

NOT FOR CONSTRUCTION

911 Central Parkway N., Suite 425 San Antonio, TX 78323  
501 North Broadway, St. Louis, Missouri 63102-2121

Revision: \_\_\_\_\_  
Date: \_\_\_\_\_ By: \_\_\_\_\_ Description: \_\_\_\_\_

AIR FORCE CENTER FOR ENGINEERING AND THE ENVIRONMENT (AFCEE)  
FACILITIES DYNAMIC PROTOTYPES DESIGN FOR DORMITORIES

Scales: 1/4" = 1'-0"

Jacobs Project No.: FDWD1301

Drawing Title:

CONCRETE PLANS/  
AXONS (plan A, B and axon)

Date: 06 MARCH 2009

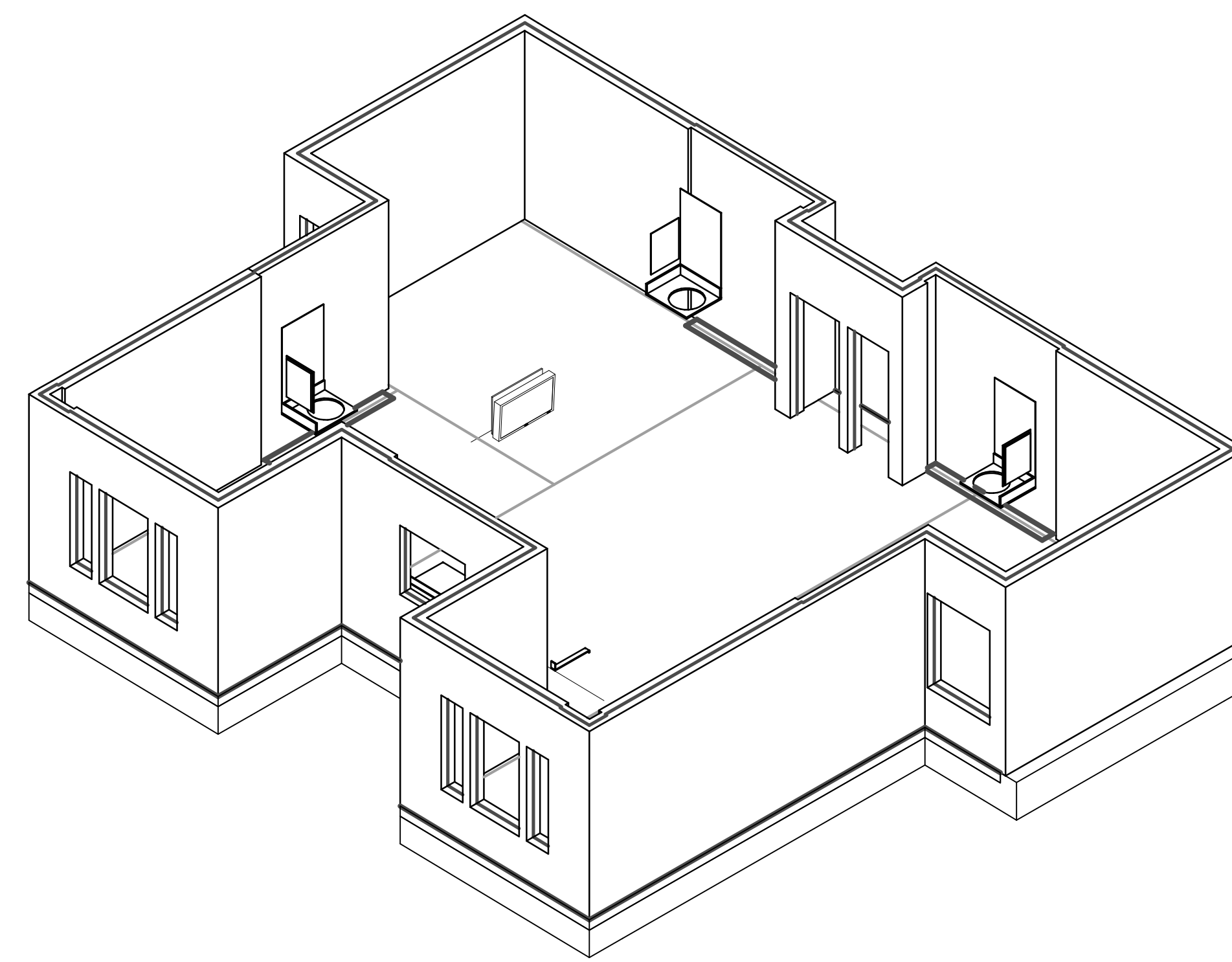
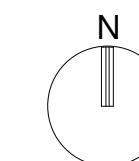
Designed By: Designer

