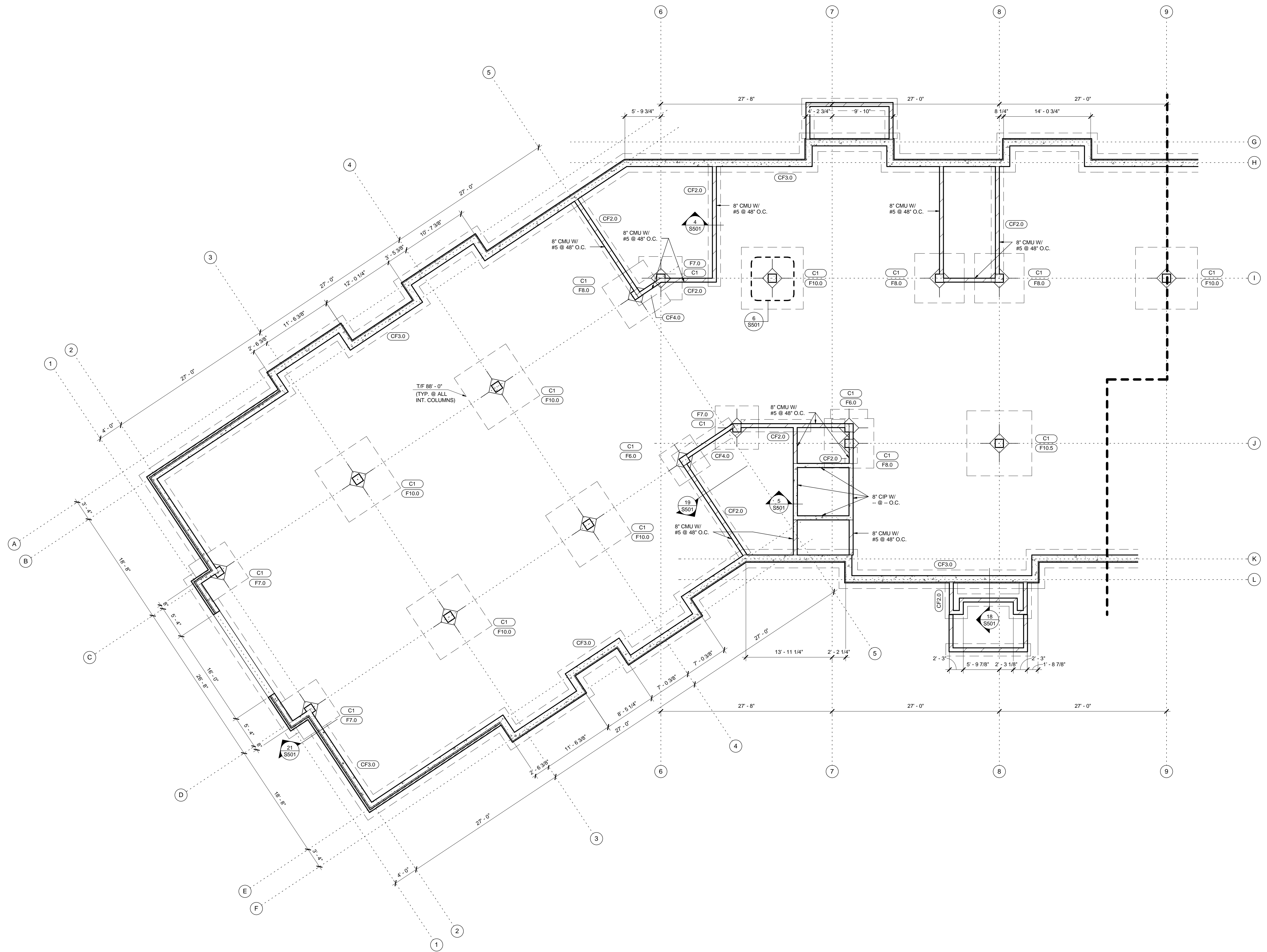






GENERAL NOTES:

1. T/FTG = 88'-0", UNLESS NOTED OTHERWISE.
2. EXTERIOR WALL FOOTINGS SHALL BE CF-, UNLESS NOTED OTHERWISE.
3. STOOP WALL FOOTINGS SHALL BE CF-, UNLESS NOTED OTHERWISE.
4. SEE DETAILS -S500 AND -S500 FOR CONSTRUCTION AND CONTROL JOINTS FOR SLAB ON GRADE.
5. SLAB ON GRADE: 4" CONCRETE SLAB WITH FIBER MESH REINFORCEMENT. PROVIDE 6" COMPACTED GRANULAR FILL. T/SLAB = 89'-0", UNLESS NOTED OTHERWISE.
6. SEE DETAIL -S500 FOR STEP FOOTING DETAIL.
7. SEE ARCHITECTURAL DRAWINGS FOR ALL SLAB SLOPES AND FLOOR DRAINS.
8. SEE SHEET S000 FOR GENERAL STRUCTURAL NOTES.
9. SEE SHEET S001 FOR SCHEDULES AND ABBREVIATIONS.
10. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.



