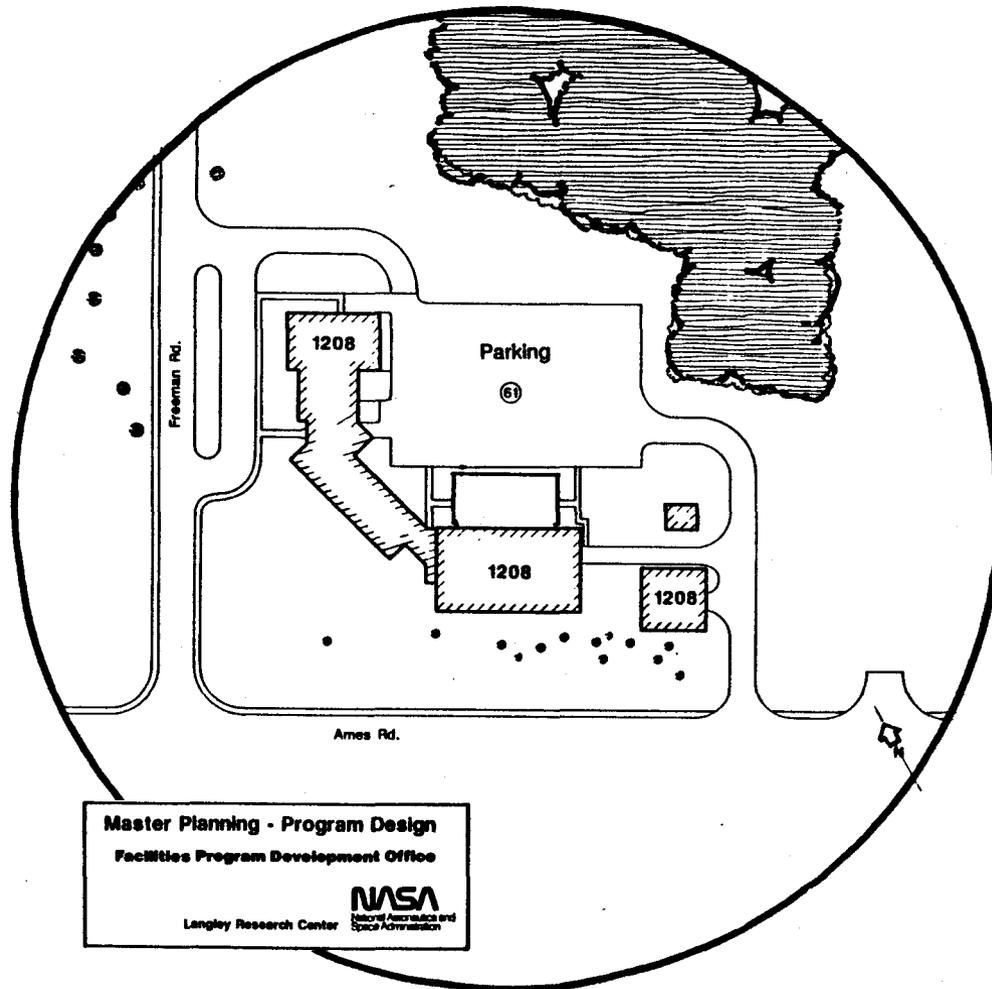


**Program Design Brochure**

**APPLIED  
ACOUSTICS  
BRANCH  
ADDITION,  
B-1208**



**Proposed Minor CoF  
New Construction Project  
May 1988**

**FPDO: JLM 7-14-88**

**NASA**  
National Aeronautics and  
Space Administration  
Langley Research Center

5-13-88

Facilities Program Development Office

TO: 462/L. Clark

SUBJECT: Minor Construction New Addition for  
Applied Acoustics Branch, Bldg. 1208

This Program Design Brochure is provided in support  
of your response to the current CoF call. It may  
be useful in illustrating the nature and scope of  
your requirement to your management.

