

*J. George Stewart*  
ARCHITECT OF THE CAPITOL  
WASHINGTON, D. C.

*File*

August 18, 1959

Honorable Sam Rayburn, Chairman  
House Office Building Commission  
House of Representatives  
Washington, D. C.

My dear Mr. Chairman:

I am enclosing a copy of the progress report  
on the Additional House Office Building Project as  
of August 10, 1959.

Sincerely yours,

*George*

J. George Stewart  
Architect of the Capitol

August 10, 1959

PROGRESS REPORT  
ADDITIONAL HOUSE OFFICE BUILDING PROJECT

A. ADDITIONAL HOUSE OFFICE BUILDING

1. Relocating Sewer in Square 635

- (a) Contractor, Gunnell Construction Company, Inc.
- (b) Contract is 100% complete with the exception of submitting record drawings.

2. Foundations

- (a) Contractor, McCloskey and Company
- (b) Contract is 63% complete as of July 31, 1959.
- (c) Work performed last month:

S. W. Quadrant

Driving Foundation pile shells.

Pouring concrete in pile shells.

Excavating for pile caps and foundation mat.

Setting forms.

Placing reinforcing steel.

Poured final blocks of pile caps and foundation mat.

Installing whalers, rakers and lateral lacing in the foundation bracing system.

All piles are now driven and concreted, and the entire foundation mat is poured in the S.W. Quadrant.

N. W. Quadrant

Driving foundation pile shells.

Pouring concrete in pile shells.

Excavating for pile caps and foundation mat.

Setting Forms.

Placing reinforcing steel.

Pouring various blocks of pile caps and foundation mat.

Installing raker knee posts, whalers, rakers and lateral lacing in the foundation bracing system.

General excavation.

S. E. Quadrant

Driving foundation pile shells.

Pouring concrete in pile shells.

Excavating for pile caps and foundation mat.

Setting forms.

Installing foundation under-drainage.

Placing reinforcing steel.

Poured a block of foundation mat and installed a raker knee post.

Completed load bearing pile Test #5.

General excavation.



N. E. Quadrant

Driving foundation pile shells.

Pouring concrete in pile shells.

Excavating for pile caps and foundation mat.

Setting forms.

Installing foundation under-drainage.

Placing reinforcing steel.

Poured a block of foundation mat.

Demolishing old Tiber Creek sewer.

General excavation.

The following work was completed in the first section of foundation lug #5:

Excavation

Drove lug steel sheet piling.

Drove foundation pile shells.

Poured concrete in pile shells.

Placed reinforcing steel.

Poured first section between specified control joints.

General

To date a total of 29,915 cu. yds. of concrete has been poured in pile caps, foundation mat and foundation lug in all four quadrants. 5,578 foundation pile shells have been driven in all four quadrants of which 4,405 pile shells have been filled with concrete.

3. Structural Steel

- (a) Contractor, Bethlehem Steel Company.
- (b) Several revisions to the program have been made to date, some having extensive effect on the work, but none have had any effect on this contract. These include the changes in the construction of the polygonal terrace walls, the relocation of the TV studio facilities, the possible preparation of an area in the Basement for a Cafeteria. The only change that will affect this contract is the decision to eliminate from the Foundation Contract (686-F) the installation of that portion of the foundation necessary for column No. N23b which projects beyond the normal line of excavation construction. The details for this change have not been completed.

4. Superstructure

- (a) Harbeson, Hough, Livingston and Larson, Associate Architects.
- (b) All contract material is proceeding with the checking by the Associate Architects and the reviewing by the Architect of the Capitol being relatively completed for some parts of the work.



Additional revisions are now being made for the removal of the mail and package conveyor systems, the relocation of the TV studio facilities, and the design of new details for the construction of the polygonal terrace walls as solid masonry.

Final approval of the proposed new electric distribution system has been received. Approval of the new layout for the TV facilities has not been given to date although it is expected momentarily.

The specifications are still being reviewed and checked. Unfortunately the various revisions being made are changing some sections already checked and reviewed, and will necessitate new checks and reviews. It is hoped that this can be held to a minimum.

In addition to the above the Architects are currently investigating the possibility of preparing an area of the building for the future development of a Cafeteria.

#### B. CHANGES, ALTERATIONS AND REMODELING OF NEW HOUSE OFFICE BUILDING

##### 1. Cafeteria

- (a) Contractor, Irons and Reynolds, Inc.
- (b) Contract is practically complete except record drawings and work on a few change orders.

##### 2. Tunnels

Drawings for the tunnels are in the process of being completed.

##### 3. Suite Alterations (Lighting of Committee Rooms)

Work is progressing on studies for lighting of the Committee Rooms.

##### 4. Lower Floor Activities

Mr. Buckley of the Post Office Department is restudying the layout of the New House Office Building work room and sub-station following discussions with Post Master Morris.

Approval has been received on the 1/16" scale layout for the relocation in the sub-basement of charwomen and linen rooms, and for plumbing shop alterations to the folding room work room, to allow for the take-out bar on the basement floor. Working drawings are to be started this week for construction during the recess of Congress.

#### C. CHANGES, ALTERATIONS AND REMODELING OF THE OLD HOUSE OFFICE BUILDING

##### 1. Garage



- (a) Contractor, Kirk Lindsey, Inc.
- (b) Work is complete except a few punch list items which are being worked on.

2. Alteration Design Status

|   |              |
|---|--------------|
| Architectural and Structural              | 55.69%       |
| Plumbing                                  | 7.68%        |
| Heating, Ventilating and Air Conditioning | 6.05%        |
| Electrical                                | <u>6.48%</u> |
|   | 75.90%       |

D. SUBWAYS TO CAPITOL

1. Shelton and Stanford, Associate Architects

- (a) The Associate Architects report as follows:

"You have advised us to proceed with the additional House Office Building West Subway and Transportation System at this time. You also advised that we were not to proceed with the East Subway for the Old and New House Office Buildings - and also just at this time we were not to proceed with the two new elevators approved for the East House Wing of the Capitol Building.