Drawn By: Author

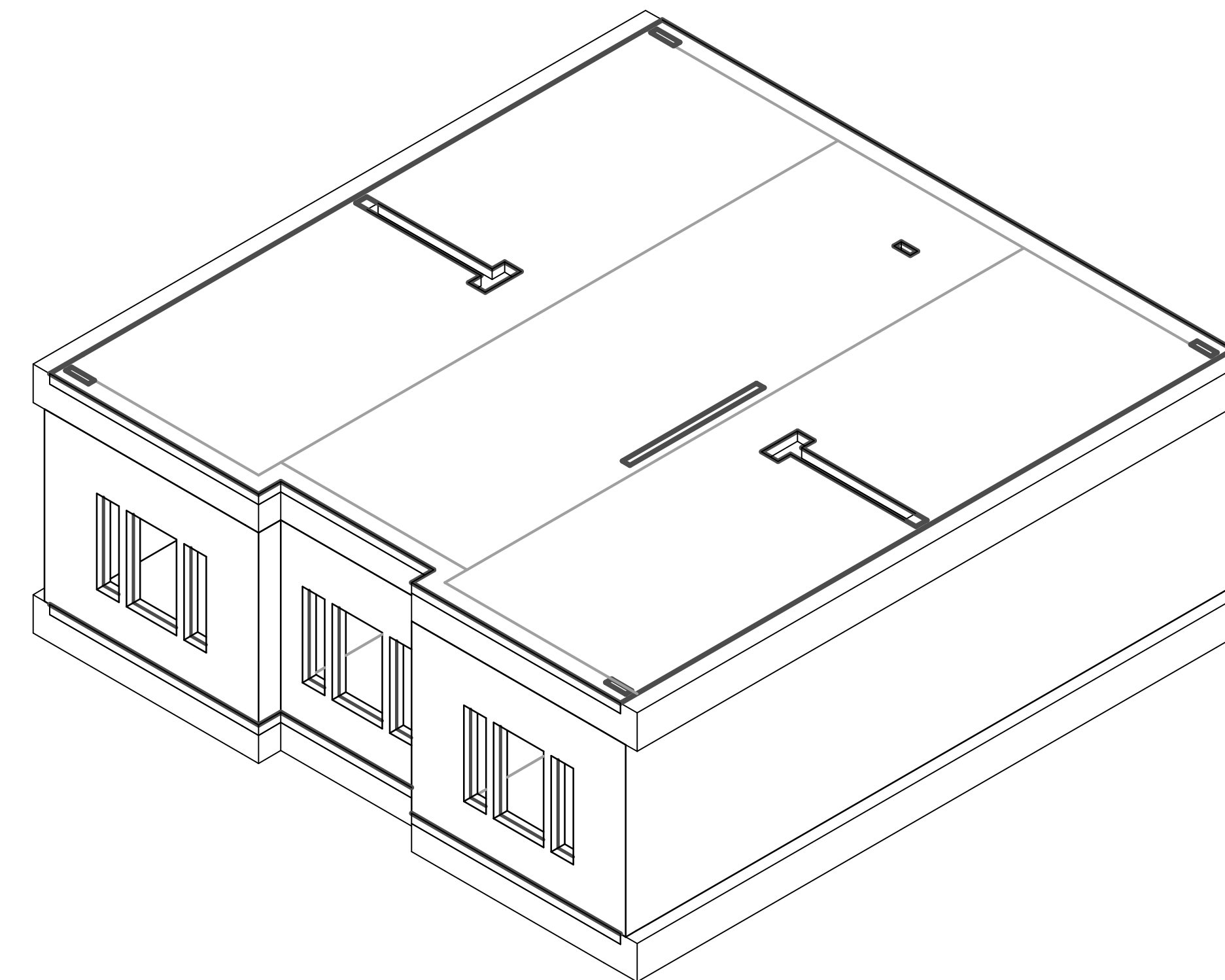
Checked By: Checker

Drawing No.:

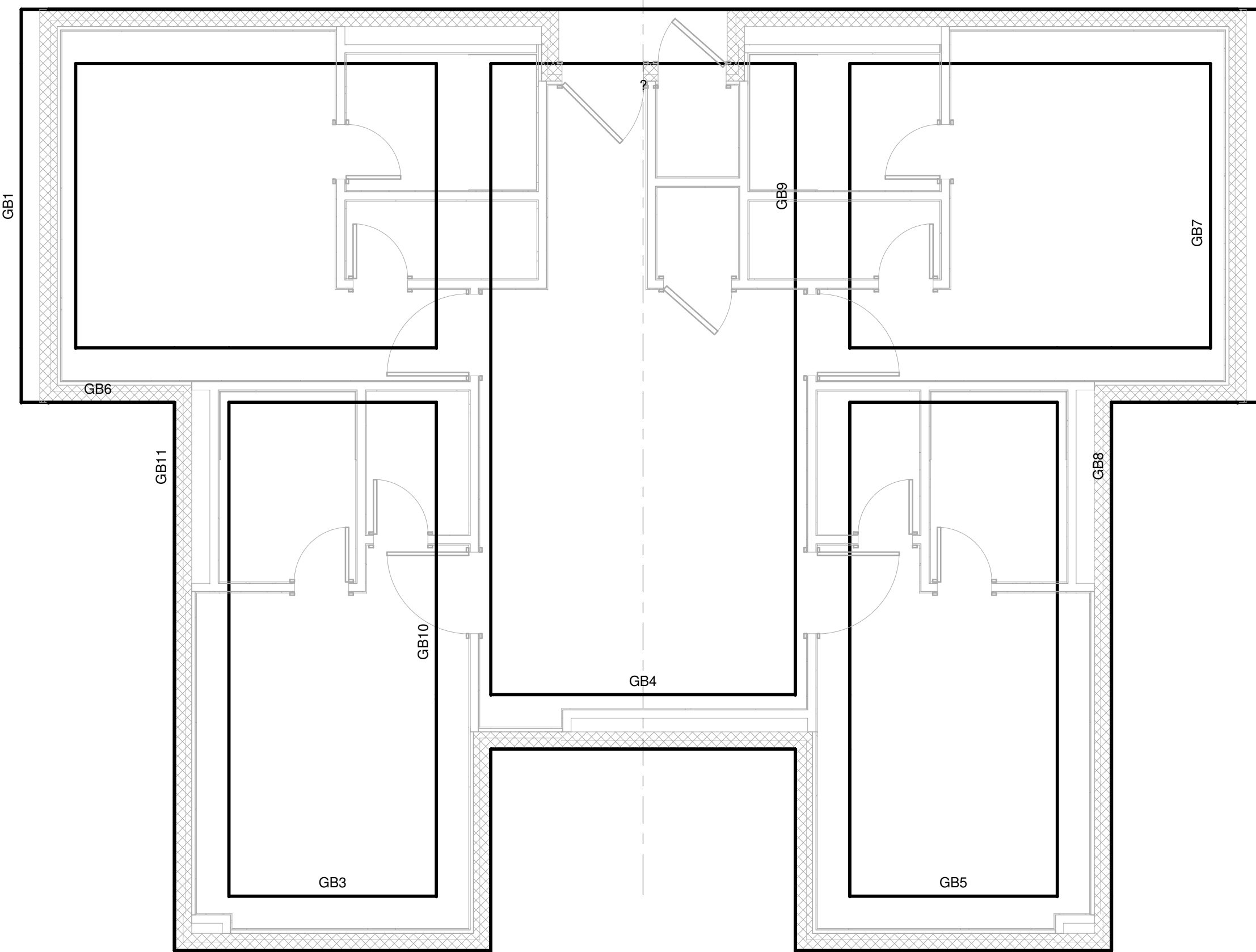
S01



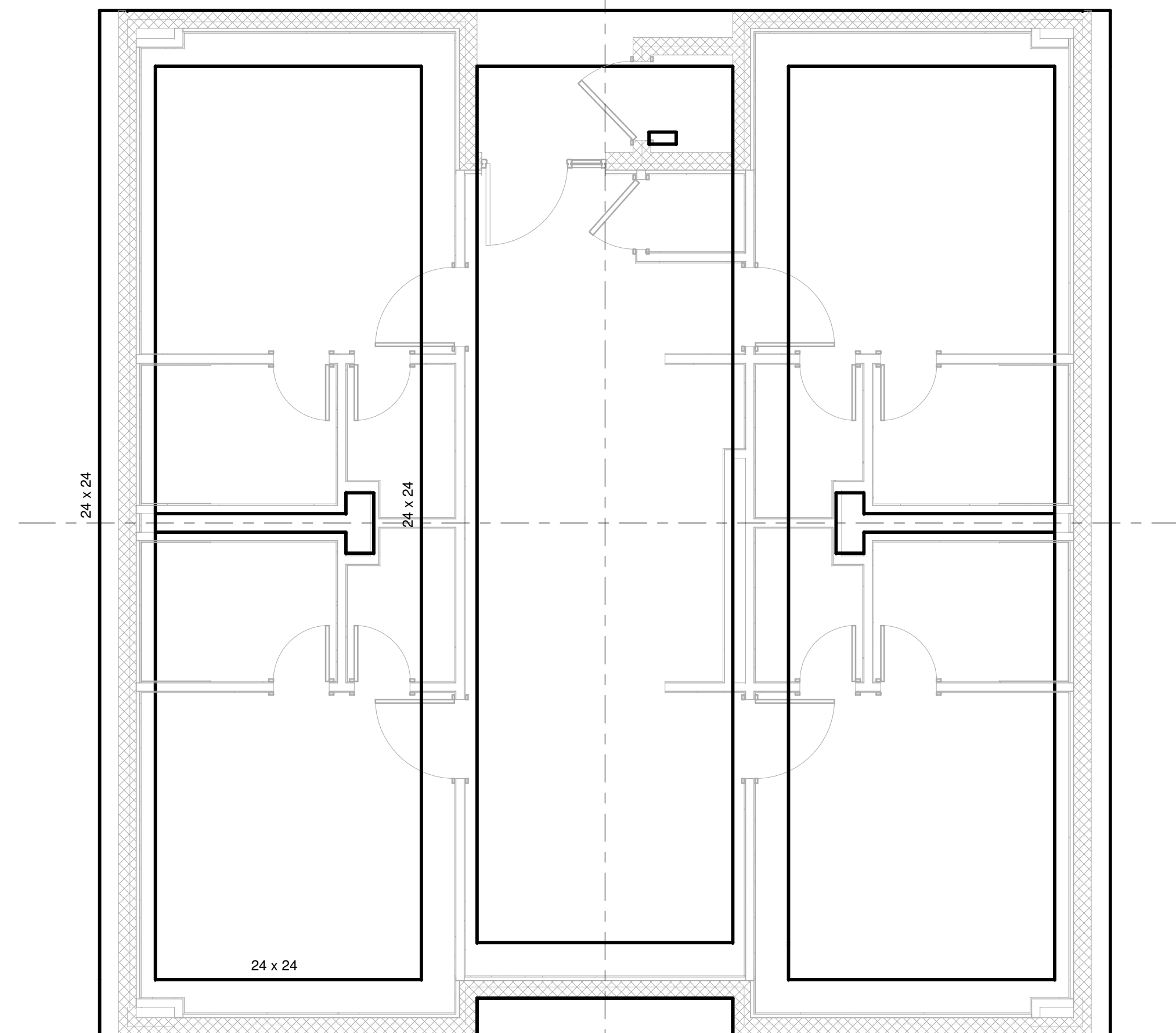
3 UNIT A - CONCRETE



4 UNIT B - CONCRETE



1 UNIT A - CONCRETE  
1/4" = 1'-0"



2 UNIT B - CONCRETE  
1/4" = 1'-0"

D

C

B

A

1

2

3

4

5

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FACILITIES DYNAMIC PROTOTYPES DESIGN FOR DORMITORIES

Scales: 1/4" = 1'-0"

Jacobs Project No.: FDWD1301

Drawing Title:

CONCRETE PLANS/  
AXONS (communal  
area and stairs)

Date: 06 MARCH 2009

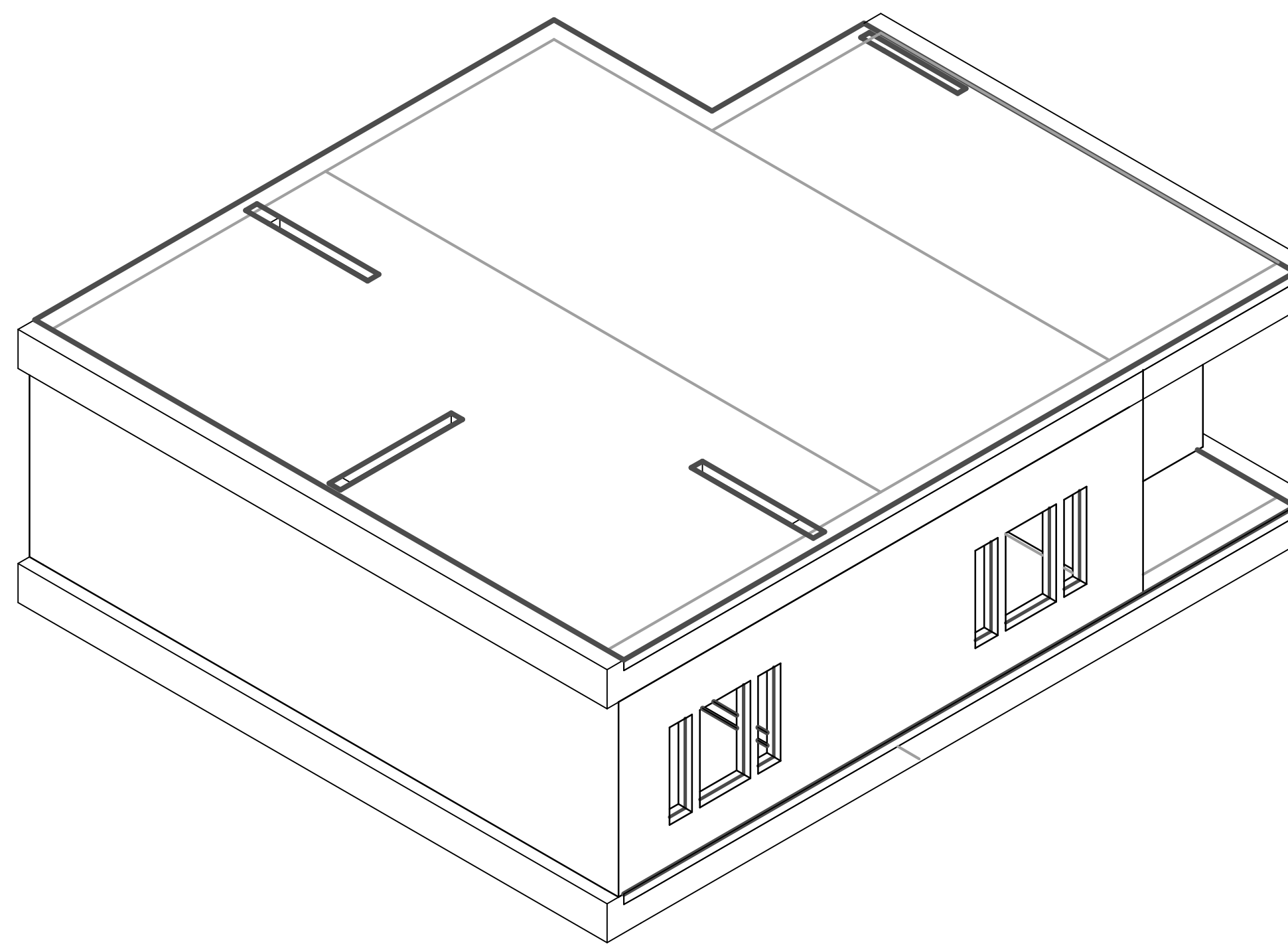
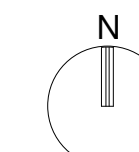
Designed By: Designer