The schematic will undergo possible refinement  
prior to entering the formal design process.  
Accordingly, please advise this office of any  
redirection required.

cc:  
446/Hamlet  
112/Wingate  
436/Feldhausen  
435/Rountree  
460/Chestnutt

  
John L. Moring, Jr., P.A.  
Master Planner

Mail Stop 446

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**Cover**

**Transmittal Memo**

**Site Plan**

**Architectural Description**

**Building First Floor Plan**

**Building Future Second Floor Plan**

**New Addition Floor Plan**

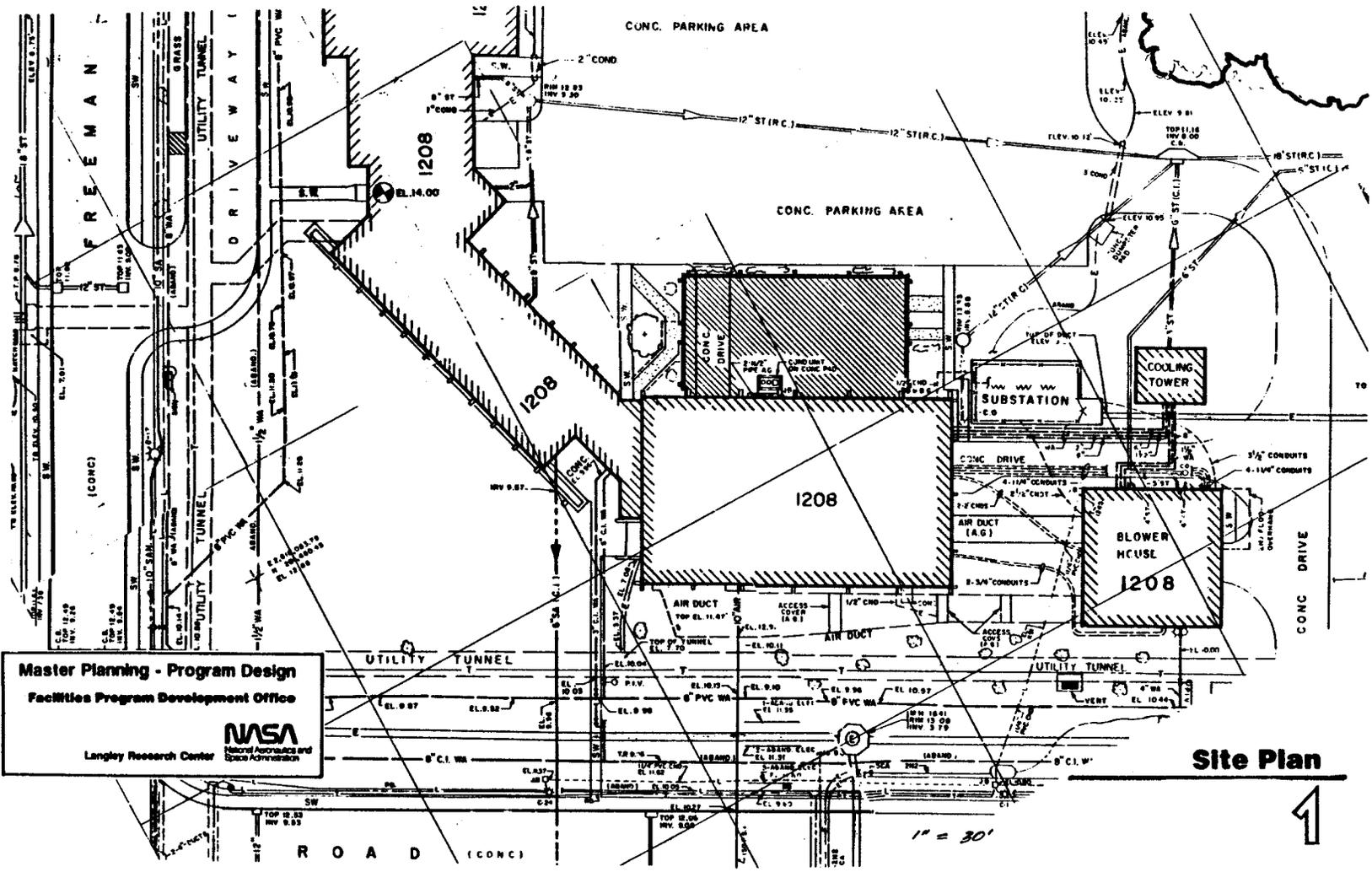
**North Elevation**

**Cross Section and**

**West End Elevation**

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FPDO: JLM 7-14-88



**Master Planning - Program Design**  
**Facilities Program Development Office**  
  
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**Site Plan**  


1" = 30'

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## Architectural Description

The addition houses approximately twenty (20) persons of the Applied Acoustics Branch in areas as scheduled below, and is located against the Northeast side of the Applications portion of Bldg. 1208. The 44'x86' one-story addition is to be constructed to receive one or two additional floors in the future, and is of permanent construction matching the existing "white" brick, exposed concrete, and bronze-colored trim of B-1208. Sidewalks at either end connect to existing sidewalks and a cover structure is proposed to connect the Addition Entrance to the B-1208 entrance at Lobby 122. (Any future floor(s) may be similarly connected with enclosed corridors to Lobby 208 and Lobby 300A, thus using the existing stairs serving these lobbies.)