"Our associates in Washington are in process of preparing a sketch alternate for your consideration on the matter of entering the Capitol from the West Subway Capitol Terminal by escalators, a hydraulic elevator and steps to reach a higher proposed cross tunnel to the proposed new West elevators. This will be ready in approximately two weeks. At this time we also expect to give to you a comparative cost estimate between the original submission and the alternate.

"Until this is settled we are not proceeding with the rest of the Subway as parts of it may be affected by this above decision.

"We understand when you decide whether to proceed with the original submission or the alternate that you will send to us a supplement to our contract including the necessary work within the Capitol Building."

ARCHITECT OF THE CAPITOL  
WASHINGTON, D. C.

*File*  
*WB*

July 16, 1959

Honorable Sam Rayburn  
Speaker of the House  
of Representatives  
Washington, D. C.

My dear Mr. Speaker:

I am enclosing a copy of the progress  
report on the Additional House Office Building  
Project as of July 7, 1959.

With best wishes,

Sincerely,

*George.*

J. George Stewart  
Architect of the Capitol



July 7, 1959

PROGRESS REPORT  
ADDITIONAL HOUSE OFFICE BUILDING PROJECT

A. ADDITIONAL HOUSE OFFICE BUILDING

July 16, 1959

1. Relocating Sewer in Square 635

- (a) Contractor, Gunnell Construction Company, Inc.
- (b) Contract is 100% complete with the exception of submitting record drawings.

2. Foundations

Honorable Sam Rayburn

Speaker of the House

- (a) Contractor, McCarthy and Company
- (b) Contract is 100% complete as of June 30, 1959
- (c) Work completed in 1 month:  
Washington, D. C.

S. My dear Mr. Speaker:

Driving foundation pile shells.

Pouring concrete in pile shells. **I am enclosing a copy of the progress**

Excavating for pile caps and foundation mat.

Setting forms. **report on the Additional House Office Building**

Placing reinforcing steel.

Pouring various blocks of pile caps and foundation mat. **Project as of July 7, 1959.**

Installing whalers, raker posts and rakers in the foundation

bracing system. **With best wishes,**

General excavation.

**Sincerely,**

N.W. Quadrant

Driving foundation pile shells.

Pouring concrete in pile shells.

Excavating for pile caps and foundation mat.

Setting forms.

**J. George Stewart**

Placing reinforcing steel.

**Architect of the Capitol**

Pouring various blocks of pile caps and foundation mat.

Installing raker knee posts.

General excavation.

S.E. Quadrant

General excavation.

Driving foundation pile shells.

Setting up for load bearing pile test #5.

Installing whalers and a temporary raker.

N.E. Quadrant

General Excavation.

Demolishing old Tiber Creek sewer.

Driving foundation pile shells.

Excavating for the first foundation lug.



July 7, 1959

PROGRESS REPORT  
ADDITIONAL HOUSE OFFICE BUILDING PROJECT

A. ADDITIONAL HOUSE OFFICE BUILDING

1. Relocating Sewer in Square 635

- (a) Contractor, Gunnell Construction Company, Inc.
- (b) Contract is 100% complete with the exception of submitting record drawings.

2. Foundations

- (a) Contractor, McCloskey and Company
- (b) Contract is 61% complete as of June 30, 1959
- (c) Work performed last month:

S.W. Quadrant

Driving foundation pile shells.  
Pouring concrete in pile shells.  
Excavating for pile caps and foundation mat.  
Setting forms.  
Placing reinforcing steel.  
Pouring various blocks of pile caps and foundation mat.  
Installing whalers, raker posts and rakers in the foundation bracing system.  
General excavation.

N.W. Quadrant

Driving foundation pile shells.  
Pouring concrete in pile shells.  
Excavating for pile caps and foundation mat.  
Setting forms.  
Placing reinforcing steel.  
Pouring various blocks of pile caps and foundation mat.  
Installing raker knee posts.  
General excavation.

S.E. Quadrant

General excavation.  
Driving foundation pile shells.  
Setting up for load bearing pile test #5.  
Installing whalers and a temporary raker.

N.E. Quadrant

General Excavation.  
Demolishing old Tiber Creek sewer.  
Driving foundation pile shells.  
Excavating for the first foundation lug.



General

To date a total of 24,743 cu. yds. of concrete has been poured in pile caps and foundation mat in all four Quadrants. A total of 5,208 foundation pile shells have been driven in all four Quadrants of which 3,807 pile shells have been filled with concrete.

## 3. Structural Steel

- (a) Contractor, Bethlehem Steel Company.
- (b) All shop drawings submitted to date, have been approved and returned to the Contractor.

While many revisions are being made, none, recently, are having any serious effect on this contract. Engineers are currently checking for revisions that will be required by the change in the construction of the polygonal terrace walls. Thus far no structural change has been found necessary.

Steel fabrication is well along and approximately 6,500 Tons have been shipped to Washington for storage prior to erection.

## 4. Superstructure

- (a) Harbeson, Hough, Livingston and Larson, Associate Architects.
- (b) All contract material is still being reviewed by the office of the Architect of the Capitol and being checked by the Associate Architects. Work with the drawings is progressing smoothly, with many of the changes and additions to the building program now under way or being completed. It was decided by the Architect of the Capitol that the polygonal terrace walls should be constructed as solid masonry walls, therefore all such walls shown on numerous drawings with concrete backup are now being changed. The provisions for a possible future Legislative Call Speaker System are currently being developed on the basis of the program recently agreed to. It has also been decided to re-align the steam tunnel. This work is just getting under way.