Drawn By: Author

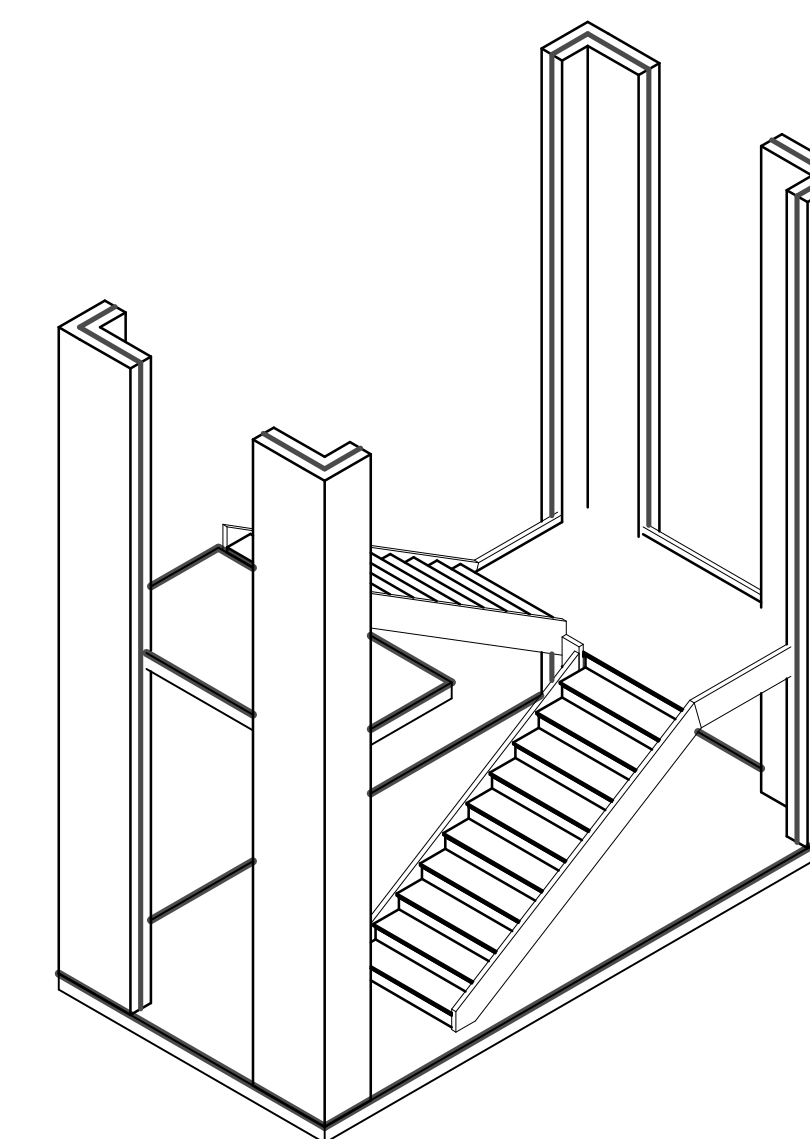
Checked By: Checker

Drawing No.:

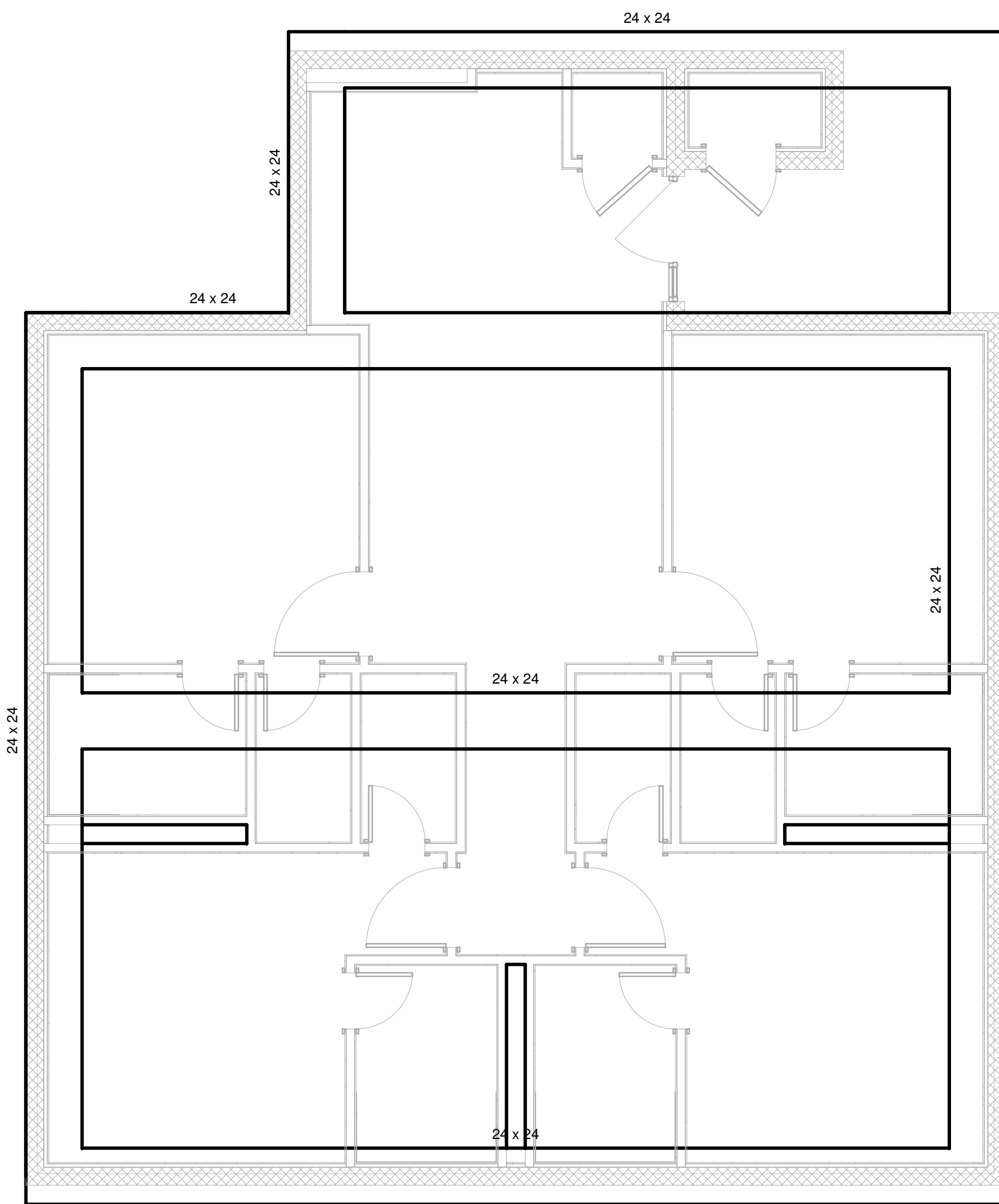
S02



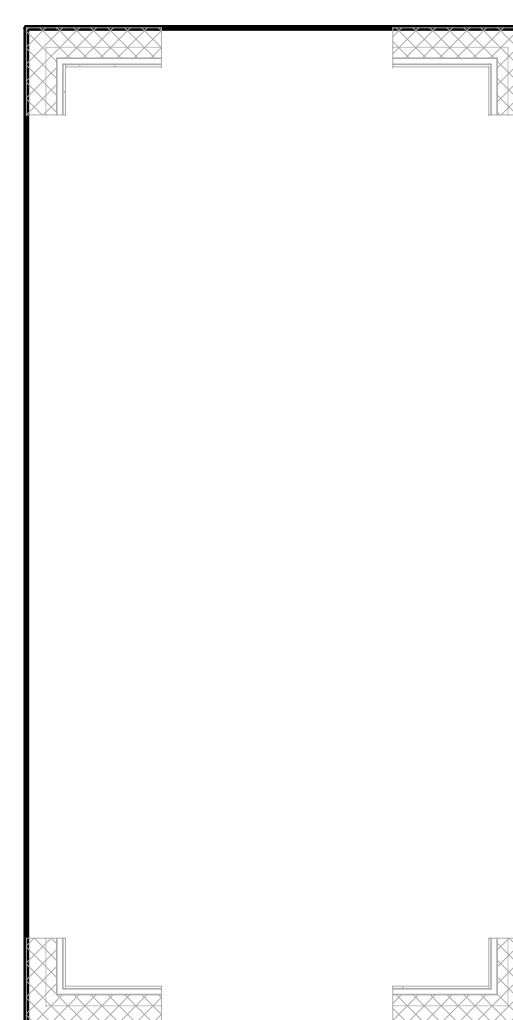
③ UNIT C - CONCRETE



④ STAIRS - CONCRETE



① UNIT C - CONCRETE  
1/4" = 1'-0"