I hereby certify that this plan, specification or report was prepared by me or under my direct supervision & that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Signature: \_\_\_\_\_  
 Printed name: Kesh Ramdulur  
 License no.: 16256  
 Date: 06/17/16

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Project no: 1602  
 Drawn by: SR, BW, BZ  
 Checked by: DAS  
 Date: 06/17/16  
 Revisions:



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New Apartment Complex:

**Rivers Ridge  
 Luxury  
 Apartments**

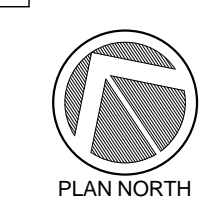
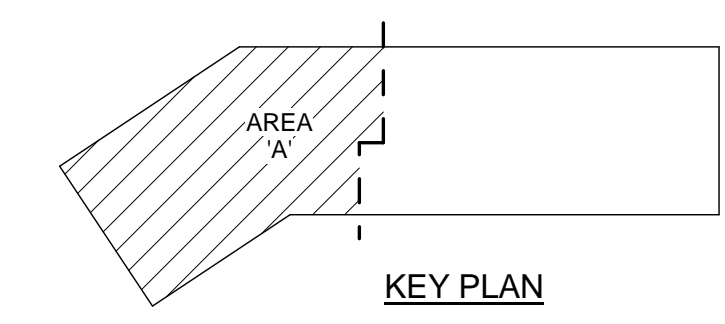
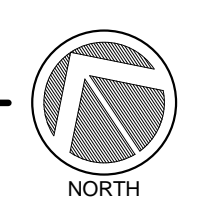
Red Wing, MN

Foundation Plan - Area A

**S100**

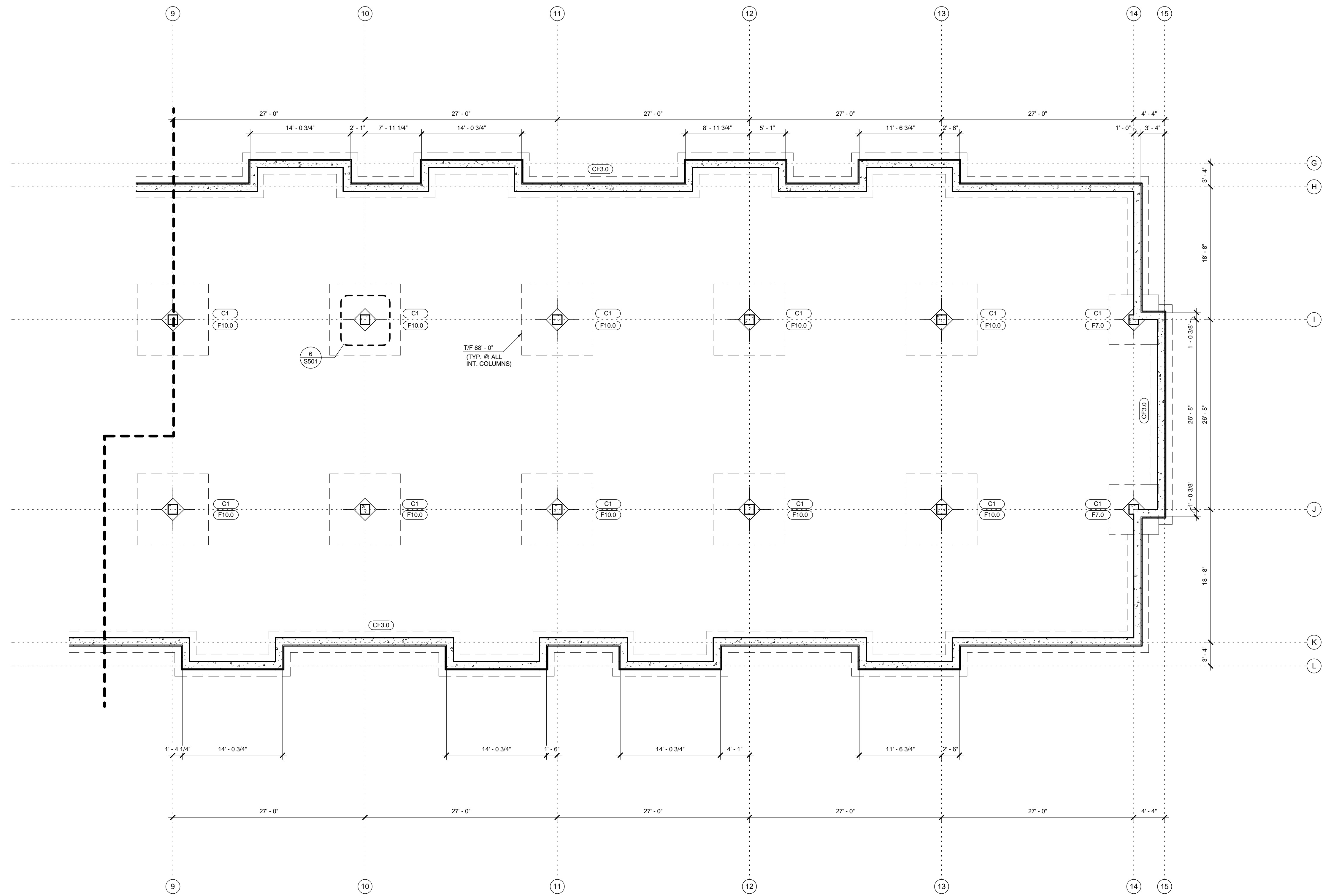
75% REVIEW - PRELIMINARY - NOT FOR CONSTRUCTION