No final decision has been reached to date concerning the electric distribution system or the relocation and expansion of the TV Studio facilities. These decisions are expected to come shortly and as soon as they do the Architects intend to submit an estimate of the total delay that will result from all these changes.

Meanwhile the specifications are also being reviewed and revised. Many minor corrections and much re-phrasing are required to make them acceptable to the Architect of the Capitol. Certain sections also are being revised because of the changes to the program. The Architects are endeavoring to combine the corrections and revisions in their resubmission of the specifications.



B. CHANGES, ALTERATIONS AND REMODELING OF NEW HOUSE OFFICE BUILDING

1. Cafeteria

- (a) Contractor, Irons and Reynolds, Inc.
- (b) Contract is practically complete except record drawings and work on a few change orders.

2. Tunnels

Scheme B has been recommended for the installation of steam connection from South Capitol Street to the Additional House Office Building. Scheme B locates the proposed new steam tunnel atop Tunnel No. 4 - drawings are being completed along these lines.

3. Suite Alterations (Lighting of Committee Rooms)

Work is progressing on studies for lighting of the committee rooms.

4. Lower Floor Activities

Mr. Buckley of the Post Office Department is re-studying the layout of the New House Office Building work room and sub-station following discussions with Post Master Morris.

C. CHANGES, ALTERATIONS AND REMODELING OF THE OLD HOUSE OFFICE BUILDING

1. Garage

- (a) Contractor, Kirk Lindsey, Inc.
- (b) Contract is essentially complete as of June 30, 1959, except for several punch list items.

2. Alteration Design Status

|   |              |
|---|--------------|
| Architectural and Structural              | 55.69%       |
| Plumbing                                  | 7.68%        |
| Heating, Ventilating and Air Conditioning | 6.05%        |
| Electrical                                | <u>6.48%</u> |
|   | 75.90%       |

D. SUBWAYS TO CAPITOL

1. Shelton and Stanford, Associate Architects

Subways Monthly Report

- (a) The Associate Architects report as follows:



"We have not proceeded any further with working drawings or any further with alignment drawings of the Subway Systems since the last month's report.

"We have, however, since a meeting of June 10th and 11th in Washington, been preparing a sketch plan for your consideration showing the possibility of providing escalators, a stairway and a hydraulic elevator from the East House Subway Capitol Terminal up to the Basement Floor of the Capitol Building which would not then require the existing elevators to be extended and would not require quite as much underpinning as the previous scheme where entrance to the House Wing Capitol elevators would be by tunnel on approximately a level grade.

"Mr. Swanke has also been studying the possibility of entering the Capitol Building from a higher grade from the West Capitol Subway Terminal and in the same manner as described for the East by the use of escalators, a hydraulic elevator and stairways. We believe that by this method there will be some savings in cost, mainly attributable to underpinning. The sketches are well along but are not quite ready for review.

"We have not as yet been advised whether or not we are to proceed with the East Subway from the Old and New House Office Buildings to the Capitol as a new subway tunnel, as we have presented and recommended.

"On June 26, 1959, the Architects Office called for an estimate in order that a budget estimate for this work could be set up. We advised that the original estimated cost would not hold, as we have mentioned several times in previous letters, due to certain changes that have been made. The estimated cost which we gave to Mr. Henlock on the phone Friday was in the amount of \$10,500,000.00 not including architectural and engineering fees. This amount, however, does include two new subways with terminals, a passage over to two new elevators to be installed in the West House Wing of the Capitol, and two new elevators to be installed in the East House Wing of the Capitol with the two existing elevators extended.

"The estimate also includes heat and air conditioning for the terminals, the cars, maintenance shops, hydraulic jacks similar to the ones for the Senate Side, and with the terminals and tunnels being finished in a similar manner to the way the Senate Side is being handled.

"The preliminary estimated cost of \$10,500,000.00 mentioned above contemplates work within the Capitol Building to be in accordance with the sketch plans previously submitted so that access to the



July 7, 1959

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Capitol elevators will be by approximately level passage without the use of escalators or hydraulic elevators.

"As soon as these alternate proposed sketches of entering the Capitol Building are ready, we will present these to you; however, after this has been done we will then await further instructions."



ARCHITECT OF THE CAPITOL  
WASHINGTON, D. C.

*File*

May 8, 1959

Honorable Sam Rayburn  
Speaker of the House  
of Representatives  
Washington, D. C.

My dear Mr. Speaker:

I am enclosing a copy of the progress  
report on the Additional House Office Building  
Project as of May 6, 1959.

With best wishes,

Sincerely,

*George*

J. George Stewart  
Architect of the Capitol

May 6, 1959

PROGRESS REPORT  
ADDITIONAL HOUSE OFFICE BUILDING PROJECT

A. ADDITIONAL HOUSE OFFICE BUILDING

1. Relocating Sewer in Square 635 **May 8, 1959**

- (a) Contractor, Gunnell Construction Company, Inc.
- (b) Contract is 100% complete with the exception of submitting record drawings.
- (c) Work performed past month:  
Placing topsoil and seeding.

2. Foundations

**Honorable Sam Rayburn  
Speaker of the House  
of Representatives**

- (a) Contractor, Gunnell Construction Company.
- (b) Contract is 100% complete as of May 1, 1959.
- (c) Work performed past month:

**My dear Mr. Speaker:**

S. W. Quadrant

Driving foundation pile shells.

Excavating for pile caps and foundation mat.

Placing reinforcing steel.

Setting forms.

Project as of **May 6, 1959.**

Pouring various blocks of pile caps and foundation mat.

Installing underdrainage.

**With best wishes,**

N. W. Quadrant

Driving foundation pile shells.

Pouring concrete in pile shells.

Excavating for pile caps and foundation mat.

Setting forms.

Placing reinforcing steel.

Pouring various blocks of pile caps and foundation mat.

Completed #1 load bearing test.

**J. George Stewart  
Architect of the Capitol**

S. E. Quadrant

General excavation.