② STAIRS - CONCRETE  
1/4" = 1'-0"

D

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FACILITIES DYNAMIC PROTOTYPES DESIGN FOR  
DORMITORIES**

Scales: 1/4" = 1'-0"

Jacobs Project No.: FDWD1301

Drawing Title:

**STEEL PLANS/  
AXONS (plan A, B and  
axon)**

Date: 06 MARCH 2009

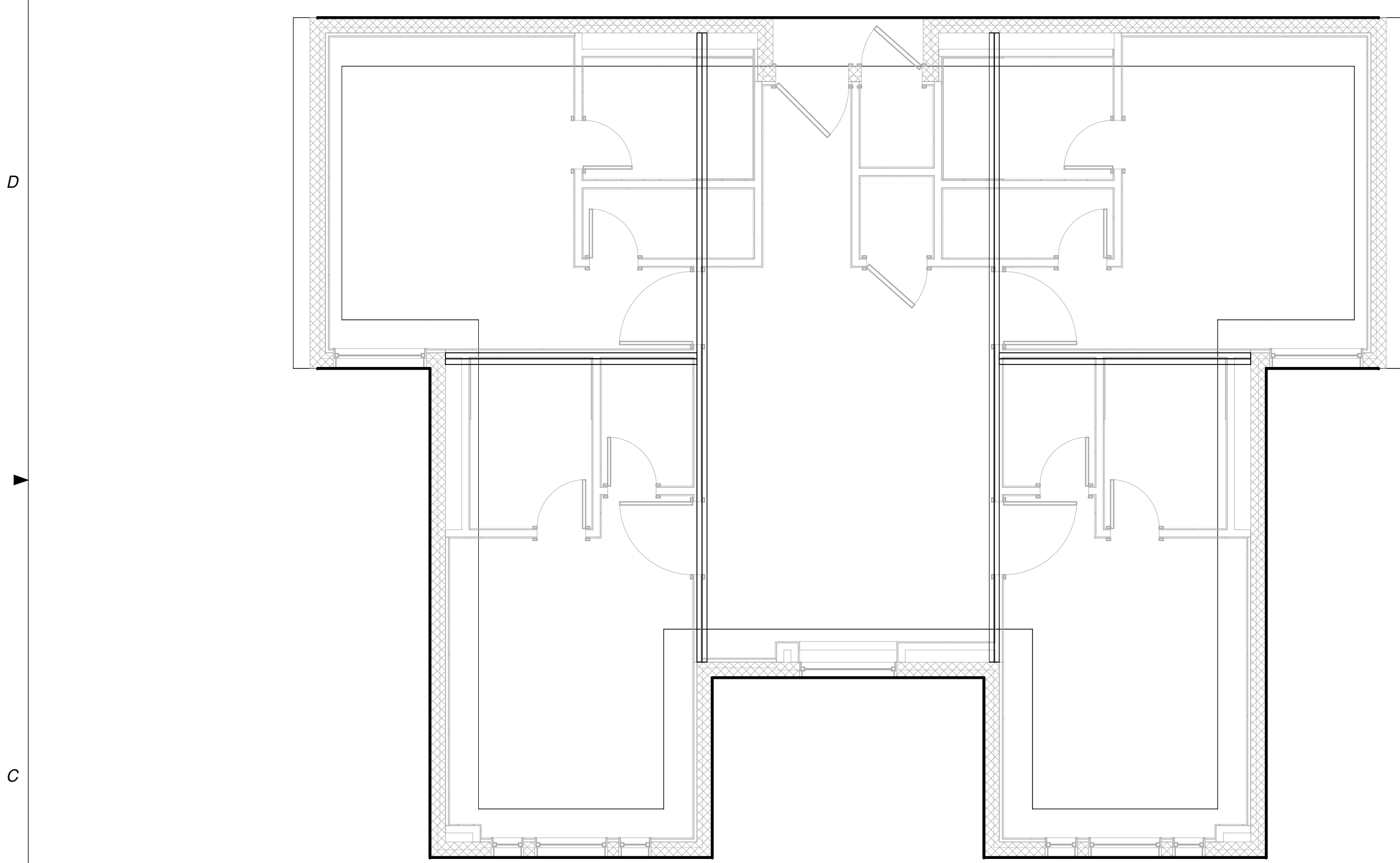
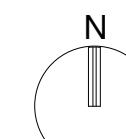
Designed By: Designer