The main entrance air lock, the conference space, and the mechanical-electrical rooms are of masonry block. The remaining areas are formed by a demountable floor-to-ceiling partition

system between uninterrupted carpet and the suspended acoustic tile ceiling to provide maximum flexibility in rearrangement or conversion.

The existing exterior pilasters enable a generous chase for enclosing vertical utilities/ductwork. Existing plumbing fixtures are sufficient to accommodate the combined population.

Special features include:

- exterior walls with solid masonry block back-up,
- solid masonry block walls to the roof deck and sound-proof doors for the conference area,
- interior doors to have pushbutton locks,
- exterior doors to have rotary combination locks,
- filtered telephone lines,
- motion detector alarms for the hallway and conference room,
- concrete roof deck (future second floor).

| SPACE                              | APPROXIMATE DIMENSIONS | APPROXIMATE AREA (SQ) |
|------------------------------------|------------------------|-----------------------|
| BRANCH HEAD                        | 10' x 16'              | 160                   |
| ASST BR HEAD                       | 10' x 16'              | 160                   |
| SECRETARY, BRANCH FILES, AND STOCK | 10' x 19'              | 190                   |
| CONFERENCE                         | 19' x 18'              | 342                   |
| DATA EQUIPMT.                      | 15.5' x 19'            | 294                   |
| ONE PERSON WORK AREAS              |                        |                       |
| 1 @ 11.33' x 8'                    |                        | 91                    |
| 1 @ 14.0' x 9.5'                   |                        | 133                   |
| 3 @ 10' x 9.5'                     | @ 114 EA. =            | 342                   |
| TWO PERSON WORK AREAS              |                        |                       |
| 5 @ 10' x 19'                      | @ 190 EA. =            | 950                   |
| 1 @ 15.33' x 11'                   | PLUS 30 =              | 200                   |
| SUB TOTAL                          |                        | 2862                  |
| CIRCULATION, MECH, AND STRUCTURE   |                        | 922                   |
| GROSS TOTAL                        | 86' x 44'              | 3784 SQ.              |