1 FOUNDATION PLAN - AREA 'A'  
 S100 SCALE: 1/8" = 1'-0"

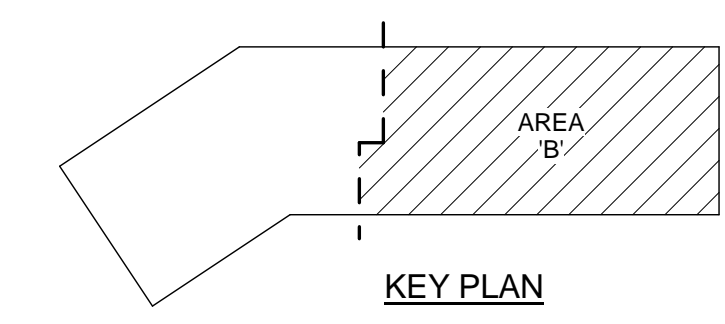
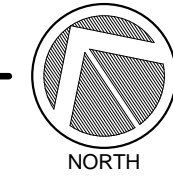


GENERAL NOTES:

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2. EXTERIOR WALL FOOTINGS SHALL BE CF-, UNLESS NOTED OTHERWISE.
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6. SEE DETAIL -S500 FOR STEP FOOTING DETAIL.
7. SEE ARCHITECTURAL DRAWINGS FOR ALL SLAB SLOPES AND FLOOR DRAINS.
8. SEE SHEET S000 FOR GENERAL STRUCTURAL NOTES.
9. SEE SHEET S001 FOR SCHEDULES AND ABBREVIATIONS.
10. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.



1 FOUNDATION PLAN - AREA 'B'  
S101 SCALE: 1/8" = 1'-0"



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New Apartment Complex:

