DIAMOND SAW CUTTING, MILLING, OR OTHER APPROVED DEVICE SHALL BE USED. REPave TO A CLEAN STRAIGHT EDGE (TYP).

NEW PAVEMENT TO BE 1/8" HIGHER THAN ADJACENT PAVEMENT. APPLY FOG SEAL COAT OF CSS-1 OR SS-1 ASPHALT EMULSION.

COMPACT IN 12" MAX. LAYERS TO A MIN. RELATIVE COMPACTION OF 90%.

3' LIFT MAX. COMPACT TO A MIN. RELATIVE COMPACTION OF 85% COMPACTION BY JETTING OR MECHANICAL MEANS.

D+16" MIN.
D+24" MAX.

SHAPE BOTTOM OF TRENCH TO FIT PIPE BARREL AND PIPE JOINTS. PIPE SHALL BE CENTERED IN TRENCH.
SEE NOTE #1 AND #6.

TYPICAL TRENCH SECTION IN EXISTING IMPROVED STREETS

1. FOR RIGID PIPE, CONTRACTOR MAY, AT THEIR EXPENSE, EXCAVATE 6" BELOW THE BOTTOM OF THE PIPE AND REPLACE WITH SAND OR AGGREGATE SUBBASE IN LIEU OF SHAPING BOTTOM OF TRENCH TO FIT PIPE BARREL. JOINTS SHALL BE SHAPED IN EITHER CASE. COMPACT TO 85%.

2. WHEN TRENCH AND EXCAVATION IS IN EXISTING PAVED STREETS, REPLACE PAVEMENT 12" ON EACH SIDE OF TRENCH, 6" FOR BORE PITS, BELL HOLES AND POT HOLES LESS THAN 50 SQUARE FEET.

3. DEVIATION FROM ABOVE MAY BE ALLOWED WHEN APPROVED BY THE CITY ENGINEER.


5. CONTROLLED DENSITY FILL (CDF) MAY BE USED IN LIEU OF SPECIFIED BACKFILL METHOD. MINIMUM TRENCH WIDTH MAY BE REDUCED TO 2-1/2" CLEAR OF EACH SIDE OF PIPE.

6. FLEXIBLE PIPE SHALL HAVE A 6" BEDDING OF GRANULAR MATERIAL AS DESCRIBED IN NOTE NO. 1.

7. ALL VERTICAL EDGES OF EXISTING ASPHALT CONCRETE SHALL BE TACK COATED.

REV. NO. REV. DATE REV. BY
5 6/1/2003 HL/CA

EXISTING STREET TRENCH SECTION FOR TRENCHES WIDER THAN 8"

CITY OF STOCKTON
DEPARTMENT OF PUBLIC WORKS

SIGNATURE REVISED BY CITY ENGINEER

PINHEIN J. O'REGAN DATE: 11/25/03

SUPERcedes DWG. DATED 01/09/02 DRAWING NO. 50
TYPICAL TRENCH SECTION IN EXISTING STREETS

NOTES:

1. TRENCH — WHERE THE TRENCH SECTION PARALLELS THE EXISTING CURB AND GUTTER. THE EDGE OF THE TRENCH SHALL BE A MIN. OF 1'-0" FROM THE LIP OF THE EXISTING GUTTER AND THE PAVEMENT SHALL BE REMOVED AND REPLACED TO THE LIP OF THE GUTTER.

2. BACKFILL — CONTROLLED DENSITY FILL (CDF) SHALL BE MANDATORY FOR TRENCHES 8" WIDE OR LESS AS PER SECTION 19-3.066 OF THE STANDARD SPECIFICATIONS.

3. PAVEMENT REPLACEMENT — 1 1/2" OF A.C. SHALL BE PLACED WHEN TRENCHES ARE BACKFILLED WITH CDF. PAVEMENT SECTION AS SPECIFIED IN AN "ENCROACHMENT PERMIT" SHALL TAKE PRECEDENCE OVER THE PAVEMENT SECTION AS SHOWN.