Drawn By: Author

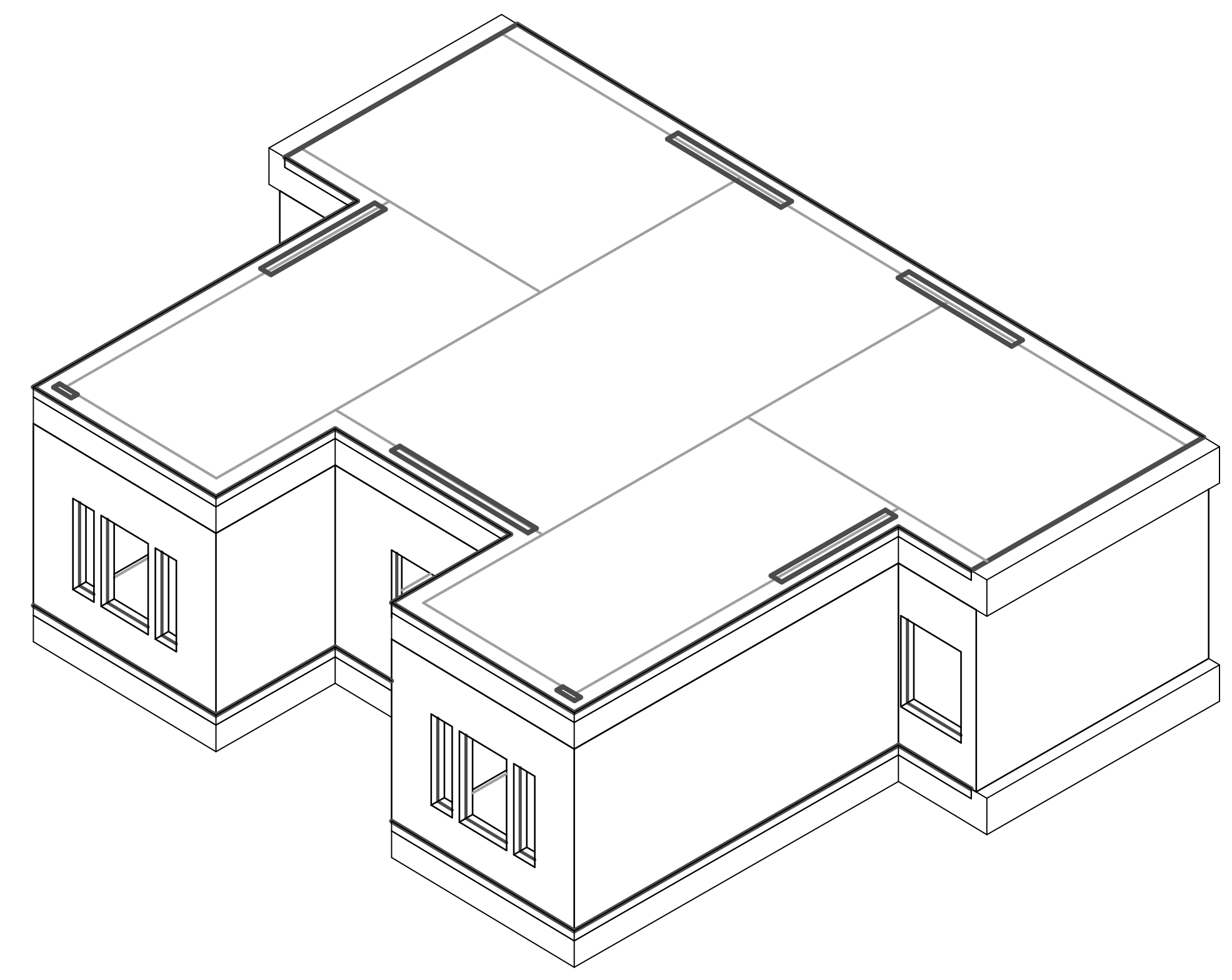
Checked By: Checker

Drawing No.:

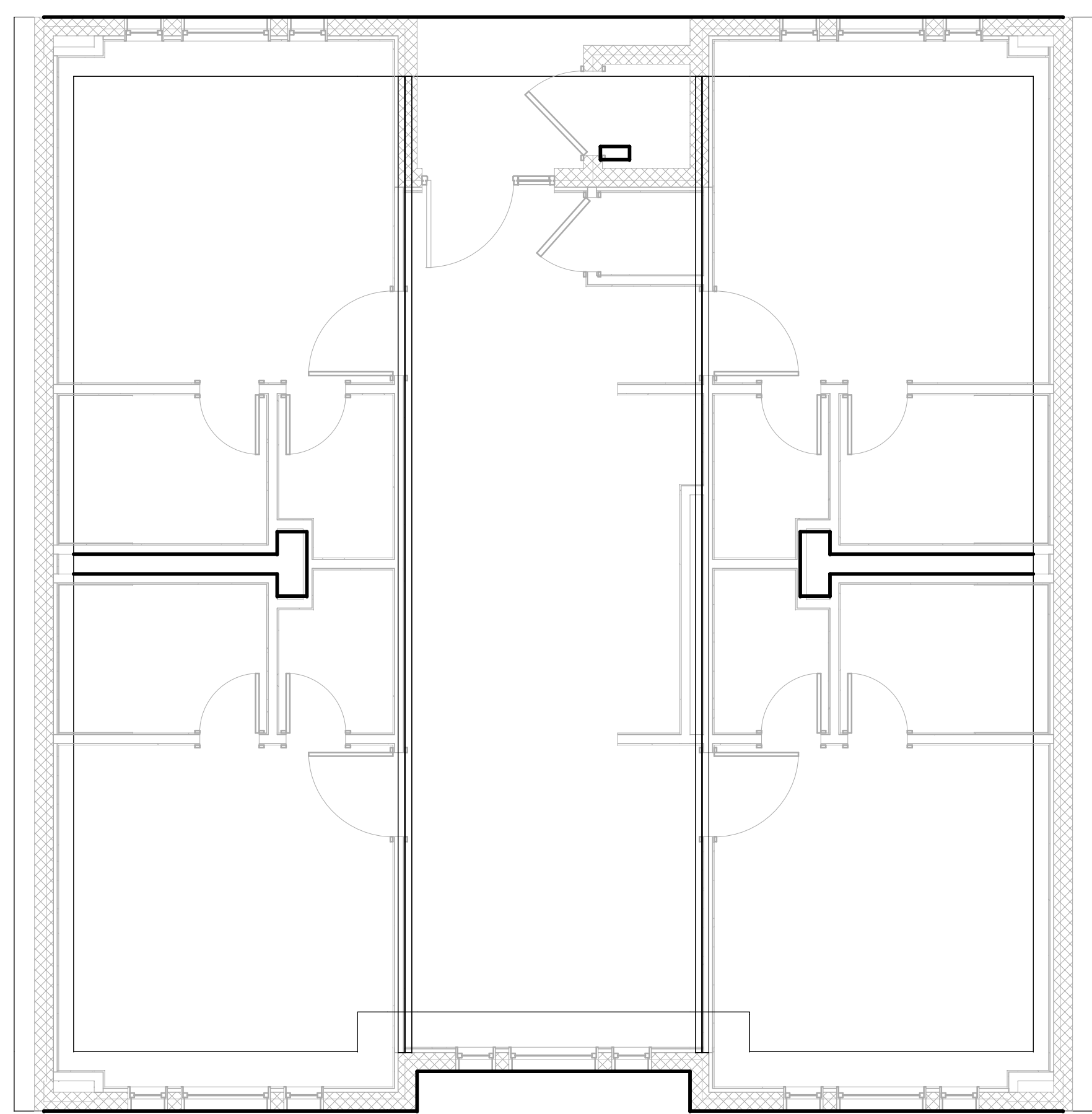
**S03**



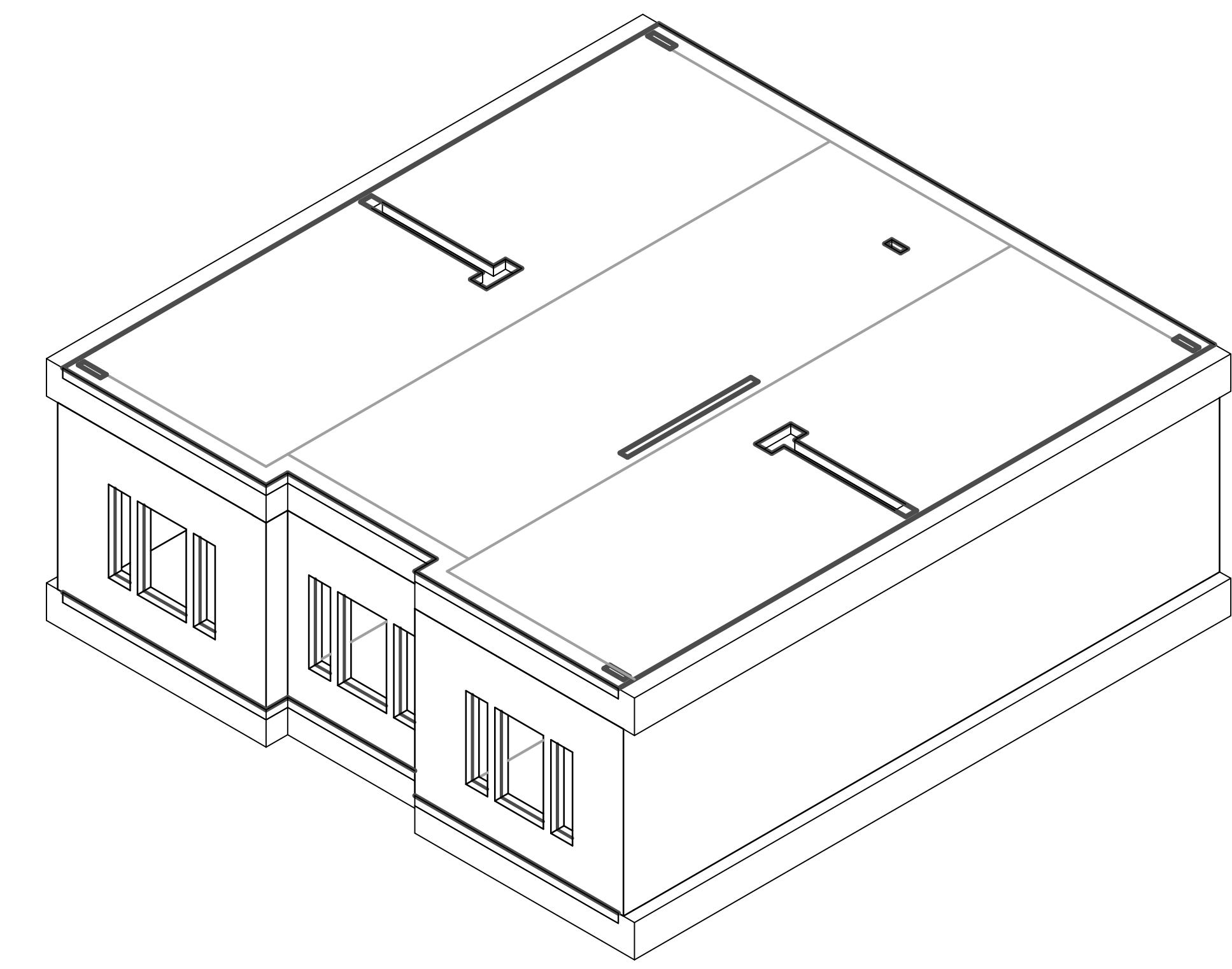
① UNIT A - STEEL  
1/4" = 1'-0"