**Rivers Ridge  
Luxury  
Apartments**

Red Wing, MN

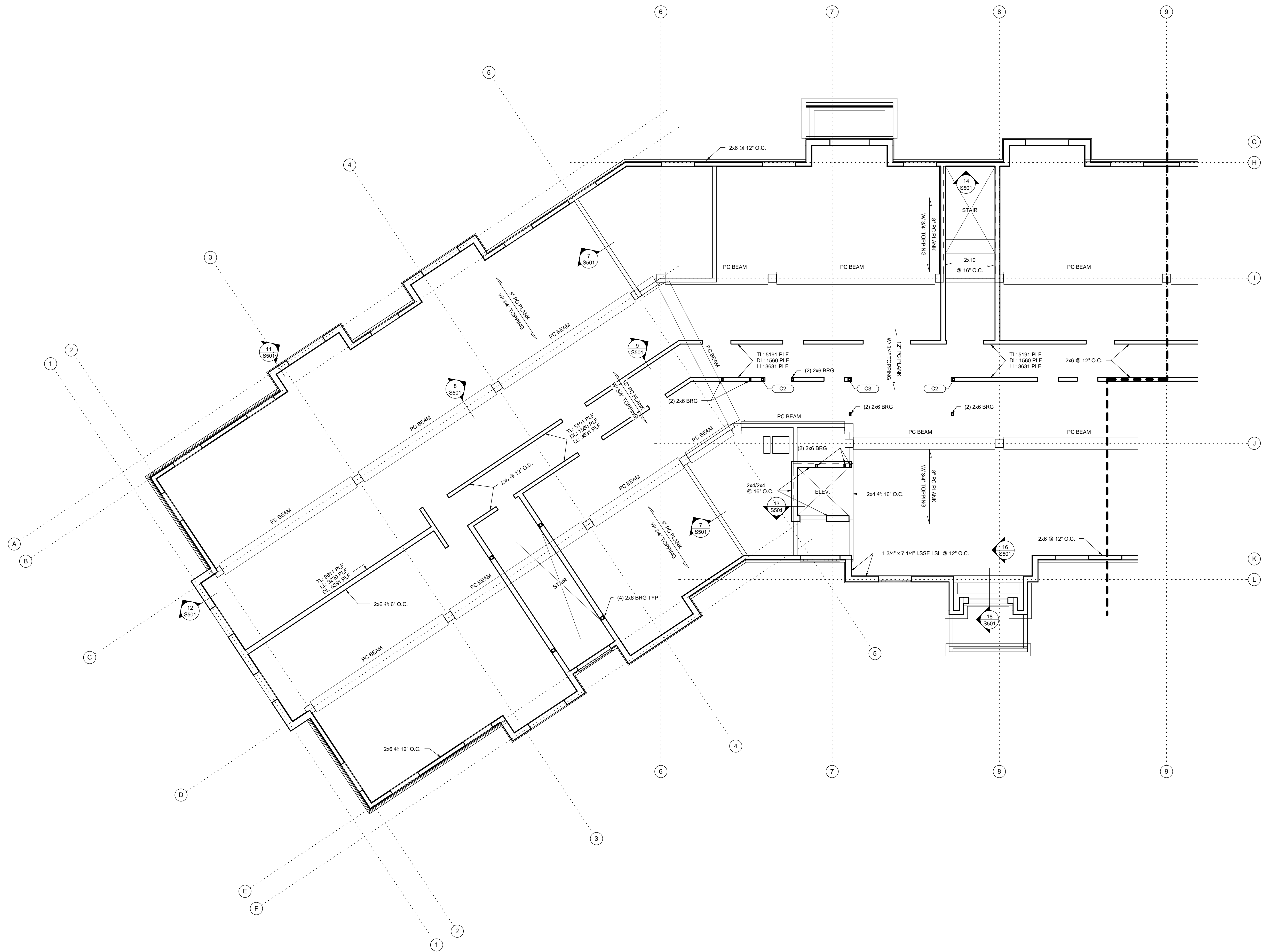
Foundation Plan - Area B

**S101**

75% REVIEW - PRELIMINARY - NOT FOR CONSTRUCTION

GENERAL NOTES:

- 1ST FLOOR TOP OF PLANK = 100'-0"
  - 2ND FLOOR TOP OF SHEATHING = 111'-1 7/8"
  - 3RD FLOOR TOP OF SHEATHING = 121'-3 3/4"
  - 4TH FLOOR TOP OF SHEATHING = 131'-5 5/8"
- FLOOR SHEATHING TO BE 3/4" TONGUE AND GROOVE PLYWOOD GLUED AND NAILED. SEE SPECIFICATIONS.
  - ALL FLOOR AREA TO HAVE 3/4" GYPCRETE, UNLESS NOTED OTHERWISE. SEE ARCHITECTURAL.
  - PROVIDE BRIDGING FOR FLOOR TRUSSES ACCORDING TO MANUFACTURER'S RECOMMENDATION.
  - DIMENSIONAL LUMBER FLOOR JOISTS TO HAVE BRIDGING AT INTERVALS NOT TO EXCEED 8'-0".
  - SEE ARCH FOR ALL OPENING SIZES AND LOCATIONS.
  - ALL INTERIOR STEEL BEAMS TO HAVE 2x WOOD TOP PLATES WITH 1/2" DIA THROUGH BOLTS AT 48" O.C. STAGGERED.
  - COORDINATE ALL TRUSSES WITH PLUMBING LOCATIONS.
  - ALL TRUSSES AND/OR ENGINEERED FLOORS TO BE DESIGNED FOR:
    - LIVE LOAD DEFLECTION OF L/400 FOR RESIDENT UNITS.
    - LIVE LOAD DEFLECTION OF L/400 FOR 100 PSF LOAD AREAS.
  - ADJUST TRUSS SPACING AS NECESSARY FOR LOAD AND DEFLECTION REQUIREMENTS (MAX 24' O.C.)
  - SEE DETAIL -S502 FOR CONTINUOUS BLOCKING REQUIREMENTS IN TRUSS SPACE.
  - PROVIDE CONT 2x12 RIBBON AT INTERIOR CORRIDOR.
  - PROVIDE CONT 2x6 RIBBON AT EXTERIOR WALLS.
  - SEE SHEET S001 FOR IBC NAILING SCHEDULE.
  - SEE SHEET S001 FOR SCHEDULES AND ABBREVIATIONS.
  - VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.



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 Checked by: DAS  
 Date: 06/17/16  
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New Apartment Complex:

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 Luxury  
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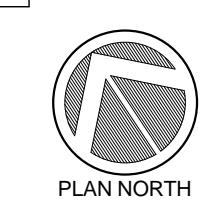
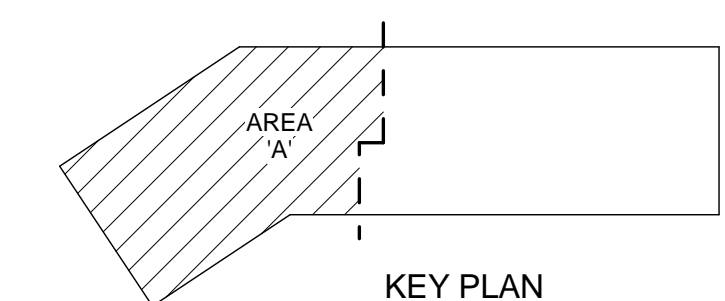
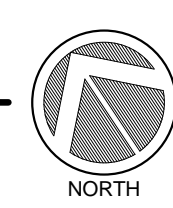
Red Wing, MN

