COVER

Smith No. 4402 cast iron ferrule with lead seal plug, round stainless steel cover with center screw. Smith No. 4422 for taper thread plug.

WALL - ROUND COVER

Smith No. 4432 cast iron ferrule with lead seal plug; chrome plated bronze round frame and cover secured with slotted screws for "face-of-wall".

Smith No. 4433 for "flush-with-wall" cover.

Smith No. 4436 for taper thread plug for face-of-wall cover.

Smith No. 4437 for taper thread plug for flush-with-wall cover.

WALL - SQUARE COVER

Smith No. 4430 cast iron ferrule with lead seal plug; chrome plated bronze square frame and cover secured with slotted screws for "face-of-wall".

Smith No. 4431 for "flush-with-wall" cover.

Smith No. 4434 for taper thread plug for face-of-wall cover.

Smith No. 4435 for taper thread plug for flush-with-wall cover.

WATER HAMMER ARRESTERS

WATER HAMMER ARRESTERS

Smith No. 5000 series all stainless steel "Hydrotrols" on both cold and hot water line. Install in an upright position at all quick closing valves, solenoids and plumbing fixtures. Locate and size as indicated on drawings. Where not shown on drawings, locate and size in accordance with Plumbing & Drainage Institute Standard No. WH201.

NON-FREEZE HYDRANTS WITH INTEGRAL BACK FLOW PREVENTER

BOX TYPE NON-FREEZE WALL HYDRANT WITH INTEGRAL VACUUM BREAKER

Smith No. 5509QT stainless steel hydrant box bronze nickel plated QT non-freeze hydrant with integral vacuum breaker "T" handle key.

EXPOSED NON-FREEZE WALL HYDRANT WITH INTEGRAL VACUUM BREAKER

Smith No. 5609QT bronze nickel plated QT non-freeze hydrant, integral backflow preventer. "T" handle key.

NON-FREEZE WALL HYDRANTS

BOX TYPE NON-FREEZE WALL HYDRANT - HOT AND COLD

Smith No. 5560QT bronze hydrant box, bronze QT non-freeze "Twin-Temp" hydrant, "T" handle key.

NON-FREEZE GROUND, FLOOR OR POST HYDRANT

NON-FREEZE GROUND OR FLOOR BOX HYDRANT

Smith No. 5810 rough bronze box with bronze hydrant, "T" handle key and bronze casing with 3/4" female NPT inlet. Smith No. 5811 for 1" NPT inlet. Smith No. 5812 for 1 1/2" NPT inlet. Smith No. 5813 for 1 1/2" NPT inlet. Smith No. 5814 for 2" NPT inlet.

NON-FREEZE GROUND OR FLOOR BOX HYDRANT - HEAVY DUTY

Smith No. 5950 cast iron box and heavy duty cast iron cover, bronze hydrant, "T" handle key and bronze casing with 3/4" female NPT inlet. Smith No. 5951 for 1" NPT inlet.

NON-FREEZE POST HYDRANT

Smith No. 5910 bronze hydrant with "T" handle key and bronze casing with cast iron casing guard and 3/4" inlet. Smith No. 5911 for 1" NPT inlet. Smith 5912 for 1 1/4" NPT inlet. Smith No. 5913 for 1 1/2" NPT inlet. Smith No. 5914 for 2" NPT inlet.

BACKWATER VALVES

BACKWATER SEWER VALVE

Smith No. 7012 cast iron body and bolted cover with bronze backwater valve assembly. Install so that cover is accessible.

BACKWATER VALVE-INLINE GATE VALVE TYPE

Smith No. 7150 cast iron body and cover removable wheel handle, bronze gate, flapper valve and brass stem.

INTERCEPTORS

*GREASE INTERCEPTOR - ON FLOOR OR RECESSED INSTALLATION

Smith No. 8000 series cast iron/steel with duco coating and flow control fitting. Flow rating of . . . GPM and grease capacity of . . . pounds. Basket type collectors not acceptable. (For extra low profile interceptor furnish Smith No. 8100 series fabricated steel.)

*GREASE INTERCEPTOR - FLUSH WITH FINISHED FLOOR INSTALLATION

Smith No. 8200 series cast iron/steel with steel extension with duco coating and flow control fitting. Flow rating of . . . GPM and grease capacity of . . . pounds. Basket type collectors not acceptable.

GREASE INTERCEPTOR - SUPER LARGE CAPACITY

Smith No. 8400 series with duco coating and low control fitting. Flow rating of . . . GPM and grease capacity of . . . pounds. Basket type collectors not acceptable.

*GREASE INTERCEPTOR - AUTOMATIC DRAW-OFF TYPE - ON FLOOR INSTALLATION

Smith No. 8000GT series cast iron/steel with duco coating and flow control fitting. Flow rating . . . GPM and grease capacity of . . . pounds. Automatic draw-off valve to allow removal of grease without removing cover. Hot water connection minimum 140° with shut-off to be provided for cleansing operation. (For flexible draw-off hose and cap for recessed installation furnish Smith No. 8000GTX series).

