

Now! A new super-service line



AMERICAN

A new super-service line of pipe, tubing, casing, fittings and special castings has been added to the already-large selection of products developed and manufactured by the American Cast Iron Pipe Company.

Another in a long list of AMERICAN "firsts," AMERICAN DUCTILE Iron products are the first of their type to be manufactured in commercial quantities in the United States.

Produced from a new family of cast metals, AMERICAN DUCTILE Iron offers the age-old corrosion resistance of gray iron combined with ductile characteristics approaching those of steel.

AMERICAN DUCTILE Iron castings meet the super-service requirements of high internal pressures, heavy external loads with ample reserve strength to withstand high shock, insuring extraordinary dependability with increased factors of safety. AMERICAN DUCTILE Iron assures long service life due to its durability and excellent corrosion resistance.

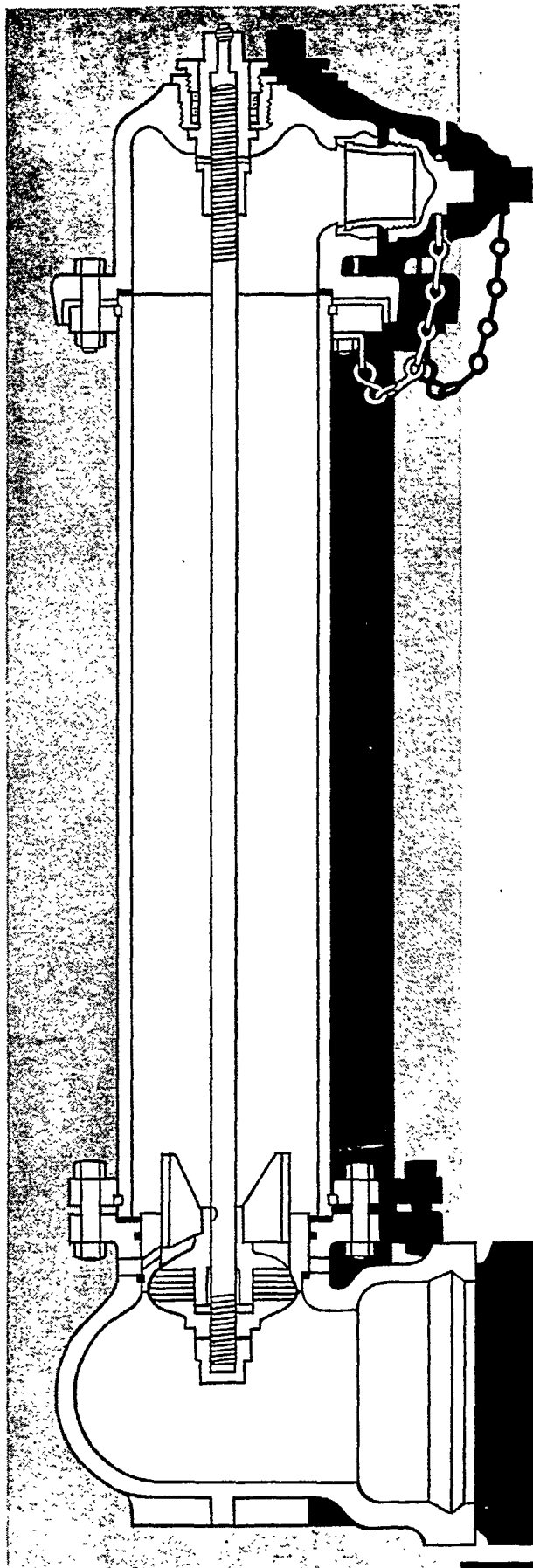
Detailed information on AMERICAN DUCTILE Iron products, including grades, specifications, tests and representative materials produced with this unusual metal is available from the American Cast Iron Pipe Company sales office or representative nearest you. Call or write today.

PLAINTIFF'S
EXHIBIT

JMMC-254

- ✓ **STRENGTH** Withstands internal pressures and external loads.
- ✓ **TOUGHNESS** Absorbs shock and stress.
- ✓ **DUCTILITY** Bends and twists under load...but doesn't break.
- ✓ **LONG LIFE** Excellent corrosion resistance...confirmed by tests.

**AMERICAN DUCTILE IRON PIPE, TUBING, CASING,
FITTINGS AND SPECIAL CASTINGS for SUPER-SERVICE**



R.D. WOOD HYDRANT

**THE R. D. WOOD HYDRANT
SUPPLIES MAXIMUM RELIABILITY
AT MINIMUM COST**

- Valve opens against water pressure—water pressure holds it closed in case of accident
- Every point of friction is protected by at least one bronze surface
- Head revolves 360°; simply loosen bolts and rotate
- Optional break-point flange with frangible coupling in hydrant stem makes it unnecessary to excavate in case of a broken hydrant
- Available for bell, flange and mechanical pipe connections; with conventional or "O" ring packings

R. D. WOOD COMPANY

**Public Ledger Building, Independence Square
Philadelphia 5, Pa.**

Manufacturers of Mathews Hydrants and "Sand-Spun" Pipe
(centrifugally cast in sand molds)

Ductile Iron

CAST IRON PIPE THAT **BENDS UNDER STRESS** FOR WATER AND OTHER LIQUID SERVICE... All the advantages of cast iron pipe, PLUS...