Driving foundation pile shells.

Pouring concrete in pile shells.

Excavating for pile caps and foundation mat.

Installing foundation underdrainage.

N. E. Quadrant

Demolishing old Tiber Creek brick sewer.

Driving foundation pile shells.

Pouring concrete in pile shells.

Excavating for pile caps and foundation mat.

Setting forms.

Placing reinforcing steel.

Poured a block of pile caps and foundation mat.

Installing foundation underdrainage.



PROGRESS REPORT  
ADDITIONAL HOUSE OFFICE BUILDING PROJECT

A. ADDITIONAL HOUSE OFFICE BUILDING

1. Relocating Sewer in Square 635

- (a) Contractor, Gunnell Construction Company, Inc.
- (b) Contract is 100% complete with the exception of submitting record drawings.
- (c) Work performed past month:  
Placing topsoil and seeding.

2. Foundations

- (a) Contractor, McCloskey and Company.
- (b) Contract is 52% complete as of May 1, 1959.
- (c) Work performed past month:

S. W. Quadrant

Driving foundation pile shells.  
Excavating for pile caps and foundation mat.  
Pouring concrete in pile shells.  
Setting forms.  
Placing reinforcing steel.  
Pouring various blocks of pile caps and foundation mat.  
Installing raker posts.

N. W. Quadrant

Driving foundation pile shells.  
Pouring concrete in pile shells.  
Excavating for pile caps and foundation mat.  
Setting forms.  
Placing reinforcing steel.  
Pouring various blocks of pile caps and foundation mat.  
Completed #4 load bearing test.

S. E. Quadrant

General excavation.  
Driving foundation pile shells.  
Pouring concrete in pile shells.  
Excavating for pile caps and foundation mat.  
Installing foundation underdrainage.

N. E. Quadrant

Demolishing old Tiber Creek brick sewer.  
Driving foundation pile shells.  
Pouring concrete in pile shells.  
Excavating for pile caps and foundation mat.  
Setting forms.  
Placing reinforcing steel.  
Poured a block of pile caps and foundation mat.  
Installing foundation underdrainage.



General

To date a total of 11,517 cu. yds. of concrete has been poured in pile caps and foundation mat in all four quadrants. A total of 4124 foundation pile shells have been driven in all four quadrants of which 2042 pile shells have been filled with concrete.

## 3. Structural Steel

- (a) Contractor, Bethlehem Steel Company.
- (b) Shop drawings are still coming in at a steady rate. Of the approximate estimated total of 3400 shop drawings, 3127 have been submitted to date. Of this number submitted, 2930 have been approved.

Seven change order proposals have been received from the Contractor. These have been returned to the Architect of the Capitol with the comments of the Associate Architects.

## 4. Superstructure

- (a) Harbeson, Hough, Livingston and Larson, Associate Architects.
- (b) All contract drawings are still being given a thorough check by the Associate Architects and the Architect of the Capitol. A section by section check is also underway on the specifications, with about 1/3 of the sections covered to date. Linen reproducibles are still being made as the checking progresses, but certain investigations have necessitated a delay in the rate of this work. One of these concerns the air conditioning exhaust system for all office spaces. While the designed system was developed with the idea that the most efficient and economical system be employed, it has now been decided that this should be modified to provide a system which will offer, as well, ultimate privacy for the occupants. The work of making this revision is currently underway. An investigation is also being made of the electric power and power distribution systems. This affects the transformers, switchgear and the underfloor duct. The former problem concerns power available for future demand. The latter is a study of the flexibility of the underfloor duct system.

Work is continuing on the design of a possible additional Standing Committee Room and related facilities.

The Heating, Ventilating and Air Conditioning drawings were presented May 4, 1959 for final checking. Mechanical specifications are being up-dated and this work is now being reviewed by the Architect of the Capitol. This means all General Contract material has been presented approximately 95% complete.



The design work on the House Call System equipment is just about finished.

The following is the progress of the contract material:

|                                |     |
|--------------------------------|-----|
| Architectural - Drawings       | 97% |
| Garage Specifications          | 97% |
| (a) Structural - Drawings      | 98% |
| (b) Specifications             | 97% |
| (c) Work performed past month: |     |
| Mechanical - Drawings          | 95% |
| Specifications                 | 97% |
| Electrical - Drawings          | 97% |
| Specifications                 | 93% |
| Cost Estimate                  | 90% |

## B. CHANGES, ALTERATIONS AND REMODELING OF NEW HOUSE OFFICE BUILDING

### 1. Cafeteria

- (a) Contractor, Irons and Reynolds, Inc.
- (b) Contract is practically complete except record drawings and work on a few change orders.
- (c) Work performed past month:
  - Furnishing and installing certain additional items of equipment.
  - Checking of kitchen and mechanical equipment now in full operation to eliminate mechanical troubles and minor defects as they develop.

### 2. Tunnels

The architectural drawings have been corrected to show the revised dimensions on the angle of the center line of Tunnel 3. The structural drawings will be corrected to conform with these revisions.

### 3. Suite Alterations

The corrections of the lighting in the Standing Committee Rooms will be done this fall, and tangible proposals are now ready for submission to the Architect of the Capitol for review.

### 4. Lower Floor Activities

Plans are being prepared for consideration by the Commission, providing (1) for relocation of the Post Office from the old



Building to space formerly occupied by the cafeteria in the new Building and (2) for proper utilization of the space in the old Building now occupied by Post Office facilities.

