



| BUREAU OF ENGINE                |             | DEPARTMEN | T OF        | PUBLIC | WORKS CITY OF LOS ANGELES |                 |            | GEL ES                    |                |  |
|---------------------------------|-------------|-----------|-------------|--------|---------------------------|-----------------|------------|---------------------------|----------------|--|
|                                 | SH          | IALLOV    | V SEWER     | MAN    | IHOLE                     |                 |            | S-144-                    | LAN            |  |
| SUBMITIED Augustani981          |             | REVISIONS |             |        |                           |                 |            | SUPERSEDES                | REFERENCES     |  |
|                                 | NQ          | DATE      | DESCRIPTION |        |                           | ENG'R OF DESIGN | CITY ENG'R | 8-3460                    | S-140          |  |
| Lubert & Election               |             |           |             |        |                           |                 |            | 3                         | S-141<br>S-282 |  |
| APPROVED Sept 198/              |             |           |             |        |                           |                 |            | -}                        |                |  |
| Constitution of anna            | <del></del> |           |             |        |                           |                 |            |                           |                |  |
| DESIGNED BY DRAWN BY CHECKED BY | 1           |           |             |        |                           |                 |            | VAULT INDEX.NUMBER 8-4015 |                |  |
| LIE RGM LJM                     |             | 1         |             |        | <del></del>               |                 |            | SHEET I O                 | F 2 SHEETS     |  |

## NOTES

- 1. EXCEPT AS INDICATED HEREON OR ON THE PROJECT PLANS, MANNOLES SHALL CONFORM TO STANDARD PLANS S-140, SEWER MANHOLES GENERAL, AND STANDARD PLAN S-141, BRICK MANHOLE.
- 2. ALL SEMER PIPE SHALL, UNLESS OTHERWISE INDICATED ON THE PROJECT PLANS, BE ANY OF THE FOLLOWING:
  - A. VCP CONFORMING TO SECTION 207-8 OF THE STANDARD SPECIFICATIONS.
  - B. ABS SOLID WALL PIPE CONFORMING TO SECTION 207-14 OF THE STANDARD SPECIFICATIONS.
  - C. ABS COMPOSITE PIPE CONFORMING TO SECTION 207-15 OF THE STANDARD SPECIFICATIONS.
  - D. PVC PIPE CONFORMING TO SECTION 207-16 OF THE STANDARD SPECIFICATIONS.
- 3. DIMENSIONS:

H - SEE PROJECT PLANS

UNLESS OTHERWISE INDICATED ON THE PROJECT PLANS,

Dp = 8 INCHES

DM = 3'-6"

T - SEE STAILDARD PLAN S-140, SEWER MANHOLES - GENERAL

4. CONCRETE SHALL CONFORM TO SECTION 201 OF THE STANDARD SPECIFICATIONS, AND SHALL BE:

CLASS 660-B-3750 FOR THE INNER BASE;

CLASS 560-B-3250 FUR THE BASE;

CLASS 420-C-2000 FOR BACKFILL AND PIPE ENCASEMENT.

THE CONTRACTOR MAY, AT HIS OPTION, FURNISH A HIGHER CLASS OF CONCRETE FOR THE BASE AND/OR BACKFILL AND PIPE ENCASEMENT TO MINIMIZE THE NUMBER OF DIFFERENT CLASSES OF CONCRETE USED. THE CONCRETE FOR THE INNER BASE AND THE SHELVES MAY BE PLACED MONOLITHICALLY WITH THE OUTER BASE. WHERE THE BASES ARE PLACED SEPARATELY, A ROUGHENED CONSTRUCTION JOINT SHALL BE PROVIDED BETWEEN THE SEPARATE PLACEMENTS OF THE CONCRETE.