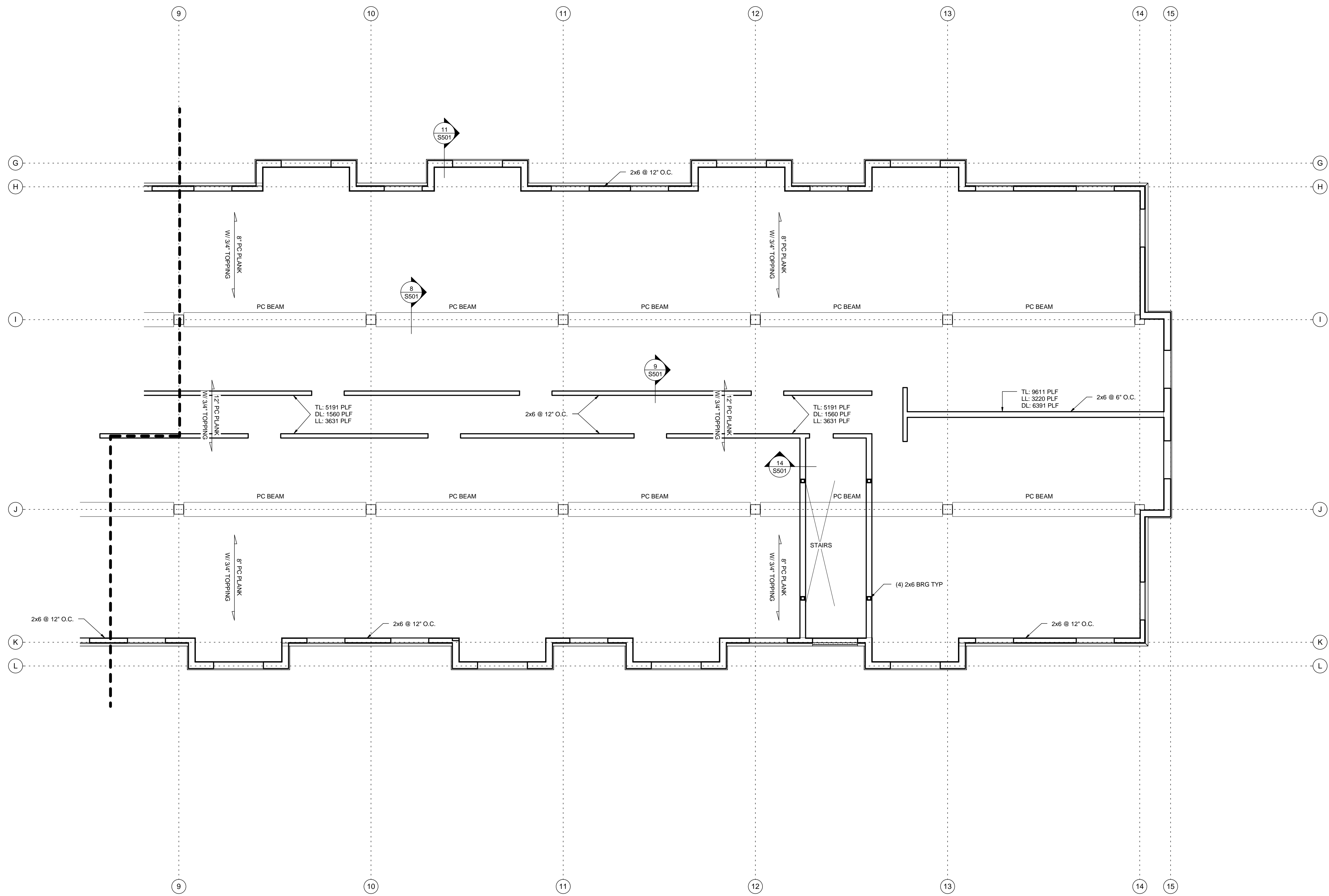
First Floor Framing Plan -  
 Area A

**S102**

75% REVIEW - PRELIMINARY - NOT FOR CONSTRUCTION

1 FIRST FLOOR FRAMING PLAN - AREA 'A'  
 S102 SCALE: 1/8" = 1'-0"





- GENERAL NOTES:**
- 1ST FLOOR TOP OF PLANK = 100' - 0"
  - 2ND FLOOR TOP OF SHEATHING = 111' - 1 7/8"
  - 3RD FLOOR TOP OF SHEATHING = 121' - 3 3/4"
  - 4TH FLOOR TOP OF SHEATHING = 131' - 5 5/8"
  - FLOOR SHEATHING TO BE 3/4" TONGUE AND GROOVE PLYWOOD GLUED AND NAILED. SEE SPECIFICATIONS.
  - ALL FLOOR AREA TO HAVE 3/4" GYPCRETE, UNLESS NOTED OTHERWISE. SEE ARCHITECTURAL.
  - PROVIDE BRIDGING FOR FLOOR TRUSSES ACCORDING TO MANUFACTURER'S RECOMMENDATION.
  - DIMENSIONAL LUMBER FLOOR JOISTS TO HAVE BRIDGING AT INTERVALS NOT TO EXCEED 8' - 0".
  - SEE ARCH FOR ALL OPENING SIZES AND LOCATIONS.
  - ALL INTERIOR STEEL BEAMS TO HAVE 2x WOOD TOP PLATES WITH 1/2" DIA THROUGH BOLTS AT 48" O.C. STAGGERED.
  - COORDINATE ALL TRUSSES WITH PLUMBING LOCATIONS.
  - ALL TRUSSES AND/OR ENGINEERED FLOORS TO BE DESIGNED FOR:
    - a. LIVE LOAD DEFLECTION OF L/400 FOR RESIDENT UNITS.
    - b. LIVE LOAD DEFLECTION OF L/400 FOR 100 PSF LOAD AREAS.
  - ADJUST TRUSS SPACING AS NECESSARY FOR LOAD AND DEFLECTION REQUIREMENTS (MAX 24" O.C.)
  - SEE DETAIL -S502 FOR CONTINUOUS BLOCKING REQUIREMENTS IN TRUSS SPACE.
  - PROVIDE CONT 2x12 RIBBON AT INTERIOR CORRIDOR.
  - PROVIDE CONT 2x6 RIBBON AT EXTERIOR WALLS.
  - SEE SHEET S001 FOR IBC NAILING SCHEDULE.
  - SEE SHEET S001 FOR SCHEDULES AND ABBREVIATIONS.
  - VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.