EXTRA STRENGTH Meets the super-service requirements of ...
HIGH PRESSURES
SHOCK LOADS ... both internal and external
DEEP COVER ... unstable bedding
THERMAL STRESSES
WELL CASING AND TUBING INSTALLATIONS

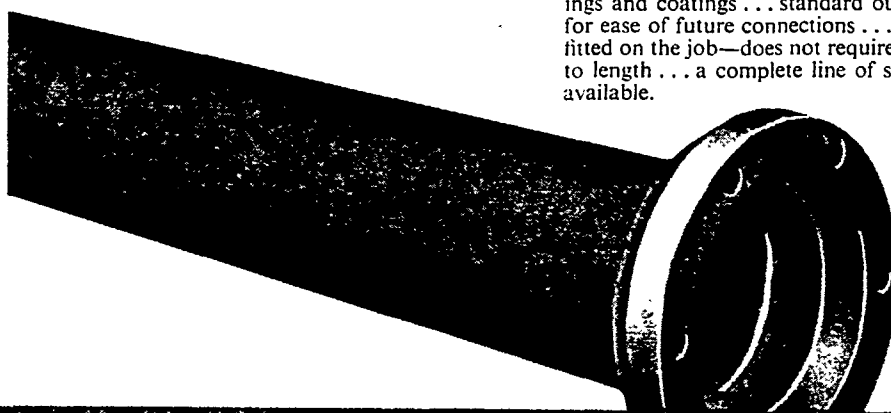
HIGH RESISTANCE TO IMPACT Absorbs shock and stress ... avoids transportation and rough handling damage.

BENDABILITY Bends under load, thus gaining additional support from surrounding earth fill.

GREATER RELIABILITY Extra factors of safety for the average installation ... provides permanent trouble-free service ... minimum maintenance.

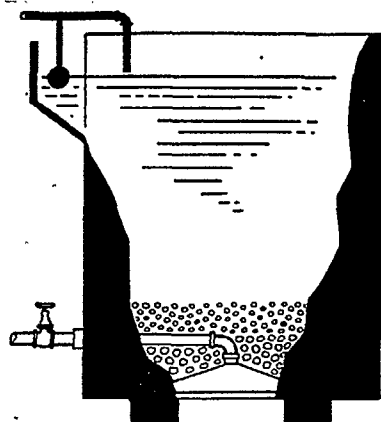
AMPLE WALL THICKNESS Direct taps can be made into the pipe wall using standard tapping tools ... assured long life.

ADAPTABILITY Available in all types of joints and in all sizes—2" through 48" ... furnished with standard linings and coatings ... standard outside diameters for ease of future connections ... can be cut and fitted on the job—does not require factory cutting to length ... a complete line of standard fittings available.



SALES OFFICES

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Chicago • Kansas City
San Francisco • Denver
Pittsburgh • Minneapolis
Cleveland • Orlando
Birmingham

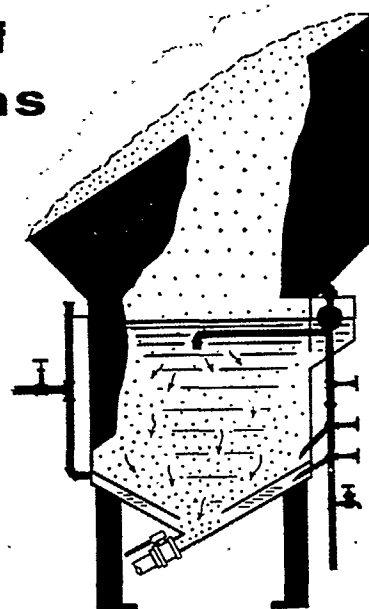


BRINE FILTRATION

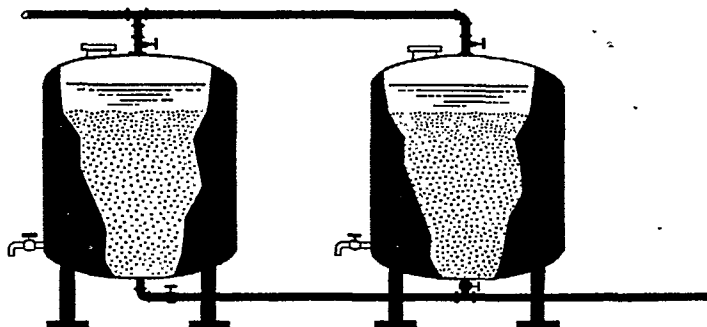
How it can affect design of water softening installations

Whichever filter medium you select—sand, gravel or anthracite, undissolved crystals of rock salt—this much is clear: dissolver design and regeneration expenses are bound to be affected. For example: Provision should be made for periodically removing the accumulated insolubles from the filter bed. Design of filters should incorporate the necessary cleanout facilities. And a brine-filtration setup that performs well with one type of salt may be inadequate with another.

The growing amounts of brine in use in today's large-capacity water softening installations complicate filtration problems. That's why treatment plant designers and builders are turning more frequently to International Salt Company. With over 50 years of experience and continuing research in all phases of salt handling and brine production, International can suggest many new and practical ideas in connection with salt purchase, storage and dissolving for regenerating ion exchangers. There is no charge for this service.



Service and research are the extras in STERLING SALT



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