C. CHANGES, ALTERATIONS AND REMODELING OF THE OLD HOUSE OFFICE BUILDING

1. Garage

- (a) Contractor, Kirk Lindsey, Inc.
- (b) Contract is 96% complete as of April 30, 1959.
- (c) Work performed past month:
  - Forming, placing reinforcement, stripping and finishing for the last curbs and islands on "B" Level and two small sections on "A" Level.
  - Poured concrete and finished last section of "B" Level slab on fill.
  - Poured concrete fill on steel treads and platforms and placed cement finish on same.
  - Poured concrete for roof steppingstones and started placing same.
  - Poured last section of areaway slab and curbs including reinforcing, finishing and expansion joints.
  - Pouring of caulking compound on expansion joints of areaway slabs started.
  - Graded, poured concrete base and relaid the asphalt block around east and west driveway drains. Grouting still to be done.
  - Backfilling and grading under last section of areaway slab. Ventilation is substantially complete on all levels except "B" and north and south Fan Houses.
  - Machinery for heating and ventilation in place and substantially complete and ready for operation.
  - Water, sewer and storm drain lines substantially complete and tested.
  - Steam lines to heating units substantially completed and tested.
  - Insulation of hot water and steam lines started.
  - Sprinkler lines are substantially complete included a revision in location of a part of same.
  - Electrical work - working on final hook-up to machinery, completion of distribution panels, switch mountings, control and alarm systems and other electrical apparatus in the two Fan Houses.
  - Erection of iron and steel stairs on Stairways #5 and #6.
  - All work substantially complete.
  - Guard rails, fire doors, overhead doors, etc., are now substantially complete.
  - Masonry work, brick, cinder block was completed on roof level, "A", "C", "D", "E" Levels and passageways. Walls of duct enclosures started on "B" Level and walls of access passage between building started.



Roofing, roofing insulation and sheet metal work was performed on main roof and on roof of penthouses, passageways and canopy over access passage. Precast stone wall copings, etc., are set but not caulked except for short distance on northwest wall and passageway parapets.

Hollow metal doors including hardware substantially complete.

Painting of doors, rails and stairs started.

Plastering including furring and lath of walls and ceilings of passageways started and substantially completed.

2. Alteration Design Status

|   |        |
|---|--------|
| Architectural and Structural              | 53.24% |
| Plumbing                                  | 7.55%  |
| Heating, Ventilating and Air Conditioning | 6.05%  |
| Electrical                                | 6.37%  |
|   | <hr/>  |
|   | 73.21% |

D. SUBWAYS TO CAPITOL

1. Shelton and Stanford, Associate Architects

West Subway

- (a) Alignment studies are 75% complete.
- (b) Working on preliminary estimate.



ARCHITECT OF THE CAPITOL  
WASHINGTON, D. C.

D.B.

May 5, 1959

Honorable Sam Rayburn  
Speaker of the House  
of Representatives  
Washington, D. C.

My dear Mr. Speaker:

I am enclosing a copy of the progress  
report on the Additional House Office Building  
Project as of April 6, 1959.

Kindest personal regards,

Sincerely,

*George.*

J. George Stewart  
Architect of the Capitol



April 6, 1959

PROGRESS REPORT  
ADDITIONAL HOUSE OFFICE BUILDING PROJECT

A. ADDITIONAL HOUSE OFFICE BUILDING

1. Relocating Sewer in Square 635

May 5, 1959

- (a) Contractor, Gunnell Construction Company, Inc.
- (b) Contract is 99.9% complete as of March 31, 1959.
- (c) Work performed past month:
  - Completed backfilling the old sewer under Independence Avenue and erected bulkhead at the south end.
  - Set anchor bolts.
  - Finished sections of curb stone on the Capitol Grounds.

2. Foundation  
**Honorable Sam Rayburn  
Speaker of the House  
of Representatives**

- (a) Contractor, **Washington, D. C.** and Company.
- (b) Contract is 48% complete as of March 31, 1959.
- (c) Work performed past month:

**I am enclosing a copy of the progress  
report on the Additional House Office Building  
Project as of April 6, 1959.**

Driving foundation pile shells.  
Pouring concrete in pile shells.  
Setting forms.  
Placing reinforcing steel.  
Pouring various sections of foundation mat.  
Installing permanent rakers.

**Sincerely,**

N. W. Quadrant

General excavation.  
Driving foundation pile shells.  
Pouring concrete in pile shells.  
Excavating for pile caps and foundation mat.  
Setting forms. **J. George Stewart,  
Architect of the Capitol**  
Placing reinforcing steel.  
Poured block of pile caps and foundation mat.

S. E. Quadrant

General excavation.  
Excavating for pile caps and foundation mat.  
Driving foundation pile shells.  
Setting forms.  
Placing reinforcing steel.  
Poured block of pile caps and foundation mat.

April 6, 1959

PROGRESS REPORT  
ADDITIONAL HOUSE OFFICE BUILDING PROJECT

A. ADDITIONAL HOUSE OFFICE BUILDING

1. Relocating Sewer in Square 635

- (a) Contractor, Gunnell Construction Company, Inc.
- (b) Contract is 99.9% complete as of March 31, 1959.
- (c) Work performed past month:
  - Completed backfilling the old sewer under Independence Avenue and erected bulkhead at the south end.
  - Set anchor bolts.
  - Patched sections of curb stone on the Capitol Grounds.

2. Foundations

- (a) Contractor, McCloskey and Company.
- (b) Contract is 48% complete as of March 31, 1959.
- (c) Work performed past month:

S. W. Quadrant

Driving foundation pile shells.  
Excavating for pile caps and foundation mat.  
Pouring concrete in pile shells.  
Setting forms.  
Placing reinforcing steel.  
Pouring various blocks of pile caps and foundation mat.  
Installing permanent rakers.

N. W. Quadrant

General excavation.  
Driving foundation pile shells.  
Pouring concrete in pile shells.  
Excavating for pile caps and foundation mat.  
Setting forms.  
Placing reinforcing steel.  
Poured block of pile caps and foundation mat.

S. E. Quadrant

General excavation.  
Excavating for pile caps and foundation mat.  
Driving foundation pile shells.  
Setting forms.  
Placing reinforcing steel.  
Poured block of pile caps and foundation mat.