③ UNIT A - STEEL



② UNIT B - STEEL  
1/4" = 1'-0"



④ UNIT B - STEEL

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FACILITIES DYNAMIC PROTOTYPES DESIGN FOR  
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Drawing Title:

**STEEL PLANS/  
AXONS (communal  
area and stairs)**

Date: 06 MARCH 2009

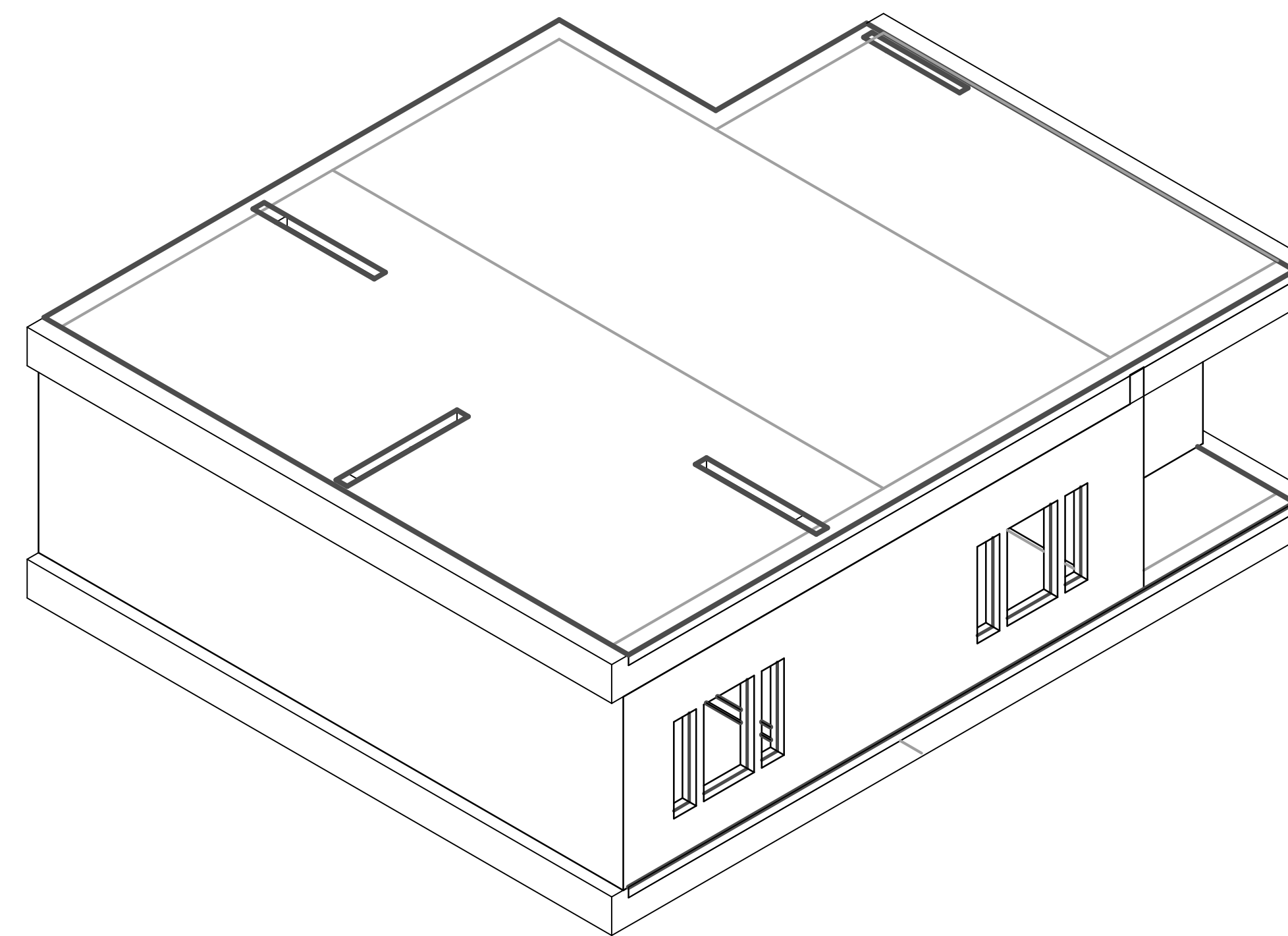
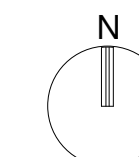
Designed By: Designer

