REVISIONS
Revised 10/5/79
10/15/79 2

Codes
1. Building Code for the City of New York.
2. AISC "Specification for the Design, Fabrication, and Erection of Structural Steel for Buildings.
3. Structural Welding Code AWS D1.1-Rev. 2-77.
4. ACI 318-77 "American Concrete Institute Standard Building Code Requirements for Reinforced Concrete".

Site
1. Dimensions shown in the Drawings are correct to the best of the knowledge of the Engineer. However, the Contractor shall verify all dimensions by field measurements prior to installing any material. For material fabricated to fit within restricted dimensions, field dimensions shall be verified prior to fabrication and shall be shown in the shop detail drawings. Shop drawings shall be submitted for approval to the PANYNJ.
2. The length of new members which can be delivered to their various locations is generally limited to 15 feet. The Contractor shall familiarize himself with the site and, where field splicing of members is required, they shall be shown in the shop detail drawings.

Structural Steel
1. All steel shall be ASTM A36 or another weldable steel included in paragraph 1.4.1.1 of AISC Specifications.
2. All bolted connections shall be made with A325-F bolts.
3. Flags are used to convey end reactions and/or details.
   26 — indicates a connection detail meeting AISC requirements for 26 kips.
   985A — indicates a detail is shown in page 19-A-985. When reactions are indicated, the connection is to be provided as above.
4. Electrodes, flux and shielding gas shall conform to AWS A5.1-69, AWS A5.17-69 or AWS A5.20-69 as applicable and shall provide physical properties after welding equivalent to or better than E7018 low hydrogen electrodes. Drying or redrying of low hydrogen electrodes shall be performed at a temperature between 700 and 800 degrees Fahrenheit for not less than one hour.
5. If parts to be joined with fillet welds cannot be brought into direct contact, the fillet weld shall be increased in size above that indicated in the drawing. The increase in size shall be equal to or greater than the gap.
6. Remove spray fireproofing as required. Spray fireproof all added steel and replace spray fireproofing on existing steel.

Reinforced Concrete
1. Concrete
   A. Concrete shall be f'c = 4,000 psi made with normal weight aggregate.
   B. Concrete which is to be adjacent to existing concrete shall have mixes designed and proportioned to produce minimum practicable shrinkage.
   C. Where concrete is to be cast against existing concrete, the existing concrete shall be cleaned and completely coated with an approved epoxy bonding agent prior to casting new concrete.
2. Reinforcing Steel
   A. All reinforcing steel shall be deformed bars conforming to ASTM A615, Grade 60 unless otherwise noted in the Drawings.
   B. Detailing of all reinforcing steel shall conform to "ACI Manual of Standard Practice for Detailing Reinforced Concrete Structures -- (ACI 315-74)".

SIGNED
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REVIEWED W. Brewer