Master Planning - Program Design

Facilities Program Development Office

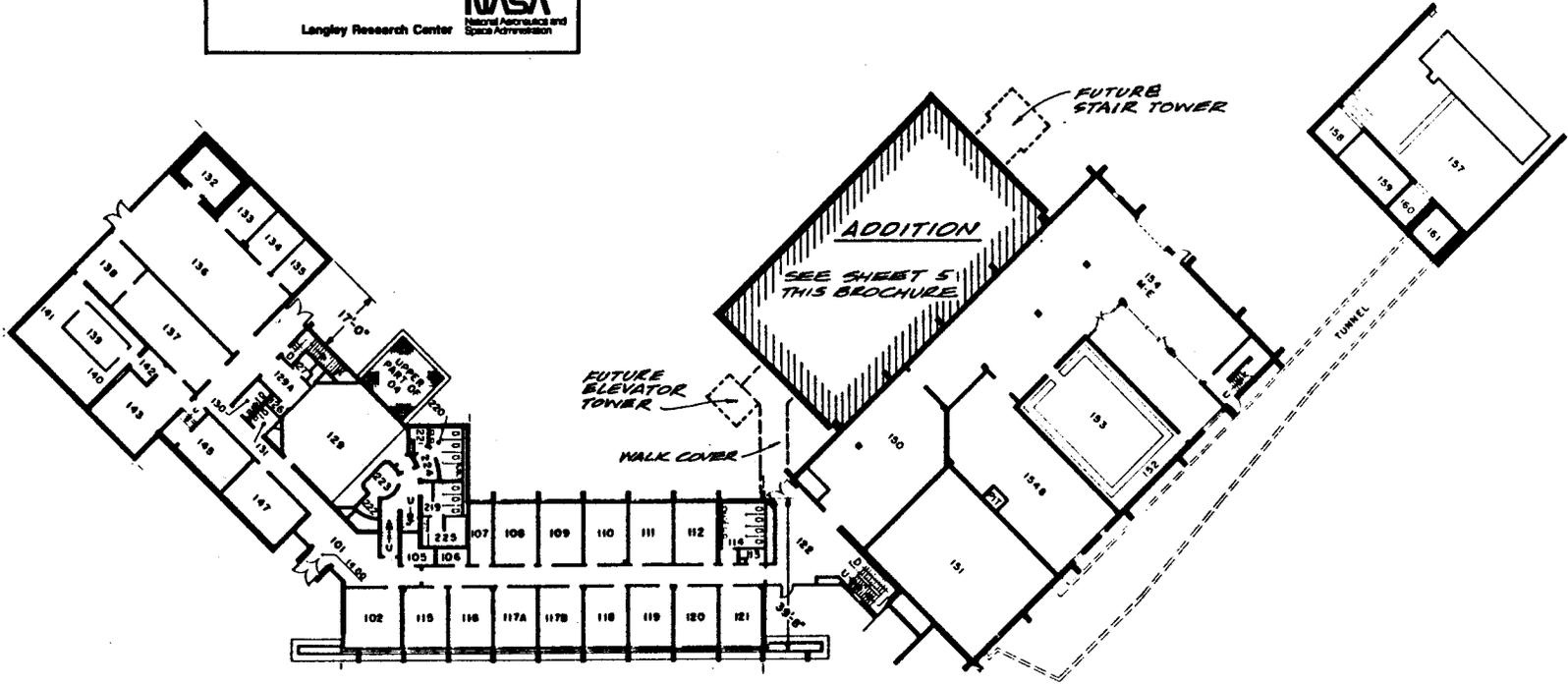
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NO SCALE

