

Technical drawing showing a cross-section of a door threshold installation. The drawing illustrates the relationship between the existing concrete base, the new base plate, and the sealant.

Key components and dimensions:

- Base Plate (NEW):** Labeled as $PL\ 1\frac{1}{2}" \times 3"$ (NEW).
- Base Plate (EXIST.):** Labeled as $PL\ 1\frac{1}{2}" \times 3\frac{1}{2}"$ (NEW).
- Slot in Conc.:** A slot is shown in the concrete base, with a width of $1\frac{1}{2}"$ and a depth of $1\frac{1}{2}"$.
- Sealant:** The bottom $\frac{1}{2}"$ of the slot is filled with SIKAFLEX SELF LEVELING SEALANT. The top $\frac{1}{2}"$ of the slot is filled with MASTERFLOW 928.
- Grout (EXIST.):** The existing grout is shown below the base plate.
- Dimensions:**
 - Overall width of the base plate: $3"$.
 - Width of the slot: $1\frac{1}{2}"$.
 - Depth of the slot: $1\frac{1}{2}"$.
 - Height of the base plate: $2"$.
 - Height of the concrete base: $2"$.
 - Height of the concrete base: $\frac{1}{2}"$.
 - Height of the concrete base: $4\frac{1}{2}"$.

Legend:

- FILL BOTTOM $\frac{1}{2}"$ OF SLOT WITH SIKAFLEX SELF LEVELING SEALANT
- FILL TOP $\frac{1}{2}"$ OF SLOT WITH MASTERFLOW 928

SCALE: $1\frac{1}{2}"=1'-0"$
NO REBAR SHALL BE CUT WITHOUT
PRIOR ENGINEERING APPROVAL

SCALE: $1\frac{1}{2}"=1'-0"$
DWG. 522-041-018

SCALE: 1½"=1'-0"
DWG. 522-041-018

SCALE: $1\frac{1}{2}"=1'-0"$

SCALE: $1\frac{1}{2}"=1'-0"$
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1. FOR GENERAL NOTES SEE DWG. 522-041-001.
2. THE REQUIRED SHEAR REINFORCEMENT ON THE WEST SIDE OF P1-301 SHALL BE IN TWO 9" SECTIONS, SYMMETRICAL ABOUT THE CENTERLINE OF THE BASEPLATE TO CLEAR THE EXISTING INTERFERENCES.
3. THE REQUIRED SHEAR REINFORCEMENT, L2, AT M1-301 SHALL CONSIST OF FOUR 8-3/4" SECTIONS PLACED SYMMETRICAL ABOUT THE CENTERLINE OF THE BASEPLATE ON THE NORTH AND SOUTH SIDE OF THE COLUMN.
4. THE REQUIRED SHEAR REINFORCEMENT ON THE WEST SIDE OF L-301 MAY BE OFFSET FROM THE CENTER OF THE BASEPLATE BY A MAXIMUM OF 2" TO CLEAR EXISTING INTERFERENCES.

522-041-018

EC70139 REV. 0
ATTACHMENT Z95R0
DWG. NO. 522-041-019

0'

GRAPHIC SCALE