REVISION SCHEDULE

NO.	DATE	DESCRIPTION

**Larson Engineering, Inc.**  
 3524 Labore Road  
 White Bear Lake, MN 55110-5126  
 651.481.9120 Fax: 651.481.9011  
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 Checked by: DAS  
 Date: 06/17/16  
 Revisions:

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New Apartment Complex:

**Rivers Ridge  
 Luxury  
 Apartments**

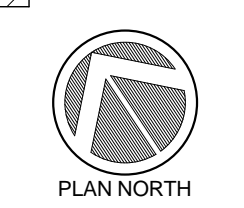
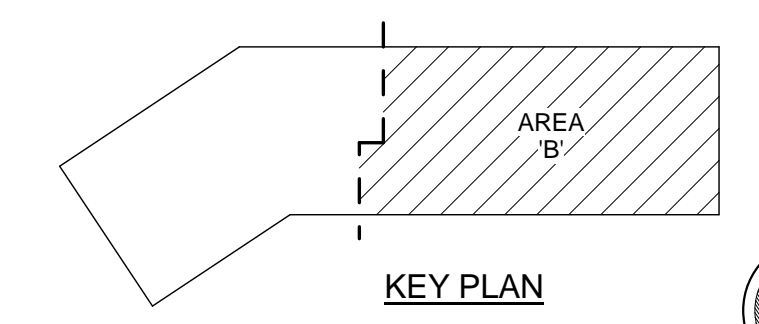
Red Wing, MN

First Floor Framing Plan -  
 Area B

**S103**

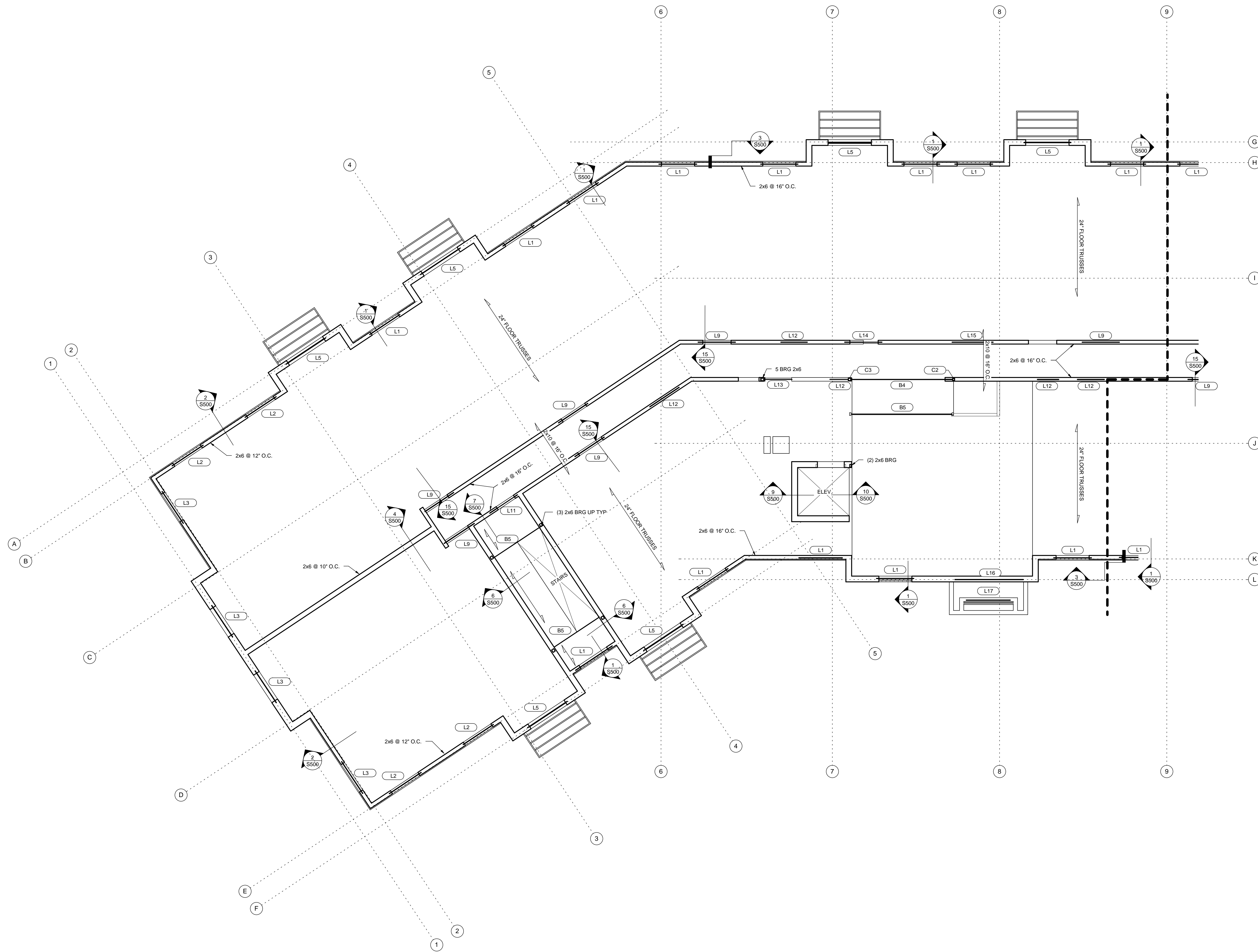
75% REVIEW - PRELIMINARY - NOT FOR CONSTRUCTION

