FIGURE 3-4

PLAN

SECTION B-B

SURFACE FLOWLINE
FRONT AND GRATING
FINISHED SURFACE
CENTER SUPPORT FOR
MULTIPLE GRATES
OPTIONAL GRADE
OPTIONAL ROUGHENED
CONSTRUCTION JOINT (TYP)

SECTION A-A

WALL AND SLAB DIMENSIONS AND
REINFORCEMENT REQUIREMENTS

<table>
<thead>
<tr>
<th>NO. OF.</th>
<th>MAX. V</th>
<th>T</th>
<th>REINFORCEMENT FOR WALLS AND SLABS</th>
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<td>8''</td>
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<td>10''</td>
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<td>12'</td>
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<tr>
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<td>10''</td>
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CITY OF Oxnard

DRAWN: STAFF
CKD.: PAUL WENDT
Department of Public Works

APPR.:
L. Balderramo, PE, City Engineer

STANDARD PLAN 2002
PLATE 504
SHEET 1 OF 2
NOTES:

1. ALL CURVED CONCRETE SURFACES SHALL BE FORMED BY CURVED FORMS, AND SHALL NOT BE SHAPED BY PLASTERING.

2. FLOOR OF BASIN SHALL BE GIVEN A STEEL TROWEL FINISH AND SHALL HAVE A LONGITUDINAL AND LATERAL SLOPE OF 1:12 MINIMUM AND 1:3 MAXIMUM, EXCEPT WHERE THE GUTTER GRADE EXCEEDS 8 PERCENT, IN WHICH CASE THE LONGITUDINAL SLOPE OF THE FLOOR SHALL BE THE SAME AS THE GUTTER GRADE. SLOPE FLOOR FROM ALL DIRECTIONS TO THE OUTLET.

3. DIMENSIONS:

   \[ V = 3.5 \text{ FT.} \]
   \[ V_U = \text{THE DEPTH AT THE UPSTREAM END OF THE BASIN AND SHALL BE DETERMINED BY THE REQUIREMENTS OF NOTE 2, BUT SHALL NOT BE LESS THAN 2.5'}. \]
   \[ V_I = \text{THE DEPTH AT THE INVERT OF THE INLET. NOTED ON PLANS.} \]
   \[ W = 2' - 11 \frac{3}{4}'' \text{ FOR ONE GRATING ADD } 3' - 5 \frac{3}{4}'' \text{ FOR EACH ADDITIONAL GRATING.} \]
   \[ A = \text{THE ANGLE, IN DEGREES, INTERCEPTED BY THE CENTERLINE OF THE CONNECTOR PIPE AND THE CATCH BASIN WALL TO WHICH THE CONNECTOR PIPE IS ATTACHED.} \]


△ 5. ALL CATCH BASINS SHALL INCLUDE INSTALLATION OF A PLACARD STATING "NO DUMPING - DRAINS TO OCEAN" (or WETLANDS or WATERWAYS as applicable). PLACARD SHALL BE PLACED ON THE TOP OF CURB ON THE LEFT SIDE OF THE OPENING ORIENTED SO READABLE FROM THE SIDEWALK. PLACARDS ARE AVAILABLE FROM STORMWATER QUALITY PROGRAM.

6. THE FOLLOWING STANDARD PLANS ARE INCORPORATED HEREIN:

   508 MONOLITHIC CATCH BASIN CONNECTION
   507 CATCH BASIN REINFORCEMENT
   511 FRAME AND GRATING FOR CATCH BASINS

7. ONE GRATING IS REQUIRED UNLESS OTHERWISE SHOWN ON THE PROJECT PLANS.

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GRATED CATCH BASIN—ALLEY (LONGITUDINAL)

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Department of Public Works

APPR.  L. Balderrama, PE, City Engineer

STANDARD PLAN  2002

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SHEET 2 OF 2