Building First Floor Plan

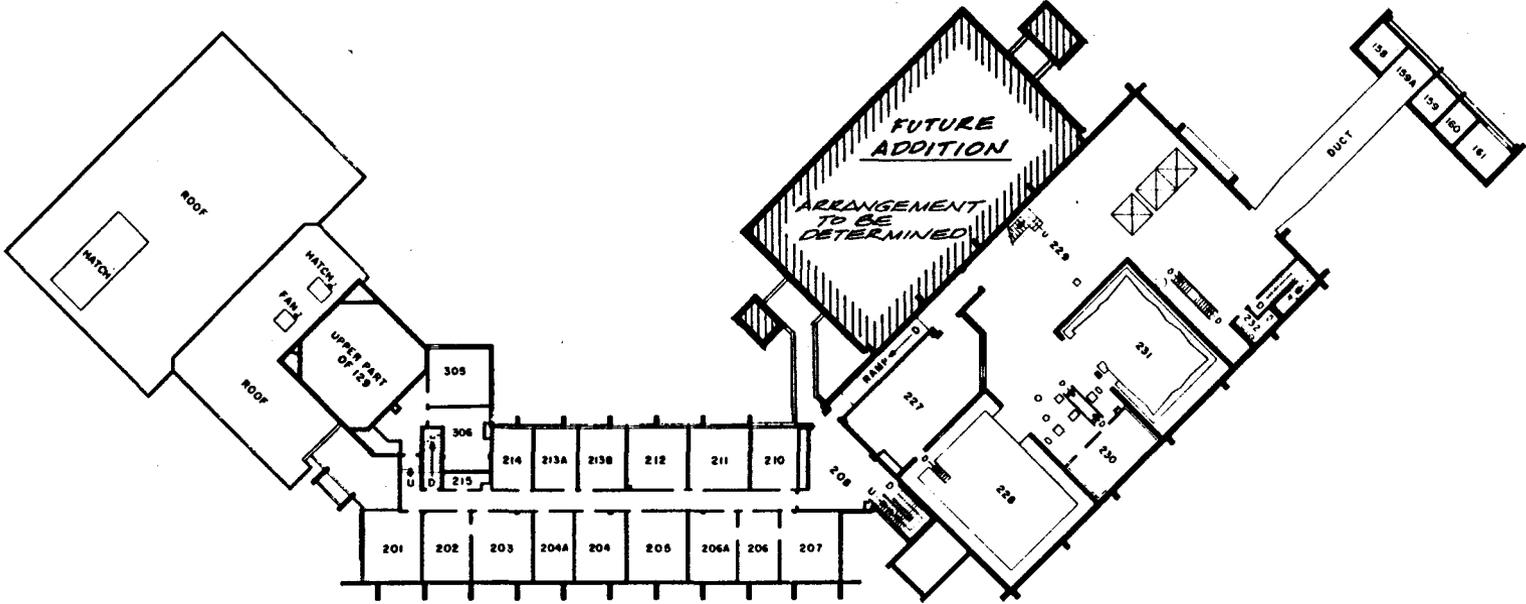
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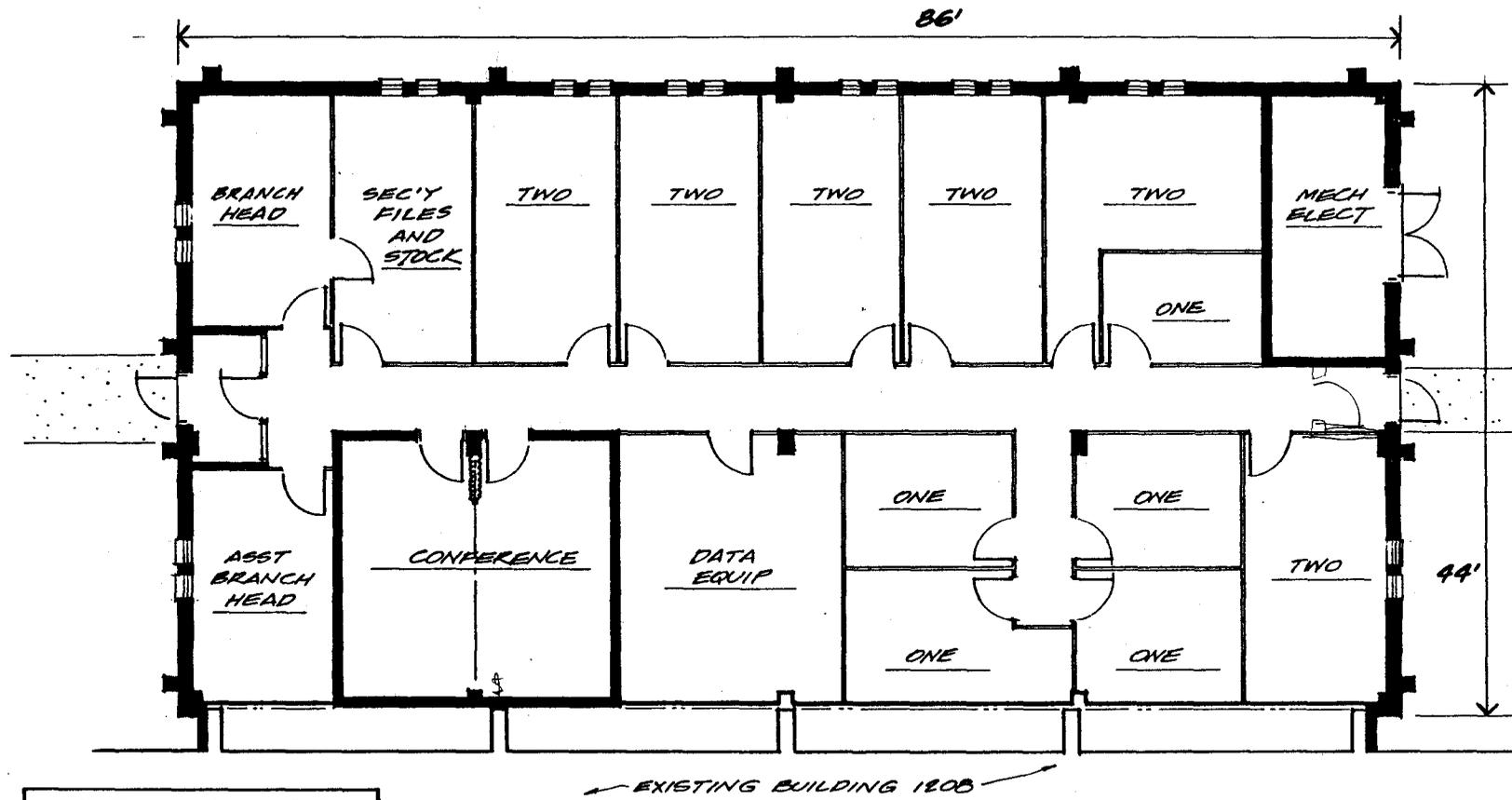
NO SCALE

