This Standard Plan was developed for use on public works projects in the City and County of San Francisco, and shall not be used without consulting a Registered Professional Engineer. The Department of Public Works reserves the right to make revisions to this Standard Plan at any time.

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**EXTEND, INSTEAD OF BENDING, HORIZ. BARS Shown On STD. PLAN 48.057 REV. 4**

**PLAN**

- 2-#5 HOOP
- NEW RCP OR VCP
- EXISTING 3x5' BRICK SEWER
- 8'MAN
- #5 HOOP
- MANHOLE GNOME, SEE STD. PLAN NO. 87.181
- SHELF

**SECTION A-A**

- CLASS 6-3000-3/4 CONCRETE
- SPLICE LAP 30 DBA DIAMETERS

**NOTE:** FOR OTHER DIMENSIONS AND REINFORCING STEEL SEE STD. PLAN 48.057 REV. 4

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**SECTION B-B**

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**BUREAU OF ENGINEERING**
**DEPARTMENT OF PUBLIC WORKS**
**CITY AND COUNTY OF SAN FRANCISCO**

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**STANDARD PLAN**
**HYDRAULICS**
**MODIFIED BOX MANHOLE**
**FOR CONNECTION TO 3"X5' BRICK SEWER**