TYPICAL 3\inch - 0 STEEL ANCHORS, 21 \text{-} O.C. MAX.
ALTERNATE UPPER AND LOWER ANCHORS AS SHOWN.

TYPICAL Ito \times 8\" STEEL ANCHORS, 15\" O.C. MAX.
ALTERNATE UPPER AND LOWER ANCHORS AS SHOWN.

DRAWN: STAFF

STAFF 49

1/16\" X 10\" FACE PLATE

3-1/4 BAR X ("W + 6") IN ADDITION TO REINFORCING STEEL PER APPLICABLE CATCH BASIN STANDARD PLAN.

1/4" C.C. HOLE IN PLATE

1 1/4" HOLE IN PLATE

1/2" SUPPORT BOLT

LENGTH = C.F. + 6"

3/16" BAR X 10" FACE PLATE

1/4" C.C. HOLE IN PLATE

1/2" SUPPORT BOLT

LENGTH = C.F. + 6"

1/2" BAR X 8" STEEL ANCHORS, 21" O.C. MAX.
ALTERNATE UPPER AND LOWER ANCHORS AS SHOWN.

1/2" BAR X 8" STEEL ANCHORS, 15" O.C. MAX.
ALTERNATE UPPER AND LOWER ANCHORS AS SHOWN.

SECTION

HOOK ANCHOR - 4\frac{1}{2}\" TOP SLAB

ROUND-HEAD ANCHOR - 4\frac{1}{2}\" TOP SLAB

CITY OF Oxnard

Department of Public Works

STANDARD PLAN 2002

DETAIL OF CATCH BASIN OPENING

PLATE 506

DRAWN: STAFF

CKD.: STAFF

APPR. Granville M. Bowman

SHEET 1 OF 3
END ANCHOR DETAIL

1. Flatten anchor ends to prevent turning.
2. Drill and tap hole and install 3/8-NC x 1/2" socket set screw with 3/16" recessed hex hole.
3. Drill 1/2" hole, 1/4" deep.

PROTECTION BAR AND STIRRUP LOCATION

1. Drill and tap hole and install 3/8-NC x 1/2" socket set screw with 3/16" recessed hex hole.
2. End anchor with coupling and set screw.
3. Support bolt with adjustable stirrup (typ.)
4. 3/4" dia. protection bar.

ELEVATION

END OF BASIN

5/16" R (typ.)

STIRRUP DETAIL

1. Standard plan 2002
2. Plate 506
3. Sheet 2 of 3

Oxnard

Department of Public Works

Granville M. Bowman

APPD
NOTES:

GENERAL
1. ALL PARTS SHALL BE STEEL EXCEPT THE SET SCREWS, WHICH SHALL BE STAINLESS STEEL OR BRASS.
2. EXCLUDING SET SCREWS, ALL EXPOSED METAL PARTS SHALL BE GALVANIZED AFTER FABRICATION.
3. THE CURB FACE SHALL BE NOTED ON THE PROJECT PLANS.
4. THE CURB BATTER SHALL BE 3:12 UNLESS OTHERWISE NOTED ON THE PROJECT PLANS.

FACE PLATE
5. FACE PLATE LENGTHS SHALL BE CATCH BASIN "W" PLUS 12 INCHES.
6. WHEN THE LENGTH OF THE FACE PLATE IS BETWEEN 22 FT. AND 43 FT., 2 SECTIONS MAY BE USED. WHEN THE LENGTH EXCEEDS 43 FT., 3 SECTIONS MAY BE USED. SECTIONS SHALL BE BUTT WELDED TOGETHER IN THE FIELD, THOROUGHLY CLEANED, PRIMED, AND TWO COATS OF ALUMINUM PAINT APPLIED. ALL OTHER WELDING SHALL BE DONE BEFORE GALVANIZING.
7. WHERE CATCH BASINS ARE TO BE CONSTRUCTED ON CURVES, THE MAXIMUM CHORD LENGTH FOR THE FACE PLATE SHALL BE SUCH THAT THE MAXIMUM PERPENDICULAR DISTANCE TO THE TRUE CURVE SHALL NOT EXCEED ONE INCH. WHERE MORE THAN ONE CHORD IS REQUIRED, CHORD LENGTHS SHALL BE EQUAL. CHORD SECTIONS SHALL BE BUTT WELDED TOGETHER.
8. ROUND HEAD ANCHORS FOR THE FACE PLATE SHALL BE NELSON H-4F SHEAR CONNECTOR, KSN WELDING SYSTEMS DIVISION SHEAR CONNECTOR, OR EQUAL.

SUPPORT BOLT
9. SUPPORT BOLTS ARE REQUIRED WHEN THE LENGTH OF THE CATCH BASIN OPENING IS 7 FT. OR GREATER, AND SHALL BE EVENLY SPACED ACROSS THE OPENING. SPACING SHALL NOT BE LESS THAN 3 FT. 6 INCHES ON CENTER, NOR GREATER THAN 5 FT. ON CENTER.

STIRRUP
10. THE MATERIAL SHALL BE CAST STEEL.

PROTECTION BAR
13. NUMBER OF PROTECTION BARS AND LOCATION(S) ARE AS FOLLOWS:

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NUMBER OF PROTECTION BARS

FOR OTHER CURB FACE OR BATTER, SEE PROJECT PLANS.