4. APPLY FOG SEAL COAT OF CSS-1 OR SS-1 ASPHALT EMULSION

5. PAVING SHALL CONFORM TO SECTION 100-6 OF THESE STANDARDS AND SPECIFICATIONS.

6. ALL VERTICAL EDGES OF EXISTING ASPHALT CONCRETE SHALL BE TACK COATED.

7. GRIND 3" DEEP, 12" EACH SIDE OF TRENCH, AND REPAVE FOR ROCK WHEEL EXCAVATIONS.
NOTES

1. UNDAMAGED PAVEMENT OF 3'-0" OR LESS BETWEEN DAMAGED SECTIONS OF PAVEMENT SHALL BE REMOVED AND REPACED WITH TRENCH RESTORATION.

2. UNDAMAGED PAVEMENT OF 3'-0" OR LESS BETWEEN EDGE OF TRENCH AND EXISTING JOINT LINE SHALL BE REMOVED AND REPACED WITH TRENCH RESTORATION.
TYPICAL OVERLAY OVER TRENCH

SEE DWG. NO. 50D FOR TABLE AND NOTES.
(CONT'D FROM DWG. 50C)

### TABLE 1

<table>
<thead>
<tr>
<th>TI</th>
<th>5.0</th>
<th>5.5</th>
<th>6.0</th>
<th>6.5</th>
<th>7.0</th>
<th>7.5</th>
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<th>9.5</th>
<th>10.0</th>
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</thead>
<tbody>
<tr>
<td>DEEP LIFT AC (INCHES)</td>
<td>9.50</td>
<td>10.00</td>
<td>11.0</td>
<td>11.0</td>
<td>12.50</td>
<td>13.50</td>
<td>14.50</td>
<td>15.50</td>
<td>16.00</td>
<td>17.00</td>
<td>17.50</td>
</tr>
</tbody>
</table>

R VALUE = 5.0

**NOTES:**

1. **IF THE TRENCH IS ADJACENT TO LIP OF GUTTER, ONLY 7’–0” WIDE OVERLAY IS REQUIRED.**
2. **DIAMOND SAWCUT OR MILL EXISTING PAVEMENT REPave TO A CLEAN STRAIGHT EDGE 1/8” ABOVE ADJACENT PAVEMENT.**
3. **95% RELATIVE COMPACTION.**
4. **90% RELATIVE COMPACTION.**
5. **85% RELATIVE COMPACTION. ON TRENCH DEPTHS 18” OR LESS, RELATIVE COMPACTION SHALL BE 95%.**
6. **CONSTRUCT DEEP LIFT AC PAVEMENT AS PER ABOVE TABLE 1.**
7. **FOR R VALUES GREATER THAN 5, SUBMIT GEOTECH AND STRUCTURAL DEEP LIFT PAVEMENT CALCULATIONS.**
8. **CONTACT THE CITY OF STOCKTON, PERMIT CENTER TO ACQUIRE THE LATEST TI VALUE.**
MORATORIUM STREET TRENCHES
REPAIR LIMITS

CITY OF STOCKTON
DEPARTMENT OF PUBLIC WORKS

REV. NO. 1  REV. DATE 6/1/2003  REV. BY HL/EA
DIGITIZED
DWC. BY WW/RH  SCALE NONE
CK. BY

SUPERFLEX
DWC. DATED 01/09/02
DRAWING NO. 50E

REVISON APPROVED BY CITY ENGINEER
Pincoll J. O'Regan
DATE: 11/25/03
NOTES:

1. THIS PIPE BEDDING DETAIL IS APPLICABLE TO STABLE SOIL CONDITIONS ONLY.
2. BEDDING AROUND PIPE SHALL CONFORM TO C.O.S. STD. DWG. NO. 50.
3. THIS TRENCH SECTION MAY ALSO BE USED FOR NEW STREET RIGHTS OF WAY OR EASEMENT.
NEW OR EXISTING STREET
SEE NOTE NO. 1.

SUBGRADE

95% RELATIVE COMPACtion

90% RELATIVE COMPACtion

85% RELATIVE COMPACtion

CLASS 1 CRUSHED AGGREGATE 3/4" 90% RELATIVE COMPACtion.
COMPACTED IN A MAXIMUM OF 8" LIFTS.
SEE DWG. NO. 50.

2"-6" MIN. COMPACT IN 12" MAXIMUM LAYERS.

COMPACT IN 12" LAYERS MAXIMUM WHEN USING MECHANICAL COMPACtion.
ALTERNATE COMPACtion METHOD MUST BE APPROVED BY THE CITY ENGINEER.

D+16" MIN.
D+24" MAX.

