

NOTE:
 USE CONCRETE HOLE CUTTER
 TO CUT CONCRETE MANHOLE
 WALL $\frac{1}{2}$ " LARGER THAN O.D.
 OF PIPE. CUT FLEXIBLE
 LINER BY HAND.

CAULK AROUND
 PIPE TO LINER
 W/"URABOND
 CAULK"

AMERON PLASTIC
 MANHOLE LINER

IT SHALL BE THE
 CONTRACTOR'S
 RESPONSIBILITY TO REPAIR
 ANY DAMAGE TO AMERON
 PLASTIC LINER.

NOTE:
 "URABOND CAULK" MFG. BY
 POLYRESINS
 P.O. BOX 158
 SUN VALLEY, CA 91352

TOP VIEW

ENTRANCE PIPE FROM
 SEWER LINE

GROUTED W/HYDRALIC
 CEMENT

MANHOLE RING CAST INTO
 CONCRETE SLAB

EARTH OR PAVEMENT

MANHOLE WALL
 ENLARGED
 PIPE
 ENTRANCE

HEIGHT
 VARIES

6"±

SECURE PIPE
 WITH BLOCKS OF
 WOOD & STRAPS
 SO THAT PIPE
 CAN BE HELD IN
 PLACE WHILE
 BACK FILLING IS
 BEING PLACED
 AND SETTLING IS
 IN PROGRESS
 AND BEFORE ANY
 CONCRETE IS
 Poured.

AMERON PLASTIC
 MANHOLE LINER

6" MINIMUM
 THICKNESS
 ON ALL
 SIDES

DETAIL WHEN ENTERING
 MANHOLE IN 6' DIA
 MANHOLE SECTION
 W/48" INTERCEPTOR
 SEWER LINES OR 5' DIA.
 SECTION W/36"
 INTERCEPTOR SEWER
 LINES

DETAIL WHEN
 ENTERING
 MANHOLE IN A 4'
 DIA MANHOLE
 SECTION

48" D.I.P.

CONCRETE

CONCRETE

#5 BARS @ 9" O.C. EACH WAY

OUTSIDE DROP CONNECTION

DEPARTMENT OF PUBLIC WORKS
 SPRINGFIELD, MO.

**JAMES RIVER
 MANHOLE**

ADOPTED:

SAN-14