



### VERTICAL BEND ANCHORS

#### CONSTRUCTION NOTES:

- ① ½" diameter reinforcing steel with 4" minimum concrete cover at hooks.
- ② ⅜" thick felt paper separator barrier.
- ③ Coat rebar with 80 mils of cold-applied bitumastic waterproofing compound.

#### GENERAL NOTES:

1. Water main pressure tests shall be performed subsequent to the curing required in footnote 1 of the Concrete Class Use Table, standard specifications, section 201-1.12.
2. Anchor blocks, where required, shall be poured against undisturbed soil, backfill compacted to 100% relative compaction or class 100 E100 slurry.
3. Dimensions L, H, and W are computed for test pressures of 225 PSI in force mains laid in sandy silt with at least 3 feet of cover.
4. Dimensions L, H, and W shall be approved by the engineer for those water mains which (A) are not poured against undisturbed soil, compacted backfill, or slurry; (B) will be tested to more than 225 PSI; or (C) are not represented by a fitting size shown hereon.
5. Joint fasteners shall not be embedded in concrete.
6. Portions of reinforcing steel not embedded in concrete shall be coated with 80 mils or more of cold applied bitumastic material.

#### ANCHOR BLOCK DIMENSIONS L=H=W IN FT.

<i>FITTING &amp; SIZE</i>	<i>22½° BEND</i>	<i>45° BEND</i>
4"	1.9	2.4
6"	2.5	3.1
8"	3.1	3.8
10"	3.5	4.4
12"	4.0	5.0
14"	4.4	5.5
16"	5.0	6.0
18"	5.3	6.5

CITY OF NEWPORT BEACH  
PUBLIC WORKS DEPARTMENT

APPROVED:

RCE NO. 36106

PUBLIC WORKS DIRECTOR

ANCHOR BLOCK DETAIL II

Drawn: M. Elias

Scale: N.T.S.

Date: Jan. 2004

FAUSERS/PBW/Shared/CAD STD  
STD Details 2003 Std/STD Water

DRAWING NO.

STD-510-L-E