NOTES:
1. IF CONSTRUCTED IN AN EXISTING STREET, THE PAVEMENT AND SUBGRADE SHALL BE SUBJECT TO THE CONDITIONS SHOWN ON STANDARD DWG. NO. 50.
2. THIS PIPE BEDDING DETAIL SUITABLE TO STABLE SOIL CONDITIONS ONLY.
3. REFER TO SECTION 71 IN THE STANDARD SPECIFICATIONS.
4. HDPE = HIGH DENSITY POLYETHYLENE PIPE.
NEW STREET CONSTRUCTION

85% COMPACTION

95% COMPACTION

SUBGRADE

SLOPE

85% COMPACTION WHEN TRENCH IS NOT UNDER STREET SECTION OR SIDEWALK.

3'-0" LIFT MAX.

SEE NOTE NO. 3

SHAPE BOTTOM OF TRENCH TO FIT PIPE BARREL AND PIPE JOINTS. PIPE MUST BE CENTERED IN TRENCH

D+16" MIN. D+24" MAX.

NOTES:

1. BEDDING AROUND PIPE SHALL CONFORM TO C.O.S. STD. DWG. NO. 50.
2. THIS TRENCH SECTION MAY BE USED FOR UNIMPROVED STREET RIGHTS OF WAY OR EASEMENTS
3. MATERIAL INDICATED TO BE IMPORTED SAND OR APPROVED CLEAN GRANULAR MATERIAL, FREE OF ALL LUMPS AND DEBRIS. GRADING SHALL BE 100% PASSING A 3/4" SIEVE AND 5%-20% PASSING A #200 SIEVE WITH MINIMUM SAND EQUIVALENT EQUAL TO 20.
NOTES:

1. THIS INSTALLATION SHALL BE USED ON EXISTING M.H. WHERE THE DIFFERENCE IN ELEVATION BETWEEN THE TOP OF THE OUTLET PIPE AND THE INVERT OF THE FEEDER OR COLLECTOR SEWER EXCEED 24".

2. 24" MAXIMUM.

3. FLEXIBLE JOINT – BELL & SPIGOT OR CAULDER COUPLING. SOLVENT WELDED JOINT NOT PERMITTED.

4. THIS DETAIL SHALL ONLY BE USED FOR NEW SANITARY SEWER PIPES 12" OR LESS. PIPES LARGER THAN 12" SHALL REQUIRE SEPARATE APPROVAL BY THE CITY ENGINEER. P.V.C. OR A.B.S. PIPE MUST BE USED INSIDE M.H.

5. INTERIOR OF M.H. TO BE COATED IN ACCORDANCE WITH SECTION 71-1.09 OF THE STANDARD SPECIFICATIONS.

6. OPEN END AND CROSS FITTING.

7. STAINLESS STEEL BANDS ANCHORED WITH STAINLESS STEEL BOLTS TO WALL 24" O.C. (TWO BANDS MIN.)

DIGITIZED 1/1/92

CITY OF STOCKTON
DEPARTMENT OF PUBLIC WORKS

SUPERFICES Dwg. Dated 2/23/95
drawing No. 52A
NOTES:
1. THIS INSTALLATION SHALL BE USED ON NEW M.H. WHERE THE DIFFERENCE IN ELEVATION BETWEEN THE TOP OF THE OUTLET PIPE AND THE INVERT OF THE FEEDER OR COLLECTOR SEWER EXCEED 24".
2. 24" MAXIMUM.
3. FLEXIBLE JOINT - BELL & SPIGOT OR CAULDER COUPLING. SOLVENT WELDED JOINT NOT PERMITTED.
4. THIS DETAIL SHALL ONLY BE USED FOR NEW SANITARY SEWER PIPES 12" OR LESS. PIPES LARGER THAN 12" SHALL REQUIRE SEPARATE APPROVAL BY THE CITY ENGINEER. P.V.C. OR A.B.S. PIPE MUST BE USED INSIDE M.H.
5. INTERIOR OF M.H. TO BE COATED IN ACCORDANCE WITH SECTION 71-1.09 OF THE STANDARD SPECIFICATIONS.
6. OPEN END AND CROSS FITTING.
7. STAINLESS STEEL BANDS ANCHORED WITH STAINLESS STEEL BOLTS TO WALL 24" O.C. (TWO BANDS MIN.)
NOTES:

2. FLEXIBLE JOINT - BELL AND SPIGOT OR CAULDER COUPLING. SOLVENT WELDED JOINT NOT PERMITTED.
3. 24" MAXIMUM.
4. THIS DETAIL SHALL ONLY BE USED FOR DROP PIPES 12" OR LESS. PIPES LARGER THAN 12" SHALL REQUIRE INDIVIDUAL DESIGN AND APPROVAL BY THE CITY ENGINEER.
5. INTERIOR OF M.H. TO BE COATED IN ACCORDANCE WITH SECTION 71-1.09 OF THE STANDARD SPECIFICATIONS.
CONCENTRIC CONE
(STANDARD INSTALLATION)

ECCENTRIC CONE
(USE WITH PRIOR APPROVAL)

CONCENTRIC SHORT CONE
(USE WITH PRIOR APPROVAL)

NOTES:
1. INTERIOR OF CONE TO BE COATED IN ACCORDANCE WITH SECTION 71–1.09A OF THE STANDARD SPECIFICATIONS.
2. ALL HANDLING HOLES SHALL BE PLUGGED WITH CONCRETE MORTAR AFTER CONE INSTALLATION.
LETTERS SPECIFIED TO BE 2" HIGH LOCATED IN THIS AREA, (i.e., SANITARY SEWER, STORM DRAIN, OR SANITARY, STORM, WATER).

1½" DIA. GROUT HOLES. 3 HOLES EQUALLY SPACED.

CAST IRON SKID RESISTANT COVER

CAST IRON FRAME

ADDITIONAL PICK HOLE 1" X 1½"

SEE NOTE NO. 1

FOUNDRY, COUNTRY OF ORIGIN AND DATE OF MANUFACTURE IN THESE LOCATIONS.

STRaight SIdes

SEE NOTE NO. 3

SECTION

NOTES:

1. M.H. FRAME AND COVER TO BE "PINKERTON TYPE" A-624 OR APPROVED EQUAL.
   M.H. COVERS FOR STORM DRAIN SHALL HAVE 4 VENT HOLES CORED IN THE COVER.
2. COVER SHALL BE DESIGNED TO WITHSTAND HS-20 HIGHWAY LOADING.
3. FRAME AND COVER SHALL BE FULLY MACHINED TO ASSURE INTERCHANGEABILITY AND A CLOSE, QUIET FIT.
4. SEE SECTION 75-1.02A. OF THE STANDARD SPECIFICATIONS.
NOTES:
1. PRECAST CONCRETE M.H. UNITS SHALL CONFORM TO A.S.T.M. C-478.
2. CONSTRUCT PIPE STUB JOINT, 2'-0" MINIMUM TO 12'-0" MAXIMUM FOR PVC PIPE AND 2'-0" MAXIMUM FOR RIGID PIPE FROM BASE OF M.H.
3. PRIOR APPROVAL FROM THE CITY ENGINEER MUST BE OBTAINED BEFORE INSTALLING MORE THAN 12" OF GRADE RINGS.
4. FOR TYPICAL PIPE INTERSECTION DETAIL SEE DRAWING NO. 78.
5. INTERIOR OF SANITARY SEWER M.H. SHALL BE COATED IN ACCORDANCE WITH SECTION 71-1.09 OF THE STANDARD SPECIFICATIONS.
'E' BARS, SEE NOTE NO. 3.*
'D' BARS AT 3" C.C.

PLAN

SECTION A--A

'S' BAR, HOOK ENDS 6".

E BARS. SEE NOTE NO. 3.*

SECTION B--B

STANDARD PRECAST REINFORCED CONC. M.H. BARREL.

CONCENTRIC CONE

'D' BARS AT 3" C.C. (TYP.)

'F' PLUS 3"

9"

2'-0"

SEE NOTE NO. 1*

* FOR NOTES, SEE DWG. NO. 56A.