**1** FIRST FLOOR FRAMING PLAN - AREA 'B'  
 S103 SCALE: 1/8" = 1'-0"



GENERAL NOTES:

- 1ST FLOOR TOP OF PLANK = 100' - 0"
- 2ND FLOOR TOP OF SHEATHING = 111' - 1 7/8"
- 3RD FLOOR TOP OF SHEATHING = 121' - 3 3/4"
- 4TH FLOOR TOP OF SHEATHING = 131' - 5 5/8"
- FLOOR SHEATHING TO BE 3/4" TONGUE AND GROOVE PLYWOOD GLUED AND NAILED. SEE SPECIFICATIONS.
- ALL FLOOR AREA TO HAVE 3/4" GYPCRETE, UNLESS NOTED OTHERWISE. SEE ARCHITECTURAL.
- PROVIDE BRIDGING FOR FLOOR TRUSSES ACCORDING TO MANUFACTURER'S RECOMMENDATION.
- DIMENSIONAL LUMBER FLOOR JOISTS TO HAVE BRIDGING AT INTERVALS NOT TO EXCEED 8' - 0".
- SEE ARCH FOR ALL OPENING SIZES AND LOCATIONS.
- ALL INTERIOR STEEL BEAMS TO HAVE 2x WOOD TOP PLATES WITH 1/2" DIA THROUGH BOLTS AT 48" O.C. STAGGERED.
- COORDINATE ALL TRUSSES WITH PLUMBING LOCATIONS.
- ALL TRUSSES AND/OR ENGINEERED FLOORS TO BE DESIGNED FOR:
  - LIVE LOAD DEFLECTION OF L-- FOR RESIDENT UNITS.
  - LIVE LOAD DEFLECTION OF L-- FOR 100 PSF LOAD AREAS.
- ADJUST TRUSS SPACING AS NECESSARY FOR LOAD AND DEFLECTION REQUIREMENTS (MAX 24" O.C.)
- SEE DETAIL -S502 FOR CONTINUOUS BLOCKING REQUIREMENTS IN TRUSS SPACE.
- PROVIDE CONT 2x12 RIBBON AT INTERIOR CORRIDOR.
- PROVIDE CONT 2x6 RIBBON AT EXTERIOR WALLS.
- SEE SHEET S001 FOR IBC NAILING SCHEDULE.
- SEE SHEET S001 FOR SCHEDULES AND ABBREVIATIONS.
- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.



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New Apartment Complex:

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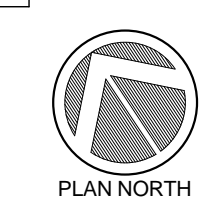
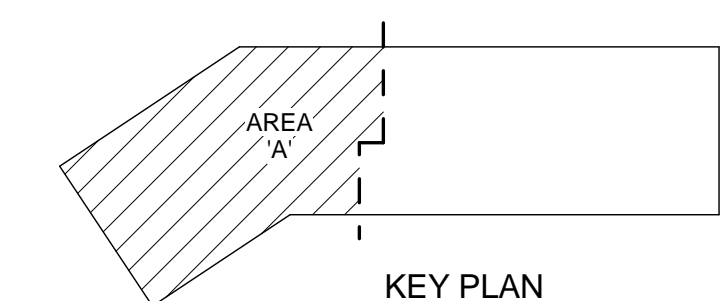
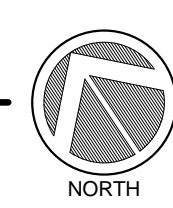
Red Wing, MN

