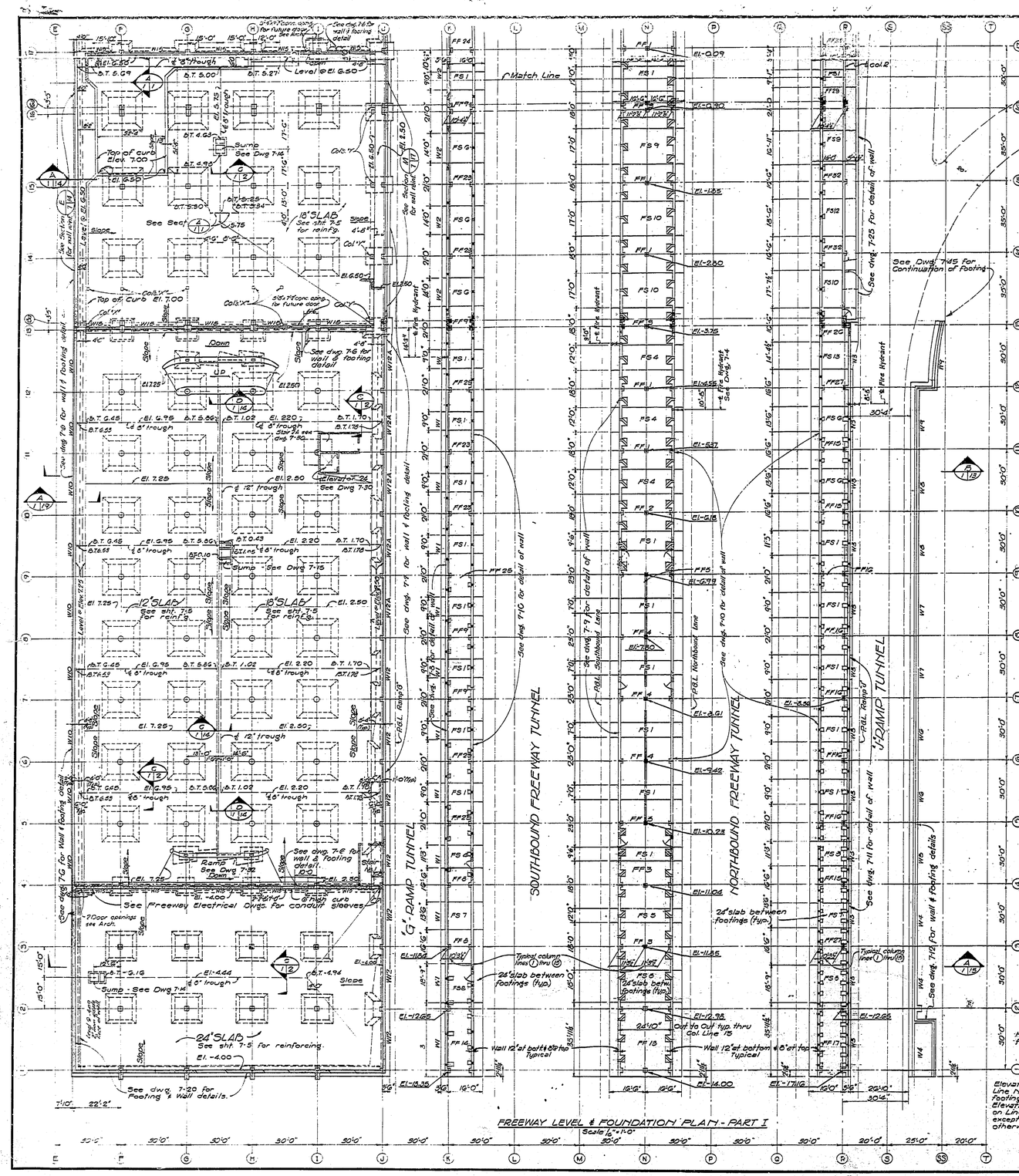
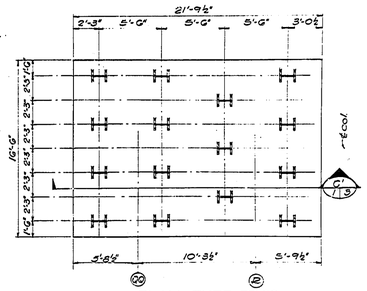
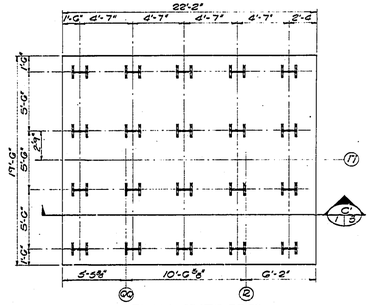


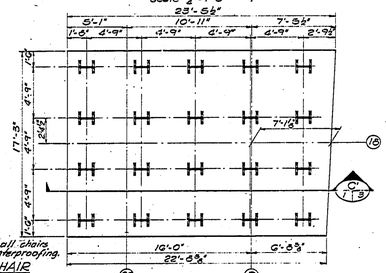
FREEWAY LEVEL & FOUNDATION PLAN - PART I
Scale 1/8" = 1'-0"



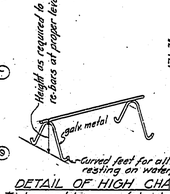
PLAN - TYPE FF 32
scale 1/4" = 1'-0"



