

DEPARTMENT OF PUBLIC WORKS  
CITY AND COUNTY OF HONOLULU

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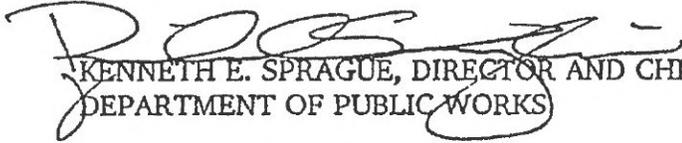
IN REPLY REFER TO:

96-14-0493

August 23, 1996

ENGINEERING AND POLICY MEMORANDUM NO. 2-96

TO: ALL ARCHITECTS, ENGINEERS AND CONTRACTORS

FROM:  KENNETH E. SPRAGUE, DIRECTOR AND CHIEF ENGINEER  
DEPARTMENT OF PUBLIC WORKS

SUBJECT: REVISIONS TO THE STANDARD SPECIFICATIONS DATED SEPTEMBER  
1986, AND THE STANDARD DETAILS DATED SEPTEMBER 1984, FOR  
PUBLIC WORKS CONSTRUCTION

Effective immediately, we have the following revisions to the Standard Specifications and Standard Details:

- A. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, SEPTEMBER 1986

Delete paragraph 23.2.F. Frames and Covers, in its entirety and in its place insert the following new paragraph 23.2.F:

"F. Frames and Covers.

- 1) Cast Iron Frames and Covers shall be new, conforming to the requirements for Gray Iron Castings, ASTM A 48, Class No. 30B minimum, and shall be cast true to pattern with dimensions and appropriate markings as shown on the Standard Details and as specified hereinafter.
- 2) Castings shall be sound and free from patches, warps, cracks, welds, blowholes, and other defects and imperfections.
- 3) Cast onto each frame and cover shall be the foundry's identifying mark, country of origin, and date.

- 4) The bearing faces of the frames and covers shall be machined and fitted together to prevent rocking of the cover when rotated to any position in the frame.
- 5) Dimensions indicated on the Standard Details are minimum finished dimensions. Draft angles will be allowed provided minimum dimensions are maintained and fit, interchangeability, and serviceability are unaffected. Maximum draft angle shall be 3 degrees.
- 6) Weights indicated on the Standard Details are approximate.
- 7) Notwithstanding the fit, dimension and weight requirements specified herein, all frames and covers of the same type shall assemble interchangeably.
- 8) All castings shall be thoroughly cleaned before leaving the shop and shall be shipped UNPAINTED. Castings shall be field cleaned and painted as specified hereinafter.
- 9) Unless otherwise specified, the CONTRACTOR shall be responsible to provide compliant castings. Accordingly, the contractor shall be responsible to inspect castings for compliance with the requirements specified herein. However, the Engineer reserves the right to perform any inspection and to review any applicable document deemed necessary to ensure compliance.
- 10) The contractor shall provide to the Engineer, a manufacturer's certification of compliance, with test results, as provided in ASTM A 48. Submission of such certificate shall not relieve the contractor from his responsibility to provide compliant castings."

The above revised paragraph 23.2.F. shall also be applicable to drain manhole frames and covers.

B. STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION, SEPTEMBER 1984.

Amend Standard Detail No. S-32 Manhole Frame—Type SA. Referenced approximate weight shall be corrected to read "210 pounds" in lieu of "156 pounds".

Should there be any questions, please contact the Department of Wastewater Management at 527-6904.