Drawn By: Author

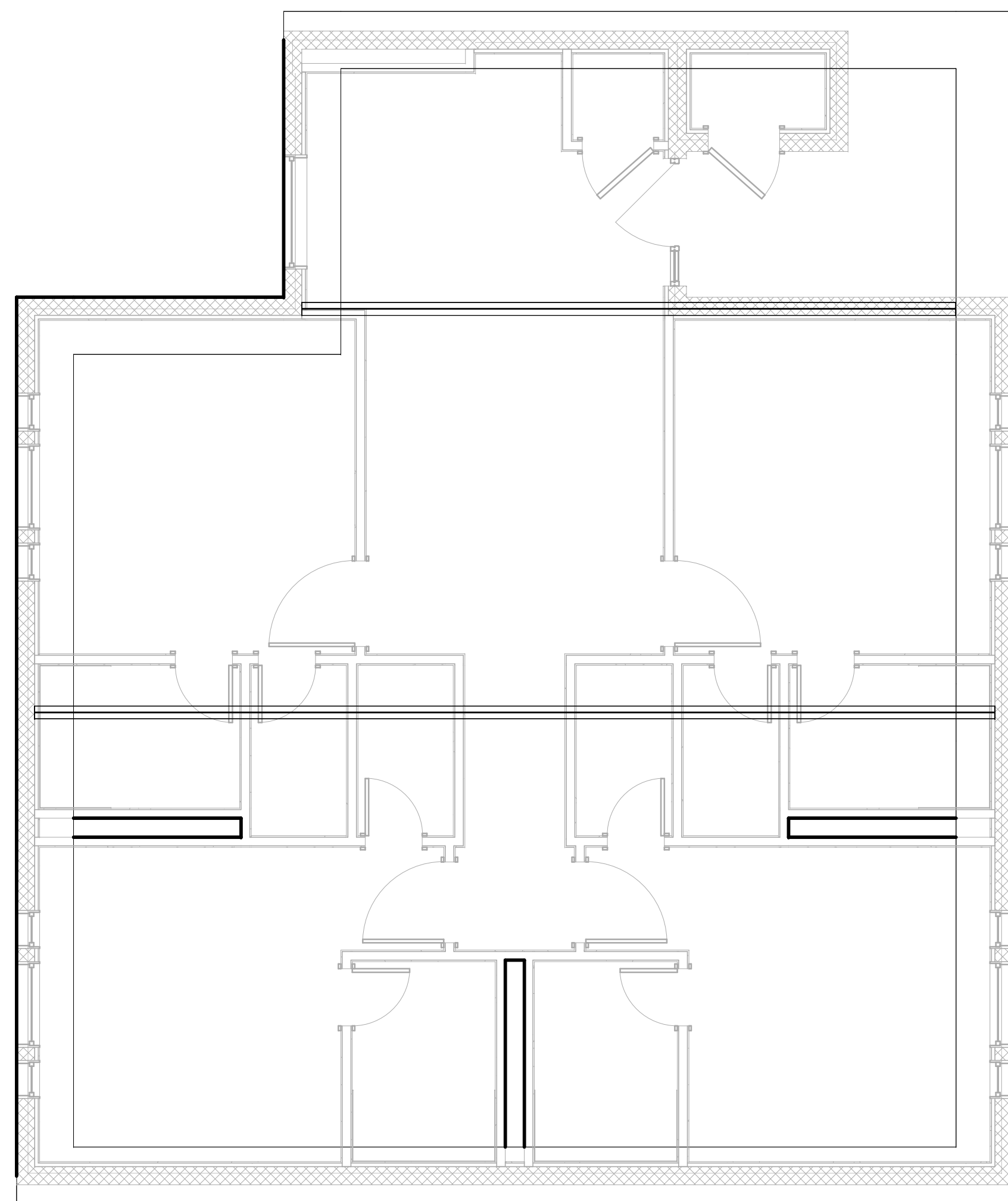
Checked By: Checker

Drawing No.:

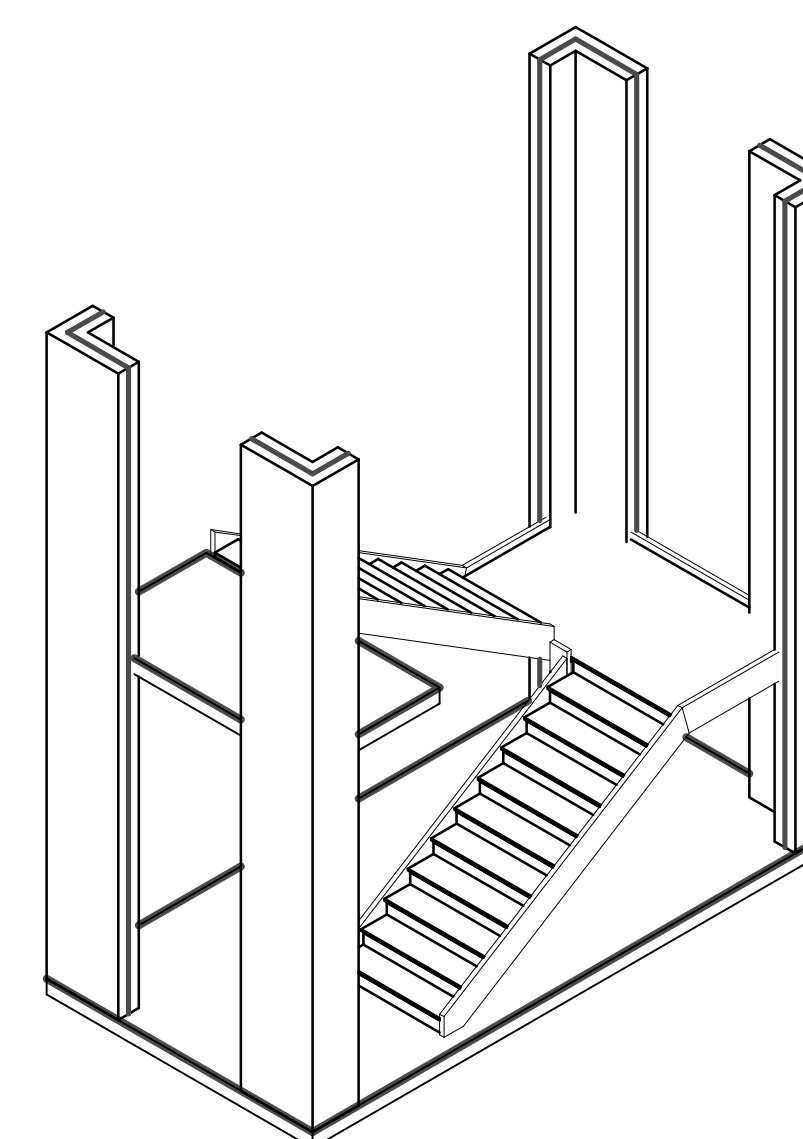
S04



③ UNIT C - STEEL



① UNIT C - STEEL  
1/4" = 1'-0"



④ STAIRS - STEEL



② STAIRS - STEEL  
1/4" = 1'-0"

D  
C  
B  
A

1 2 3 4 5

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FACILITIES DYNAMIC PROTOTYPES DESIGN FOR  
DORMITORIES**

Scales:

Jacobs Project No.: FDWD1301

Drawing Title:

**BEAM SCHEDULE**

Date: 06 MARCH 2009

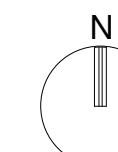
Designed By: Designer

Drawn By: Author

Checked By: Checker

Drawing No.:

**S05**



BEAM SCHEDULE - UNIT A									
MARK	SIZE W" X D"	REINFORCING STEEL				STIRRUPS			
		NO.	SIZE	TYPE	RE M A R K S	NO.	SIZE	TYPE	SPACING (EACH END U.N.O.)
GB1	24 x 24								
GB3	24 x 24								
GB4	24 x 24								
GB5	24 x 24								
GB6	24 x 24								
GB6	24 x 24								
GB6	24 x 24								
GB6	24 x 24								
GB7	24 x 24								
GB8	24 x 24								
GB9	24 x 24								
GB9	24 x 24								
GB10	24 x 24								
GB10	24 x 24								
GB11	24 x 24								

BEAM SCHEDULE - UNIT B									
MARK	SIZE W" X D"	REINFORCING STEEL				STIRRUPS			
		NO.	SIZE	TYPE	RE M A R K S	NO.	SIZE	TYPE	SPACING (EACH END U.N.O.)
GB12	24 x 24								
GB13	24 x 24								
GB16	24 x 24								
GB19	24 x 24								
GB20	24 x 24								
GB20	24 x 24								
GB21	24 x 24								
GB21	24 x 24								

D

C

B

A

1

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