N. E. Quadrant

Reshaped east bank of excavation.  
Installed temporary raker system to support the South Capitol Street bracing and shoring.  
Completed uplift pile test No. 2.  
Installing foundation underdrainage.  
General excavation.  
Demolishing old existing brick sewer.  
Driving foundation pile shells.  
Excavating for pile caps and foundation mat.

General

To date a total of 7711 cu. yds. of concrete has been poured in pile caps and foundation mat in the S.W., N.W., and S.E. Quadrants. Also to date a total of 3461 foundation pile shells have been driven in all four quadrants of which 1322 pile shells have been filled with concrete.

## 3. Structural Steel

- (a) Contractor, Bethlehem Steel Company.
- (b) Shop drawings are continuing to come in from the Bethlehem Steel Company at the same rate as in the past two months. The estimated number of shop drawings which will be required has been raised to 3400. Of this number approximately 67% or 2323 have been processed. 2126 have been approved and will not require any further resubmission.

Another list of changes has been submitted to the Architect of the Capitol by the Associate Architects involving costs and credits, and some having no affect on the cost. Proposals covering previous change lists have been presented by the Contractor to the Architect of the Capitol for consideration at this time and these are currently being checked by the Associate Architects.

## 4. Superstructure

- (a) Harbeson, Hough, Livingston and Larson, Associate Architects.
- (b) All general contract material is currently being checked by the office of the Architect of the Capitol. Meetings have been held for special discussions pertaining to the garage, the superstructure, and the mechanical and electrical work. As the checking progresses, comments are being forwarded to the Associate Architects, who in turn submit explanations, clarified details, or correct errors made on the drawings. After a drawing has been through this initial checking phase, it is made into a reproducible on linen in final preparation for submission to the Architect of the Capitol. This process is being followed for each of the 322 contract drawings.



As soon as the Heating, Ventilating and Air Conditioning drawings are 95% completed, a final submission of these will be presented and a complete check of this work will be able to proceed.

Design work on the proposed special House Call System equipment is being worked out by the Architects with consultations with I.B.M. The sound reinforcement system design work has been completed.

The following is the progress toward the completion of the General Contract Drawings and Specifications:

|                          |       |
|--------------------------|-------|
| Architectural - Drawings | 97%   |
| Specifications           | 97%   |
| Structural - Drawings    | 97%   |
| Specifications           | 97%   |
| Mechanical - Drawings    | 93.2% |
| Specifications           | 97%   |
| Electrical - Drawings    | 97%   |
| Specifications           | 92%   |
| Cost Estimate            | 90%   |

5. Square 637

- (a) Contractor, Washington Contractors, Inc.
- (b) Contract is 100% complete as of March 24, 1959.
- (c) Work performed past month:
  - Rough grading.
  - Placing bank run gravel surface course and fine grading.
  - Installed wood bumpers, stops with handrail, fences and guard house.

B. CHANGES, ALTERATIONS AND REMODELING OF NEW HOUSE OFFICE BUILDING

1. Cafeteria

- (a) Contractor, Irons and Reynolds, Inc.
- (b) Contract is virtually 100% complete as of March 31, 1959.
- (c) Work performed last month:
  - Furnishing and installing certain additional items such as antique mirror glass for windows and doors, east side of Cafeteria.
  - Checking of kitchen and mechanical equipment now in full operation to eliminate mechanical troubles as they develop.



## 2. Tunnels

Poor and Swanke are awaiting prints of the drawings showing the layout of the Additional House Office Building end of the tunnels for final checking and coordinating.

## 3. Suite Alterations

The Committee Room lighting survey is being studied for recommendations.

## 4. Lower Floor Activities

The Post Office Department has not submitted its suggestions for the space layout for the new work rooms in the area released by the old cafeteria. A portion of this area has been taken over by the Committee on Science and Astronautics with the understanding that it will be released in time for alterations to be started at the end of this session of Congress.

## C. CHANGES, ALTERATIONS AND REMODELING OF THE OLD HOUSE OFFICE BUILDING

## 1. Garage

- (a) Contractor, Kirk Lindsey, Inc.
- (b) Contract is 93% complete as of March 31, 1959
- (c) Work performed last month:

Concrete Work

Forming, placing reinforcing, stripping and finishing for all curbs on roof level, all curbs, dividing strips and traffic islands on "A" level, completion of same on "C" level, "B" level.

Poured concrete and finished slabs on fill "B" level.

Poured concrete fill on steel treads and platforms.

Poured structural concrete stairs and platforms and placed cement finish on same.

Poured concrete for roof stepping stones.

Formed, placed reinforcement, poured and stripped miscellaneous walls and slabs in sand trap, under stairways, floor and roof slabs from old to new building, etc.

Pouring areaway slabs.

Graded, poured, finished slabs on ground, 3 lanes of access work to building.

Backfilling and grading.

Ventilation is substantially complete on all levels but "B".

Machinery for heating and ventilation being assembled and erected.



Water, sewer and storm drain lines substantially complete and tested.

Sprinkler lines are substantially complete and tested.

Electrical work is being performed on final hook-up to machinery, relamping and completion of distribution panels, switch mountings and other electrical apparatus in the penthouses.

Erection of iron and steel stairs substantially complete. Guard rails, fire doors, overhead doors, etc., are being worked on.

Roofing and sheet metal were started this month.

Brick, cinder block and concrete block walls were started and completed for northwest passage.

Brick enclosure walls of penthouses being worked on.

Stone work has been started on the north penthouse.

Precast stone wall copings are being set.

2. Alteration Design Status

|   |        |
|---|--------|
| Architectural and Structural              | 53.24% |
| Plumbing                                  | 7.55%  |
| Heating, Ventilating and Air Conditioning | 6.05%  |
| Electrical                                | 6.37%  |

73.21%

D. SUBWAYS TO CAPITOL

1. Shelton and Stanford, Associate Architects

West Subway

(a) Alignment studies are 75% complete.