**Building Future Second Floor Plan**

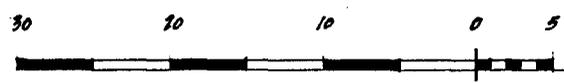
4

THIRD FLOOR SIMILAR

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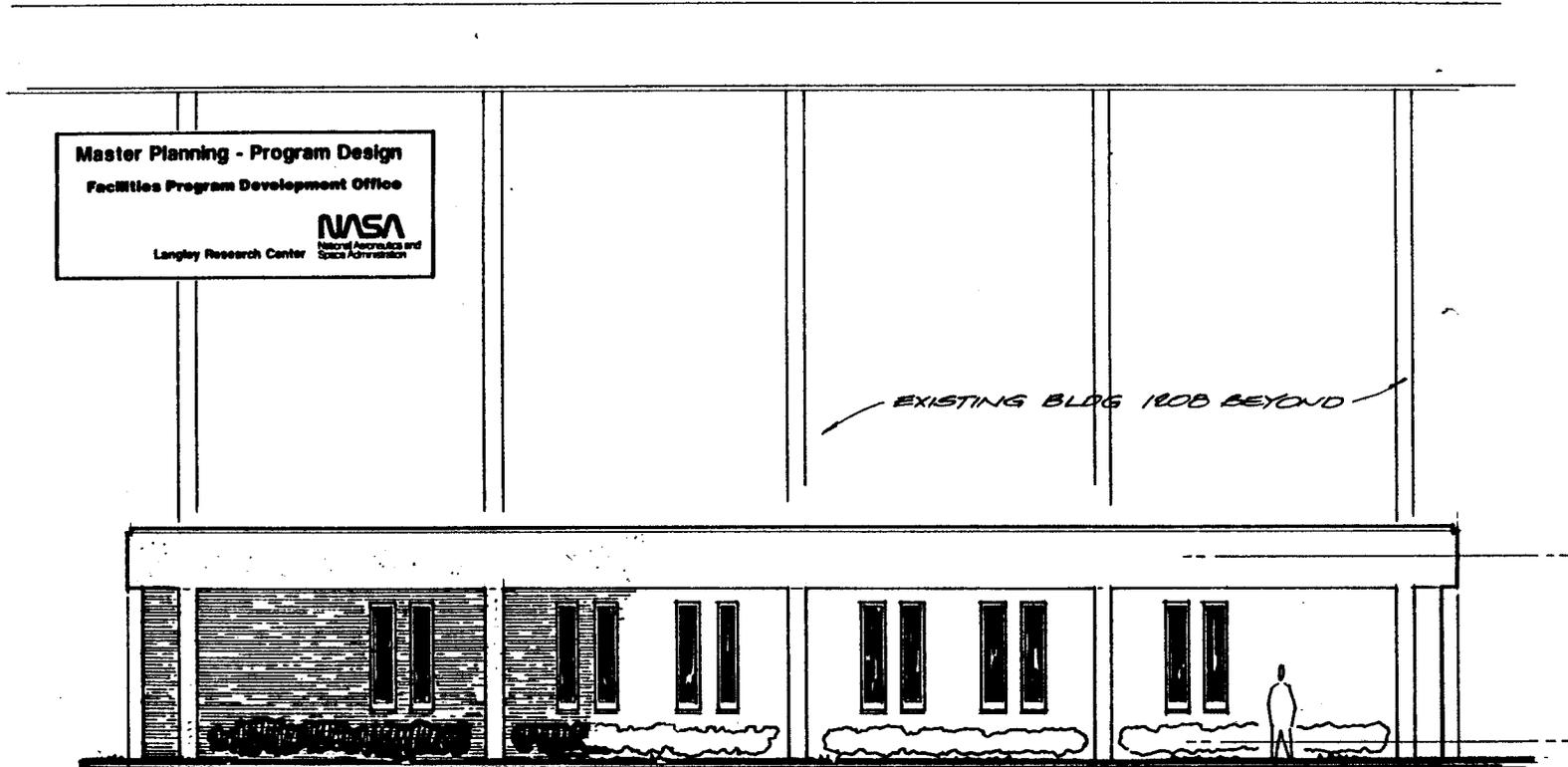