TYPE 2 MAINTENANCE HOLE FOR PIPES 36" DIA. AND LARGER

CITY OF STOCKTON
DEPARTMENT OF PUBLIC WORKS
TABLE VALUES FOR 'F'

<table>
<thead>
<tr>
<th>D2</th>
<th>F</th>
<th>D2</th>
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<td>10&quot;</td>
<td>66&quot;</td>
<td>10 1/4</td>
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<tr>
<td>42&quot;</td>
<td>8 3/4</td>
<td>69&quot;</td>
<td>10 3/4</td>
</tr>
<tr>
<td>45&quot;</td>
<td>7 3/4</td>
<td>72&quot;</td>
<td>11&quot;</td>
</tr>
<tr>
<td>48&quot;</td>
<td>8&quot;</td>
<td>78&quot;</td>
<td>11 3/4</td>
</tr>
<tr>
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<td>84&quot;</td>
<td>12 1/2</td>
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<td>90&quot;</td>
<td>13 1/4</td>
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<td>9 1/2</td>
<td>96&quot;</td>
<td>14&quot;</td>
</tr>
<tr>
<td>60&quot;</td>
<td>9 1/2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(SEE DRAWING NO. 56B, 56C FOR ADDITIONAL DETAILS)

NOTES:

1. LENGTH SHALL BE 5’-6” UNLESS OTHERWISE SHOWN ON THE IMPROVEMENT PLANS.
2. THICKNESS OF DECK SHALL VARY WHEN NECESSARY TO PROVIDE LEVEL SEAT FOR M.H. BARREL.
3. REINFORCING STEEL SHALL BE ROUND, DEFORMED BARS, 2” CLEAR MINIMUM FROM FACE OF CONCRETE. SIZES AND LENGTH ARE SHOWN IN TABLE ON DRAWING 56C.
4. CONCRETE SHALL BE 3000 LBS. PER SQ. INCH MINIMUM AT 28 DAYS.
5. RINGS, REDUCERS, AND M.H. BARRELS FOR ACCESS SHAFT SHALL BE SEATED IN CONCRETE. MORTAR COMPOSED OF ONE PART CEMENT TO 1-1/2” PARTS SAND BY VOLUME AND NEATLY POINTED OR WIPED INSIDE THE SHAFT.
6. FLOOR OF M.H. SHALL BE STEEL TROWELED TO SPRING LINE.
7. BASE OF M.H. SHALL BE POURED IN ONE CONTINUOUS OPERATION, EXCEPT THAT THE CONTRACTOR SHALL HAVE THE OPTION OF PLACING A CONSTRUCTION JOINT AT THE SPRING LINE, WITH A LONGITUDINAL KEYWAY.
8. INTERIOR OF SANITARY SEWER M.H.’S SHALL BE COATED IN ACCORDANCE WITH SECTION 71-1.09 OF THE STANDARD SPECIFICATIONS.
9. M.H. STATIONING ON IMPROVEMENT PLAN SHALL BE TO THE CENTER OF M.H.
(CONT'D FROM DWG. 56B)

NOTES:

1. WHEN DEPTH OF MAINTENANCE HOLE FROM STREET GRADE TO TOP OF BOX IS LESS THAN 2’-10.5” FOR PAVED STREETS OR 3’-6” FOR UNPAVED STREETS CONSTRUCT MONOLITHIC SHAFT AS SHOWN. THE CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING SHAFT AS SHOWN FOR ANY DEPTH OF MAINTENANCE HOLE.

2. PER SECTION A-A ABOVE, IN PAVED STREETS THE MAXIMUM HEIGHT SHALL BE 10.5” AND THE MINIMUM HEIGHT 7.5”; IN UNPAVED STREETS THE MAXIMUM HEIGHT SHALL BE 16.5” AND THE MINIMUM HEIGHT 13.5”.

### REINFORCING STEEL FOR M.H. BOX

<table>
<thead>
<tr>
<th>Dia.</th>
<th>‘C’ Bar</th>
<th>Hook</th>
<th>‘D’ Bar</th>
<th>‘E’ Bar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>No. Req’d</td>
<td>Size</td>
<td>Length</td>
<td>No. Req’d</td>
</tr>
<tr>
<td>36”</td>
<td>2</td>
<td>#4</td>
<td>6’-4”</td>
<td>4</td>
</tr>
<tr>
<td>39”</td>
<td>2</td>
<td>#4</td>
<td>6’-4”</td>
<td>4</td>
</tr>
<tr>
<td>42”</td>
<td>2</td>
<td>#4</td>
<td>6’-4”</td>
<td>4</td>
</tr>
<tr>
<td>45”</td>
<td>2</td>
<td>#4</td>
<td>6’-4”</td>
<td>4</td>
</tr>
<tr>
<td>48”</td>
<td>2</td>
<td>#4</td>
<td>6’-4”</td>
<td>4</td>
</tr>
<tr>
<td>51”</td>
<td>2</td>
<td>#4</td>
<td>6’-4”</td>
<td>4</td>
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<td>78”</td>
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</tr>
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<td>84”</td>
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<tr>
<td>90”</td>
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<td>2</td>
<td>#4</td>
<td>6’-4”</td>
<td>4</td>
</tr>
</tbody>
</table>