(b) Working on preliminary estimate.

History at the University of



FINANCIAL STATEMENT

ADDITIONAL HOUSE OFFICE BUILDING PROJECT

As of April 1, 1959

Total appropriated, to date .....\$ 45,000,000

| <u>Obligations and Expenditures, to date</u>   | <u>Expended</u> | <u>Outstanding Obligations</u> | <u>Total</u> |
|--|-----------------|--------------------------------|--------------|
| Acquisition of property, protection & demolition of structures, grading and misc. incidental expenses..... | \$ 8,005,748    | \$ 51,780                      | \$ 8,057,528 |
| Arch. & Eng. Fees for Additional House Office Building.....  | 1,843,183       | 1,676,817                      | 3,520,000    |
| Construction of new sewer in Square 635.....   | 1,243,096       | 134,997                        | 1,378,093    |
| Excavation, Excavation Bracing, foundation piles and pile caps for additional House Office Building.....   | 2,315,054       | 4,553,666                      | 6,868,720    |
| Furnishing and Erection of Structural steel for Additional House Office Building.....                      | ---             | 6,907,500                      | 6,907,500    |
| Superstructure and Equipment for Additional House Office Building....                                      | ---             | ---                            | ---          |
| Arch. & Eng. Fees for Remodeling Old House Office Building.....  | 437,341         | 348,909                        | 786,250      |
| Construction & Equipment of Garage in courtyard, Old House Off. Bldg...                                    | 998,477         | 227,670                        | 1,226,147    |
| Arch. & Eng. Fees for Remodeling New House Office Building.....  | 321,102         | 560,773                        | 881,875      |
| Construction & Equipment of Cafeteria in courtyard, New House Off. Bldg...                                 | 815,355         | 79,265                         | 894,620      |
| Arch. & Eng. Fees for Security Vaults and other underground structures....                                 | ---             | 137,500                        | 137,500      |
| Eng. Fees for Subway and Subway Transportation systems.....  | ---             | 137,500                        | 137,500      |
| Remodeling, Old and New House Office Buildings.....  | 58,377          | ---                            | 58,377       |
| Landscape Architectural Services.....  | 13,500          | 164,500                        | 178,000      |
| Administration, Test Borings, Soils Analyses, Miscellaneous and Contingencies.....                         | 596,117         | 43,360                         | 639,477      |

Totals..... \$16,647,350 \$15,024,237 \$31,671,587

Available Balance - April 1, 1959..... \$ 31,671,587  
\$ 13,328,413

ARCHITECT OF THE CAPITOL  
WASHINGTON, D. C.

*File*

September 3, 1959

Honorable Sam Rayburn, Chairman  
House Office Building Commission  
House of Representatives  
Washington, D.C.

My dear Mr. Chairman:

I am enclosing a copy of the progress report  
on the Additional House Office Building Project as  
of September 3, 1959.

Sincerely yours,

*George*

J. George Stewart  
Architect of the Capitol



September 3, 1959

PROGRESS REPORT  
ADDITIONAL HOUSE OFFICE BUILDING PROJECT

A. ADDITIONAL HOUSE OFFICE BUILDING

1. Relocating Sewer in Square 635

- (a). Contractor, Gannall Construction Co., Inc. **September 3, 1959**.
- (b). Contract is 100% complete with the exception of submitting record drawings.

2. Foundations

- (a) **Honorable Sam Rayburn, Chairman**
  - (b) **House Office Building Commission**
  - (c) **House of Representatives**
  - (d) **Washington, D.C.**
- as of September 2, 1959.  
last month:-

**My dear Mr. Chairman:**

Completed installing lateral lacing in the foundation bracing  
**I am enclosing a copy of the progress report**  
Started work on the temporary access ramp from 1st. Street  
**on the Additional House Office Building Project as**  
All piles are driven and concreted, and the entire foundation  
**of September 3, 1959.** the S. W. Quadrant.  
Started general clean-up.

**Sincerely yours,**

W. W. Quadrant

Driving foundation pile shells.

Pouring concrete in pile shells.

Excavating for pile caps **J. George Stewart** Architect.

Setting forms.

**Architect of the Capitol**

Placing reinforcing steel.

Pouring various blocks of pile caps and foundation mat.

Installing raker knee posts, walers, rakers, lateral lacing  
and lagging in the foundation bracing system.

Forming and placing reinforcing steel in the special piers  
and anchor frames at the main entrance to the building on  
Independence Avenue.

All foundation piles are now driven and concreted in the W. W.  
Quadrant.

S. E. Quadrant

Driving foundation pile shells.

Pouring concrete in pile shells.

Excavating for pile caps and foundation mat.

Setting forms.

Installing foundation under drainage.

Placing reinforcing steel.

Pouring various blocks of pile caps and foundation mat.

September 3, 1959

PROGRESS REPORT  
ADDITIONAL HOUSE OFFICE BUILDING PROJECT

A. ADDITIONAL HOUSE OFFICE BUILDING

1. Relocating Sewer in Square 635

- (a). Contractor, Gunnell Construction Company, Inc.
- (b). Contract is 100% complete with the exception of submitting record drawings.

2. Foundations

- (a). Contractor, McCloskey and Company
- (b). Contract is 66% complete as of September 2, 1959.
- (c). Work performed last month:-

S. W. Quadrant

Completed installing lateral lacing in the foundation bracing system.

Started work on the temporary access ramp from 1st. Street into the West Half.

All piles are driven and concreted, and the entire foundation mat is poured in the S. W. Quadrant.

Started general clean-up.

N. W. Quadrant

Driving foundation pile shells.

Pouring concrete in pile shells.

Excavating for pile caps and foundation mat.

Setting forms.

