The following specification text has been prepared by MIFAB to assist design professionals in the preparation of a specification to include finished floor drains, trench drains and grates, and drainage piping floor cleanouts.

Utilize these paragraphs to insert text into Specification **Section 22 13 18 – Drainage and Vent Piping Specialties** or similarly titled section governing this work.

The following should be noted in using this document:

Optional text requiring a selection by the user is enclosed within brackets and as red text, e.g.: Color: [Red.] [Black.]"

Items requiring user input are enclosed within brackets and as red text, e.g.: "[2] [\_\_] years."

For assistance on the use of the products in this section, contact MIFAB by calling 1-800-465-2736 or visit their website [www.mifab.com](http://www.mifab.com)

PART 1 – GENERAL

SUBMITTALS

Action Submittals:

Product Data: Manufacturer’s product data sheets with descriptive data and product attributes, including optional variations required.

PART 2 – PRODUCTS

FINISHED FLOOR DRAINS

MIFAB Series F100-C-TS “Top-Set” finished floor drains in accordance with the drawing schedule, sized to suit the connecting pipe, each equipped with a ½” trap seal primer connection, a plastic protective cover for the strainer, and any optional variations indicated on the floor drain schedule.

TRENCH DRAINS AND GRATES

MIFAB [T1400-PB-13 4” wide] [T2000-PB-13 8” wide] [T3000-PB-13 12” wide] [T1500-PB-13 4” wide] [T1700-PB-3 8” wide] [T1800-PB-13 12” wide] Series trench drain as per the drawing schedule, complete with all required installation accessories including plastic end and outlet temporary caps.

 Interconnecting channel sections: [glass fiber reinforced polyester] [high strength polymer concrete]

 Body type: [sloped .5%] [neutral 0%]

 Channel edge rail: 4 mm [galvanized steel] [stainless steel]

Grate: Load class [A] [B] [C] [E]. [perforated] [slotted] [mesh], [galvanized steel] [stainless steel] [ductile iron] with “CLIPFIX” grate locking mechanism.

DRAINAGE PIPE FLOOR CLEANOUTS

MIFAB C1100-TOS Series “TOP SET” double adjustable vandal proof floor cleanouts to suit the size and type of connecting pipe and equipped with 5” round nickel-bronze covers, a carpet marker for use in carpet floor finishes, and a protective temporary cover.

PART 3 – EXECUTION

FINISHED FLOOR DRAIN INSTALLATION

Provide finished floor drains where shown on the drawings.

Equip each drain with a trap and trap seal primer piping.

In equipment rooms and similar areas locate floor drains to suit the location of mechanical equipment and equipment indirect drainage piping.

In washrooms coordinate drain locations to avoid interference with toilet partitions.

Confirm floor drain locations prior to roughing-in.

Ensure that floor drain temporary caps are in place prior to concrete pours, and remain in place until floor finishing work and adjacent construction work is complete.

TRENCH DRAIN INSTALLATION

Provide trench drains where shown on the drawings and install so that top frames and grates are level and plumb in relation to floor finishes. Provide accessories, traps, etc., as required.

Install grating and secure in place.

Protect grates during floor construction and finishing, and until adjacent construction work is complete.

Be present during concrete pours to ensure that the trench drains are not dislodged or damaged and remain straight and true. Immediately report any problems.

DRAINAGE PIPE FLOOR CLEANOUT INSTALLATION

Where cleanouts occur in horizontal inaccessible drainage piping, extend the TY pipe fitting up to the floor and provide a floor cleanout set flush with the finished floor.

 Confirm floor cleanout locations prior to roughing-in.

Ensure that floor cleanout temporary covers are in place prior to concrete pours, and remain in place until floor finishing work and adjacent construction work is complete.