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**New Addition Floor Plan**

**5**



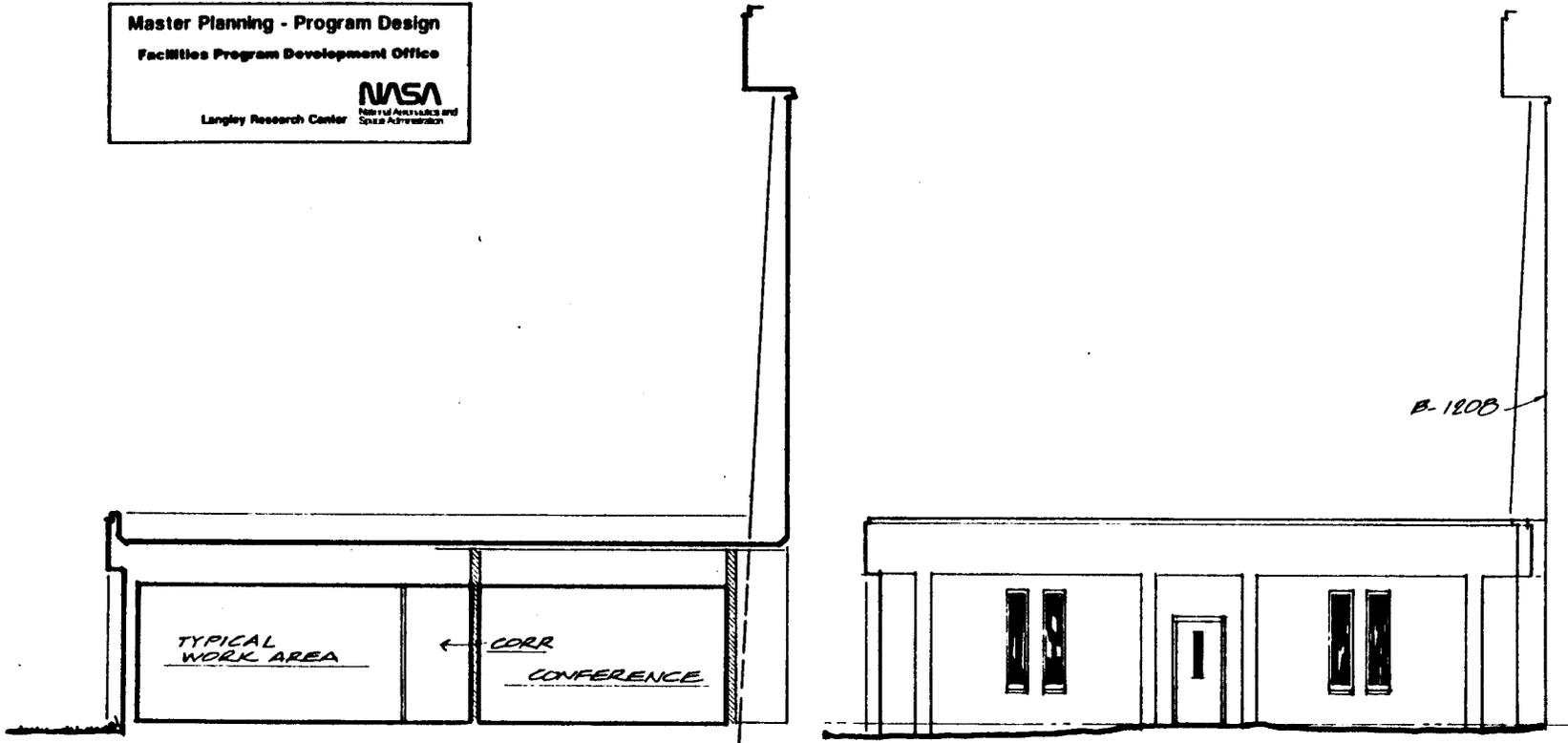
SCALE: 1/8" = 1'-0"

North Elevation

6

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Facilities Program Development Office  
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Cross Section and  
West End Elevation

SCALE: 1/8"=1'-0"

7

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