Placing reinforcing steel.

Pouring various blocks of pile caps and foundation mat.

Installing raker knee posts, walers, rakers, lateral lacing and lagging in the foundation bracing system.

Forming and placing reinforcing steel in the special piers and anchor frames at the main entrance to the building on Independence Avenue.

All foundation piles are now driven and concreted in the N. W. Quadrant.

S. E. Quadrant

Driving foundation pile shells.

Pouring concrete in pile shells.

Excavating for pile caps and foundation mat.

Setting forms.

Installing foundation under drainage.

Placing reinforcing steel.

Pouring various blocks of pile caps and foundation mat.



S. E. Quadrant (cont'd)

Installing raker knee posts, walers, anchor posts, rakers, lateral lacing and lagging in the foundation bracing system.

General excavation.

N. E. Quadrant

Driving foundation pile shells.

Pouring concrete in pile shells.

Excavating for pile caps and foundation mat.

Setting forms.

Installing foundation under drainage.

Placing reinforcing steel.

Pouring various blocks of pile caps and foundation mat.

Demolishing old Tiber Creek sewer.

Installing walers in the foundation bracing system.

General excavation.

The following work was completed in the second section of foundation lug #5:-

Excavation

Driving lug steel sheet piling

General

To date a total of 35,639 cu. yds. of concrete has been poured in pile caps, foundation mat and foundation lug in all four Quadrants. 6,101 foundation pile shells have been driven in all four quadrants of which 5,210 pile shells have been filled with concrete. All pile shells have been driven and concreted in the West Half of the foundation.

### 3. Structural Steel

- (a). Contractor, Bethlehem Steel Company.
- (b). Second notice to proceed was issued to Bethlehem Steel Company to be effective September 1, 1959.

### 4. Superstructure

- (a). Harbeson, Hough, Livingston and Larson, Associate Architects.
- (b). The only serious revision this past month affecting structure has been in the conversion of the space for the Moving Walkways which also requires that the pit and runway structure be replaced with a removable slab. This change, nevertheless, has had no effect on this contract.

To the best of their knowledge no specific work is being performed by the Contractor because of the steel strike which is still in progress.



(b) Superstructure (cont'd)

The progress of the checking and reviewing of the contract material is now beginning to become apparent. While some revisions have not been fully developed to date it is still felt that all drawing can be completed and the necessary reproducibles made by October 1st. All necessary decisions required as a result of these revisions have been made and all work is proceeding. Because of material changes, as well as deletions, and space use changes, many revisions have affected the finish schedules and specifications. The specifications are, nevertheless, progressing with a marked improvement in their status this past month. If this progress continues at the same pace this coming month, the specifications will also be ready October 1st.

The principal revisions currently being developed (in addition to normal changes resulting from checking and reviewing) are:

1. TV Studio relocation and expansion.
2. The electric wiring system for the building.
3. Polygonal wall construction changes.
4. Conversion of Moving Walkway spaces to temporary storage facilities, including changing structure and corridor floor finishes.
5. Development of Tunnel No. 4 and the Steam Tunnel.
6. Completion of essential provisions for a possible future cafeteria on the Basement Floor.

## B. CHANGES, ALTERATIONS AND REMODELING OF NEW HOUSE OFFICE BUILDING

### 1. Cafeteria

- (a). Contractor, Irons and Reynolds, Inc.
- (b). Contract is complete except completion of one change order and record drawings.

### 2. Tunnels

At a meeting on 21 August, it was decided that the enlargement of the Steam Tunnel at South Capitol Street (being planned by Guy B. Panero) would precede the construction of Tunnels Nos. 3 and 4. We are to furnish elevations of top of slab of Tunnel No. 4 as it crosses under the proposed Steam Tunnel. We are rechecking our drawings with elevations of curbs and sidewalks which have recently been furnished by the Architect of the Capitol. The "break in contract" could now be extended to the original break, some 20' east of the AHOB wall line - this to be determined later.

### 3. Suite Alterations (Lighting of Committee Rooms)

Studies on proper lighting of the Committee Rooms are still being worked on.



4. Lower Floor Activities

Development of 1/4" scale plans for the Post Office, Take-Out Bar, Charwomen's facilities and Plumbing Shop is under way. These are to be resubmitted for final approval.

C. CHANGES, ALTERATIONS AND REMODELING OF THE OLD HOUSE OFFICE BUILDING

1. Garage

- (a). Contractor, Kirk Lindsey, Inc.
- (b). Work is complete except a few punch list items which are being worked on.

2. Alteration Design Status

|   |               |
|---|---------------|
| Architectural and Structural              | 55.69%        |
| Plumbing                                  | 7.68%         |
| Heating, Ventilating and Air Conditioning | 6.05%         |
| Electrical                                | 6.48%         |
|   | <u>75.90%</u> |

D. SUBWAYS TO CAPITOL

1. Shelton and Stanford, Associate Architects

- (a). The Associate Architects report as follows:

"We have not proceeded any further with the working drawings on the Additional House Office Building Subway, as we have been waiting for our associates' alternate study proposing the possibility of the use of escalators, a hydraulic lift and stairways within the Capitol Building in lieu of a level passage from the Capitol Terminal over to the new West House Capitol elevators.

"The sketch plans have been completed, so we understand from Mr. Via, however, we have not received prints as yet, we did, however, on the 25th receive an estimate of cost on the alternate by telephone and this was confirmed by a letter from Mr. Via on August 26, which we received on the 28th.

"We are now in process of comparing the two estimates so that we may properly submit this to you for consideration and also the sketch plans.

"It appears that the alternate will run for work within the

Capitol Building, approximately \$1,053,000.00 if single lift escalators are used. If double lift escalators are used, then \$50,000.00 should be added to the above cost.

"This above mentioned cost also does not include some \$200,000.00 that should be included for underpinning the terrace wall."