3. INTERIOR OF SANITARY SEWER MAINTENANCE HOLE SHALL BE COATED IN ACCORDANCE WITH SECTION 71-1.09 OF THE STANDARD SPECIFICATIONS.
TYPE 3 MAINTENANCE HOLE FOR PIPES 36" DIA. AND LARGER

POUR AGAINST UNDISTURBED EARTH (TYP.)

PLAN

12"
SEE TABLE A *
12"

VARIABLE

PIPE

* FOR TABLE A, SEE DWG. NO. 57A.
M.H. FRAME AND COVER. SEE STANDARD DWG. NO. 54

SEE DRAWING 53

SEE NOTE 4

SEE NOTE 3

SEE TABLE A

SECTION TO BE REMOVED.

1/2 PIPE DIAMETER

FLOW

VARIABLE

SECTION A-A

### TABLE A

<table>
<thead>
<tr>
<th>PIPE DIAMETER</th>
<th>36” THRU 39”</th>
<th>42” THRU 48”</th>
<th>54” THRU 72”</th>
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</thead>
<tbody>
<tr>
<td>CONE DIAMETER</td>
<td>48”</td>
<td>60”</td>
<td>72”</td>
</tr>
</tbody>
</table>

NOTES:

1. ALL CONE SECTIONS TO CONFORM TO A.S.T.M. C-478.
2. MAINTENANCE HOLE TO BE PLACED SUCH THAT EXISTING, OR CAST IN PLACE PIPE, RUNS STRAIGHT THROUGH, BREAK OUT TOP OF PIPE TO A LENGTH EQUAL TO THEPIPE DIAMETER TO PIPE SPRING LINE.
3. INSTALL CONCENTRIC PRE CAST CONCRETE CONE.
4. IF REQUIRED, INSTALL STANDARD 48” PRE CAST CONCRETE VERTICAL SECTIONS TO MEET GRADE.
5. CONSTRUCT FLEXIBLE PIPE JOINTS AT 2’-0” MAX. FROM BASE OF M.H.
6. GROUT ALL M.H. JOINTS WITH 2 : 1 MIX MORTAR.
7. INTERIOR OF SANITARY SEWER M.H. TO BE COATED IN ACCORDANCE WITH SECTION 71-1.09 OF THE STANDARD SPECIFICATIONS.

TYPE 3 MAINTENANCE HOLE FOR PIPES 36” DIA. AND LARGER

CITY OF STOCKTON
DEPARTMENT OF PUBLIC WORKS

REV. NO. 2 DATE 2/23/95 DRAWING NO. 57A
DIGITIZED 1/1/92

SUPERCRIES Dwg. dated 12/31/80

FEBRAN J. O'REGAN 01/09/02
NOTE:

LAMPHOLE MAY BE INSTALLED AT END OF SANITARY SEWER LINES ONLY WITH APPROVAL FROM THE CITY ENGINEER.
CORE 7/8" DIA. HOLE

STAINLESS STEEL FLAT HEAD SCREWS
3/4" X 1 1/2"

1" X 1 1/4" PICK HOLE

CORE (3) HOLES FOR DIA. ANCHOR BOLTS

PLAN

S

LETTER "S" PLACED AT CENTER OF COVER

SECTION A-A

NOTE:
USE SOUTH BAY FOUNDRY NO. (B26) SBF 142 WITH STAINLESS STEEL BOLT DOWN

SCREWS OR EQUAL

LAMPHOLE
RING & COVER

CITY OF STOCKTON
DEPARTMENT OF PUBLIC WORKS

REV. NO. REV. DATE REV. BY
1 6/1/2003 HL/EA

DIGITIZED 1/1/92

Dwg. By RC Scale
Chk. By NONE

SUPERFACES Dwg. Dated
01/09/02

DRAWING NO. 59

REVISION APPROVED BY CITY ENGINEER

F. O'REGAN
11/25/03