*GREASE INTERCEPTOR - RECESSED INSTALLATION WITH RECEIVING CRADLES

Smith No. 8300 series cast iron/steel with steel cradle support with duco coating and flow control fitting. Flow rating of . . . GPM and grease capacity of . . . pounds. Fully enclosed cradle with integral drip pan Smith No. 8300 (-W).

INTERCEPTORS

(Continued)

***GREASE INTERCEPTOR - AUTOMATIC DRAW-OFF TYPE - RECESSED INSTALLATION WITH RECEIVING CRADLE**

Smith No. 8300GT series cast iron/steel with steel cradle support with duco coating and flow control fitting. Flow rating of . . . GPM and grease capacity of . . . pounds. Automatic draw-off valve with flexible hose and cap to allow removal of grease without removing cover. Hot water connection minimum 140° with shut-off to be provided for cleansing operating. Fully enclosed cradle with integral drip pan Smith No. 8300GT (-W)

OIL INTERCEPTOR

Smith No. 8510 series cast iron 8560 series fabricated steel with duco coating and flow control fitting. Flow rating of . . . GPM.

PLASTER INTERCEPTOR - NORMAL CAPACITY - ON OR FLUSH WITH FLOOR TYPE

Smith No. 8710 duco coated cast iron body and aluminum sediment basket with removable stainless steel screens. Allow 9 1/4" clearance above interceptor for removal of cover and basket. For "suspended" style rough-in furnish Smith No. 8730 and allow 8 1/2" clearance below interceptor.

PLASTER INTERCEPTOR - NORMAL CAPACITY - ON OR FLUSH WITH FLOOR TYPE

Smith No. 8714 cast iron with internal trap with acid resistant coating inside and outside with removable perforated stainless steel sediment bucket. Allow 5 1/2" of clearance above the interceptor for sediment bucket removal.

PLASTER INTERCEPTOR - LARGE CAPACITY - ON OR FLUSH WITH FLOOR TYPE

Smith No. 8715 duco coated cast iron and aluminum sediment basket with removable stainless steel screens. Allow 14" clearance above interceptor for removal of cover and basket.

HAIR INTERCEPTOR

Smith No. 8750 chrome plated bronze body with gasketed cover and perforated stainless steel retainer. Allow 7" clearance below interceptor for removal of retainer.

PIPELINE BASKET STRAINER

Smith No. 8795 cast iron body with bolted cover with 125 lb. A.S.A. flanges. Perforations of 1/8" diameter in basket. Smith No. 8790 with yoke type cover for low pressure type work.

*Regularly furnished material shown in catalog.

FLOOR DRAINS - STAINLESS STEEL

FLOOR DRAINS-GENERAL PURPOSE - LIGHT DUTY

Smith No. 9700 (-A) stainless steel drain with adjustable 7" diameter top and flashing flange.

FLOOR DRAINS-GENERAL PURPOSE-MEDIUM DUTY

Smith No. 9710 stainless steel drain with 8 1/2" diameter loose set non-tilt grate and flashing flange.

FLOOR DRAINS - GENERAL PURPOSE - MEDIUM DUTY WITH EXTENSION

Smith No. 9725 stainless steel drain with 8 1/2" diameter loose set non-tilt grate with adjustable extension and flashing flange.

FLOOR DRAINS-HEAVY DUTY

Smith No. 9730 stainless steel drain with 12" diameter loose set non-tilt grate with flashing clamp.

SPECIAL PURPOSE STAINLESS STEEL DRAINS

INDIRECT WASTE RECEPTOR

Smith No. 9740 stainless steel drain with open rectangular top and aluminum dome bottom strainer.

GUTTER DRAIN

Smith No. 9745 stainless steel drain with 12 x 4" rectangular top.

INTEGRAL TRAP DRAIN AND FLOOR LEVEL CLEANOUT

Smith No. 9750 stainless steel drain "P" - Trap body, loose set non-tilt grate and cleanout plug with gasket. Smith 9750 (-V) same as 9750 except with stainless steel backwater valve.

RECTANGULAR HEAVY DUTY DRAIN WITH FREE STANDING SEDIMENT BUCKET

Smith No. 9755 (-B) stainless steel body with 10 3/4 x 13" bronze heavy duty loose set grate, and perforated stainless steel free standing sediment bucket.

CLEANOUTS - STAINLESS STEEL

FERRULE AND PLUG - STAINLESS STEEL

Smith No. 9770 stainless steel ferrule and plug, and neoprene gasket.

WALL CLEANOUT

Smith No. 9776 stainless steel plug, cover plate and screw.

DECK PLUG

Smith No. 9760 stainless steel body with stainless steel spanner wrench type cover with neoprene gasket.

BACKWATER VALVES

IN-LINE TYPE

Smith No. 9795 stainless steel body and bronze backwater valve assembly.

PIT DRAIN

Smith No. 9790 stainless steel body and secured grate with bronze backwater valve assembly.