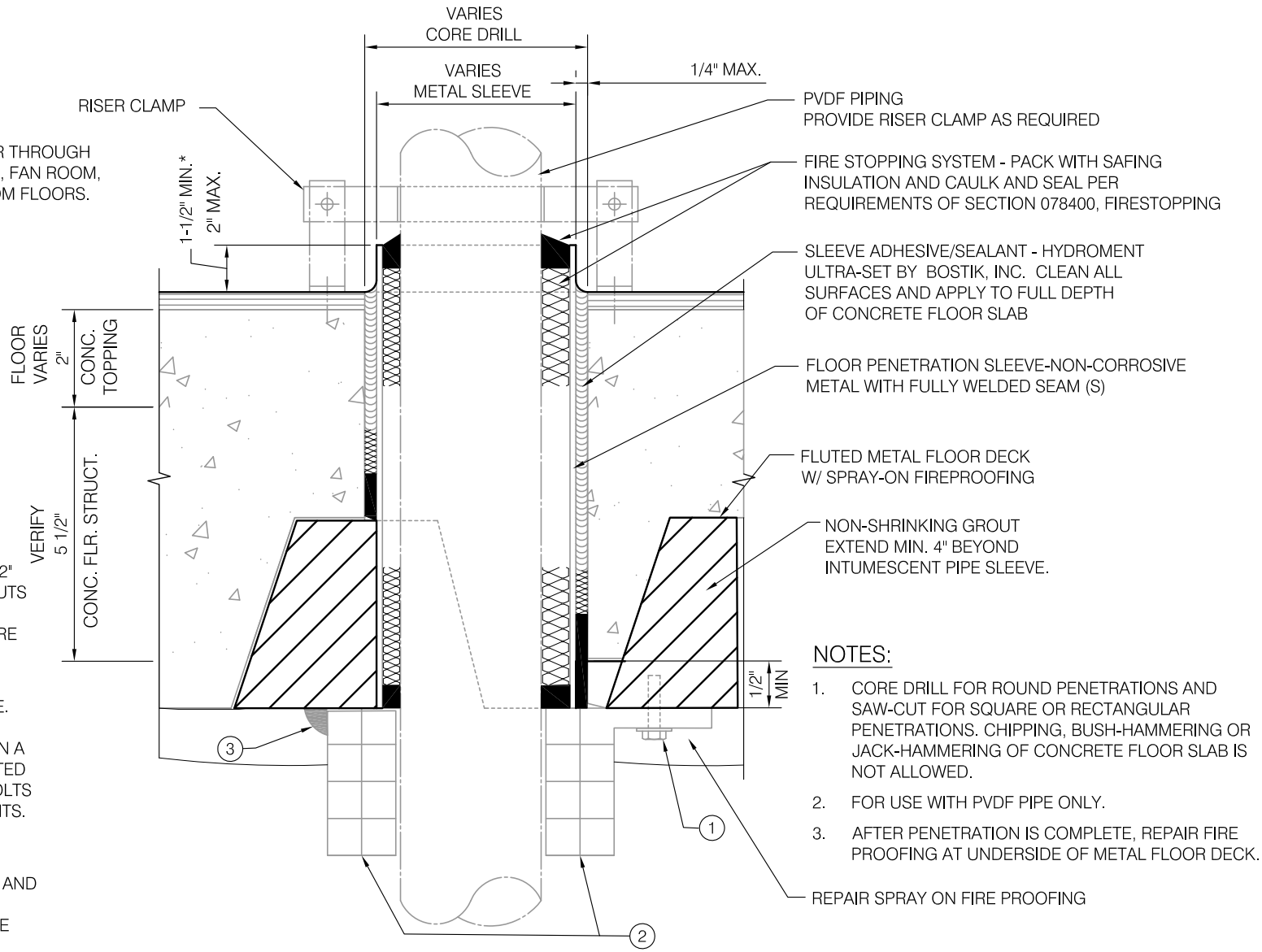

* EXTEND 2" ABOVE FINISHED FLOOR THROUGH FOOD SERVICE, JANITORIAL ROOM, FAN ROOM, AND MECHINCAL EQUIPMENT ROOM FLOORS.

KEY NOTES:

1. 1/4" DIAMETER BY MINIMUM 1-1/2" LONG EXPANSION BOLT WITH NUTS AND MINIMUM 1-1/4" DIAMETER FENDER WASHER. ALL HARDWARE SHALL BE STAINLESS STEEL.
2. INTUMESCENT PIPE SLEEVE: 3M ULTRA PPD. SIZE TO MATCH PIPE. INSTALL PER MANUFACTURES RECOMMENDATIONS INSTALL ON A FLAT SURFACE ONLY. USE BOLTED CONNECTION ONLY, INSTALL BOLTS AT ALL BOLT CONNECTION POINTS. SEE SECTION 078400, FIRE STOPPING.
3. FILL ANY VOIDS BETWEEN DECK AND INTUMESCENT SLEEVE PROVIDE MINIMUM 1/4" BEAD AROUND THE INTUMESCENT SLEEVE

NOTES:

1. CORE DRILL FOR ROUND PENETRATIONS AND SAW-CUT FOR SQUARE OR RECTANGULAR PENETRATIONS. CHIPPING, BUSH-HAMMERING OR JACK-HAMMERING OF CONCRETE FLOOR SLAB IS NOT ALLOWED.
2. FOR USE WITH PVDF PIPE ONLY.
3. AFTER PENETRATION IS COMPLETE, REPAIR FIRE PROOFING AT UNDERSIDE OF METAL FLOOR DECK.

2241 FLOOR PENETRATION - COMPOSITE FLOOR - METALLIC PIPE

SCALE: NTS