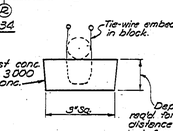
PLAN - TYPE FF 33
scale 1/4" = 1'-0"



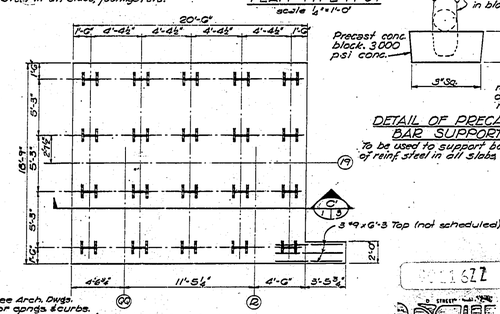
PLAN - TYPE FF 34
scale 1/4" = 1'-0"



DETAIL OF HIGH CHAIR
To be used to support top layer of reinf. steel in all slabs, footings, etc.



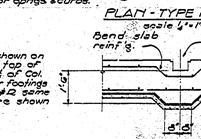
DETAIL OF PRECAST BAR SUPPORT
To be used to support bottom layer of reinf. steel in all slabs, beams, etc.



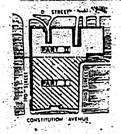
PLAN - TYPE FF 35
scale 1/4" = 1'-0"

Note: See Arch. Dwgs. for door aprons & curbs.

Elevations shown on Line N are top of footing at ℄ of Col. Elevation for footings on Lines 14 & 12 same except where shown otherwise.



SECTION
scale 1/4" = 1'-0"



KEY PLAN

Live Loads are as follows in p.s.f.:

Roof (snow load)	30
Office, Corridors, Lobby	80
Stairs, Corridors & Lobby	100
Toilets	60
Mail Rooms	100
Storage Rooms	150
Lobbies	150
Gymnasium	100
Communications	150
Automatic Data Processing	150
Auditorium	50
Museum	80
Mechanical Rooms	150
Plaza	100
Service Level - Throughout	200
Garages - All Floors	100
Loading Dock - AASHO H-20 Truck loading.	

Concrete f'c1 on metal deck over "E" Ramp Interpretation shall be 2500 psi lightweight aggregate. All other concrete shall be stone or gravel aggregate. Interior columns and roof of Ramp between shelving and O.D. Ed Bridge shall be 4000 psi. Concrete for seal slabs shall be 2000psi. All other concrete (including wall columns) shall be 3000psi.

Provide waterstops in all horizontal and vertical construction joints and expansion joints in contact with earth and at all horizontal and vertical control joints in contact with earth where membrane waterproofing is not provided including planters. Waterstops shall be 6" wide unless otherwise shown. Standard steel shall be ASTM A 36, except where A-441 is noted on the dwgs. All bolts shall be A-325, with threads excluded from the shear planes; anchor anchor bolts shall be A-307. Anchor bolt plans shall be submitted in shop drawings. See Sht. 7-20 for typical shear connections.

All foundation piles shall be WSP02 with a design load of 100 tons. Spread footings and mat foundation are designed for maximum soil pressure of 2000 psf and shall be constructed on undisturbed earth or properly compacted backfill. Max. design uplift for piles is 25 tons. Unless otherwise shown, 18" deep keys shall be formed in all horizontal construction joints in walls. Keys shall be one third the width of the wall.

Concrete fireproofing for structural steel, unless otherwise noted, shall provide the following minimum cover:
All beams and girders immediately above freeway and ramps & in fan rooms -- 2½"
Other beams and girders supporting more than one floor -- 2½"
Other beams and girders supporting one floor -- 2"
Columns -- -- -- -- 2"
All structural steel to be fireproofed except where specifically noted otherwise.

SECTION MARKS

F1 — Indicates Section Number
Indicates sheet on which detailed Section is located
Indicates sheet on which reference mark is located

All welding shall conform to AWS specs. using E70 electrodes.
PGL - Profile Grade Line.
See Dwg. 7-G for list of Standard Details.
Elevations noted B.T. are at bottom of trench. Other elevations are top of slab.
See dwg. 7-3 for Freeway Footing Schedule.
See dwg. 7-4 for Footing Schedule of other footings.
See Dwg. 7-5 for Basement Slab Reinforcing.
Hydraulic gradient for ground water is assumed to be at El. +5.0 at the North curb of Constitution Ave. rising gradually, to El. +15.0 at ℄ "C" Street and then level at El. +15.0 to "D" Street.
See dwg. 7-C for continuation of General Notes.

BROOKS BARR GRAEBER & WHITE AND PITTS MEDANE PHELPS & WHITE
ARCHITECTS AND ENGINEERS

APPROVED: ARCHITECTURAL | STRUCTURAL | MECHANICAL

GENERAL SERVICES ADMINISTRATION
PUBLIC BUILDINGS SERVICE - WASHINGTON D.C.

PROJECT	U.S. DEPARTMENT OF LABOR
LOCATION	WASHINGTON D.C.
STREET	200 CONSTITUTION AVENUE N.W.
PROJ. NO	49918
FILE NO	
DRAWN BY	GLL
CHECKED BY	JAG
DRAWING TITLE	FREEWAY LEVEL & FOUNDATION PLAN - PART I
	STRUCTURAL
DRAWING NUMBER	7-1

LOCKWOOD, ANDREWS & NEWNAM, INC.
CONSULTANTS

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