



**FOUNDATION NOTES:**

- All concrete for piers, pile caps and slabs to be 4000 lbs. per square inch controlled concrete. All concrete for foundation walls to be 3500 lbs. per square inch controlled concrete.
- Reinforcing steel shall be of vertical reinforcement (4# min.) uniformly spaced.
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- Provide dimensions in foundation walls for wall bearing beams.
- First dimension of piers is parallel to web of column above unless otherwise noted.
- No backfill shall be placed against foundation walls until adjoining floors have been poured and attained initial set.
- For all exterior wall columns, cast wall directly over pier until after steel is erected and then fill in with same concrete by superstructure contractor.
- Provide slots, holes and openings in foundation walls as required for electrical and mechanical trades.
- No construction shall be started before borings are submitted in accordance with Sect. C28-1301.0 of the Administrative Code.
- Provide ejector pits, sump pits, etc. as called for on architectural and mechanical drawings.
- Provide water stops where shown on drawings and at all joints.
- No shot bolts, dowels, etc. permitted to pierce hydrostatic finish for concrete piers, etc.
- Load test will be filed in accordance with Sect. C28-1307.1 of the Administrative Code.
- All reinforcement shall be stamped with name of intermediate grade new billet steel conforming to A.S.T.M. Specification A-706.
- All steel reinforcement shall be stamped with name of manufacturer and grade of steel.
- Procedure in A.S.T.M. Specification A-706 shall be followed in all cases.

- FIELD PROCEDURE NOTES:**
- No horizontal joints shall be placed in walls except as shown on drawings, without the approval of the engineer.
  - For water stop requirements see Foundation Specifications.
  - Maximum lengths of foundation wall pour in one operation shall be no more than 60 feet.
- CONTROLLED CONCRETE NOTES:**
- All concrete work shall be inspected by a Licensed Professional Engineer engaged by the Owner and approved by the Engineer of Record as per C28-1301.0 of the New York City Building Code. The Engineer of Record shall be responsible for the quality of the concrete materials, the proportions of the mix, the curing of the concrete and the quality of the reinforcing steel, the temperatures, including those of the concrete when placed, and the placement of the concrete. The Engineer of Record shall also be responsible for the quality of the concrete during the progress of the work and for the concrete when placed by the contractor. The Engineer of Record shall also be responsible for the concrete when placed by the contractor during the progress of the work and for the concrete when placed by the contractor.
  - During the progress of the work, samples of concrete shall be taken directly from the plant and tested as per 16-1.1 of the New York City Building Code. Records of slump, air content, temperature, weight per cubic foot and compression tests of concrete samples shall be kept on file and made available for inspection by the Engineer of Record at all times during the progress of the work. The test strength shall be the average of the breaking strength of three acceptance cylinders which shall be tested in accordance with C28-1303.1 by an approved testing laboratory. The test strength of each of the three acceptance cylinders shall be tested in compression seven days after it is made.
  - Before any concrete work is performed, an assessment shall be made by the Engineer of Record as to the suitability of the concrete for the work. The Engineer of Record shall be responsible for the concrete when placed by the contractor during the progress of the work and for the concrete when placed by the contractor.

**REVISIONS**

NO.	DATE	DESCRIPTION
1	12/22/71	ISSUED FOR PERMIT
2	1/28/72	REVISIONS TO FOUNDATION PLAN
3	2/15/72	REVISIONS TO FOUNDATION PLAN
4	2/15/72	REVISIONS TO FOUNDATION PLAN

**BANKERS TRUST PLAZA**

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.  
 SHREVE, LAMB & HARMON ASSOCIATES P.C.  
 ARCHITECTS  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10018  
 PETERSON AND BRICKBAUER  
 ASSOCIATED ARCHITECTS  
 919 THIRD AVENUE N.Y. N.Y. 10022  
 THE OFFICE OF JAMES RUDERMAN  
 STRUCTURAL ENGINEERS  
 315 MADISON AVENUE N.Y. N.Y. 10017  
 J. A. ROSS, BAUM & BOLLES  
 MECH. & ELEC. ENGINEERS  
 345 PARK AVENUE N.Y. N.Y. 10022

**FOUNDATION PLAN**

PROJECT NUMBER	7101
DRAWING NUMBER	S-2
DATE	
SCALE	

- SUBWAY NOTES:**
- ALL BUILDING MATERIALS EQUIPMENT AND UTILITY SHALL BE INSTALLED IN ACCORDANCE WITH THE SUBWAY AUTHORITY'S REQUIREMENTS AND SPECIFICATIONS.
  - THE SUBWAY AUTHORITY SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE SUBWAY STRUCTURE AND FOR THE PROVISION OF ALL NECESSARY SERVICES.
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REVISED FOR 100 TONS PILE CAPACITY (SEPT. 13-71)

**NOTES:**

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**FOUNDATION PLAN NORTH**

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