Second Floor Framing Plan  
 - Area A

**S104**

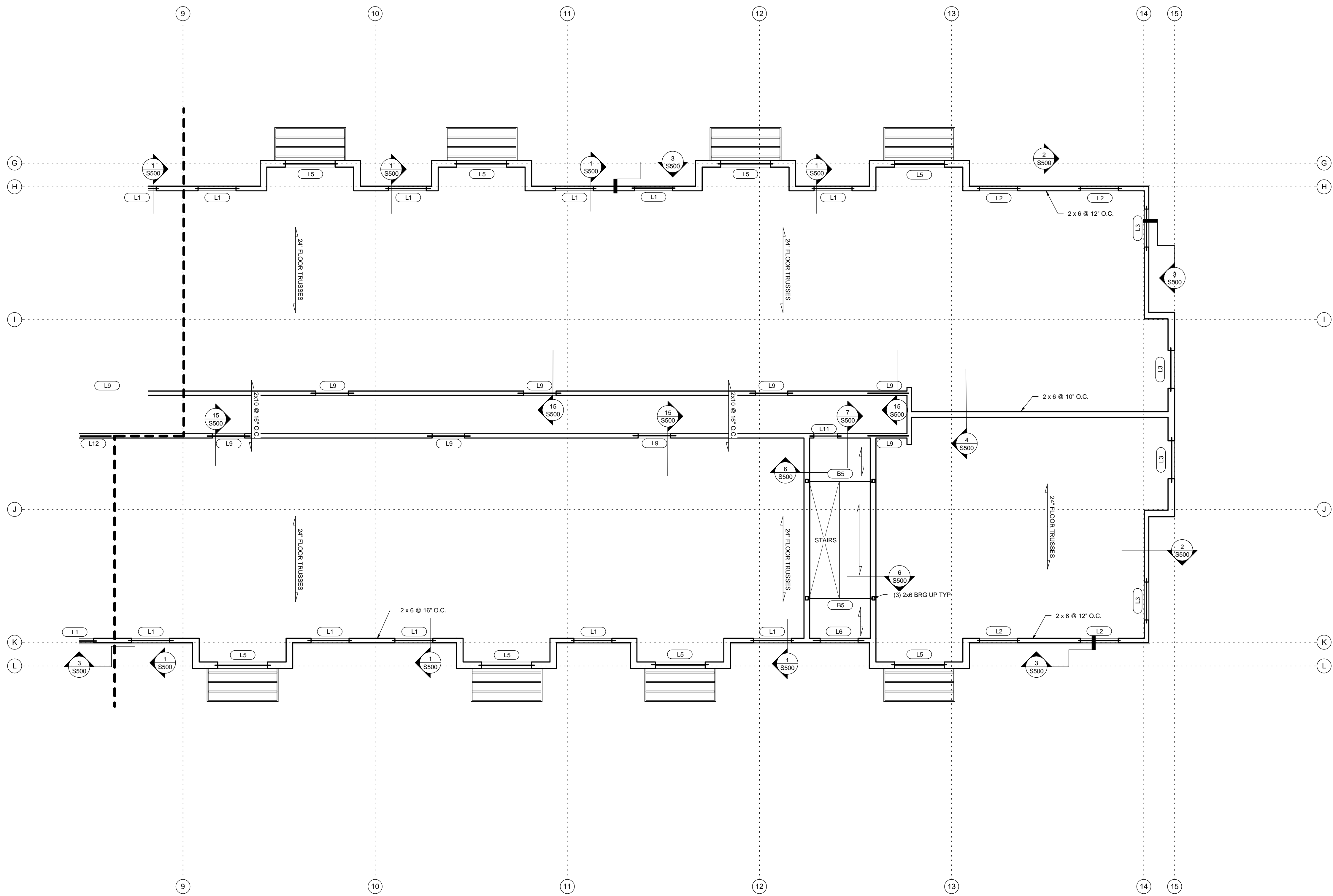
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1 SECOND FLOOR FRAMING PLAN - AREA 'A'  
 S104 SCALE: 1/8" = 1'-0"



GENERAL NOTES:

- 1ST FLOOR TOP OF PLANK = 100'-0"
- 2ND FLOOR TOP OF SHEATHING = 111'-1 7/8"
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- SEE ARCH FOR ALL OPENING SIZES AND LOCATIONS.
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- COORDINATE ALL TRUSSES WITH PLUMBING LOCATIONS.
- ALL TRUSSES AND/OR ENGINEERED FLOORS TO BE DESIGNED FOR:
  - LIVE LOAD DEFLECTION OF L-- FOR RESIDENT UNITS.
  - LIVE LOAD DEFLECTION OF L-- FOR 100 PSF LOAD AREAS.
- ADJUST TRUSS SPACING AS NECESSARY FOR LOAD AND DEFLECTION REQUIREMENTS (MAX 24" O.C.)
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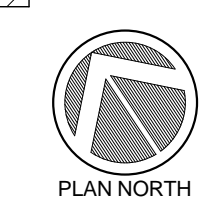
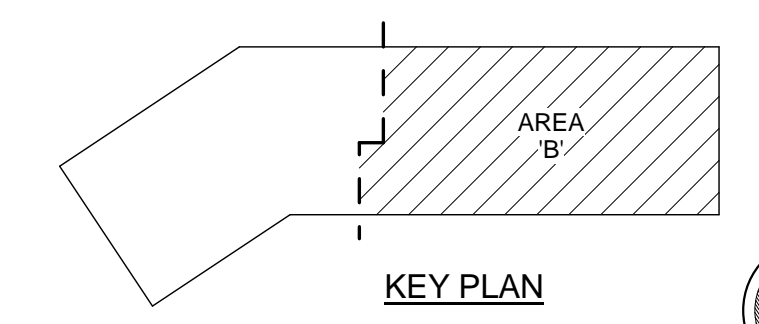
Red Wing, MN

Second Floor Framing Plan  
 - Area B

**S105**

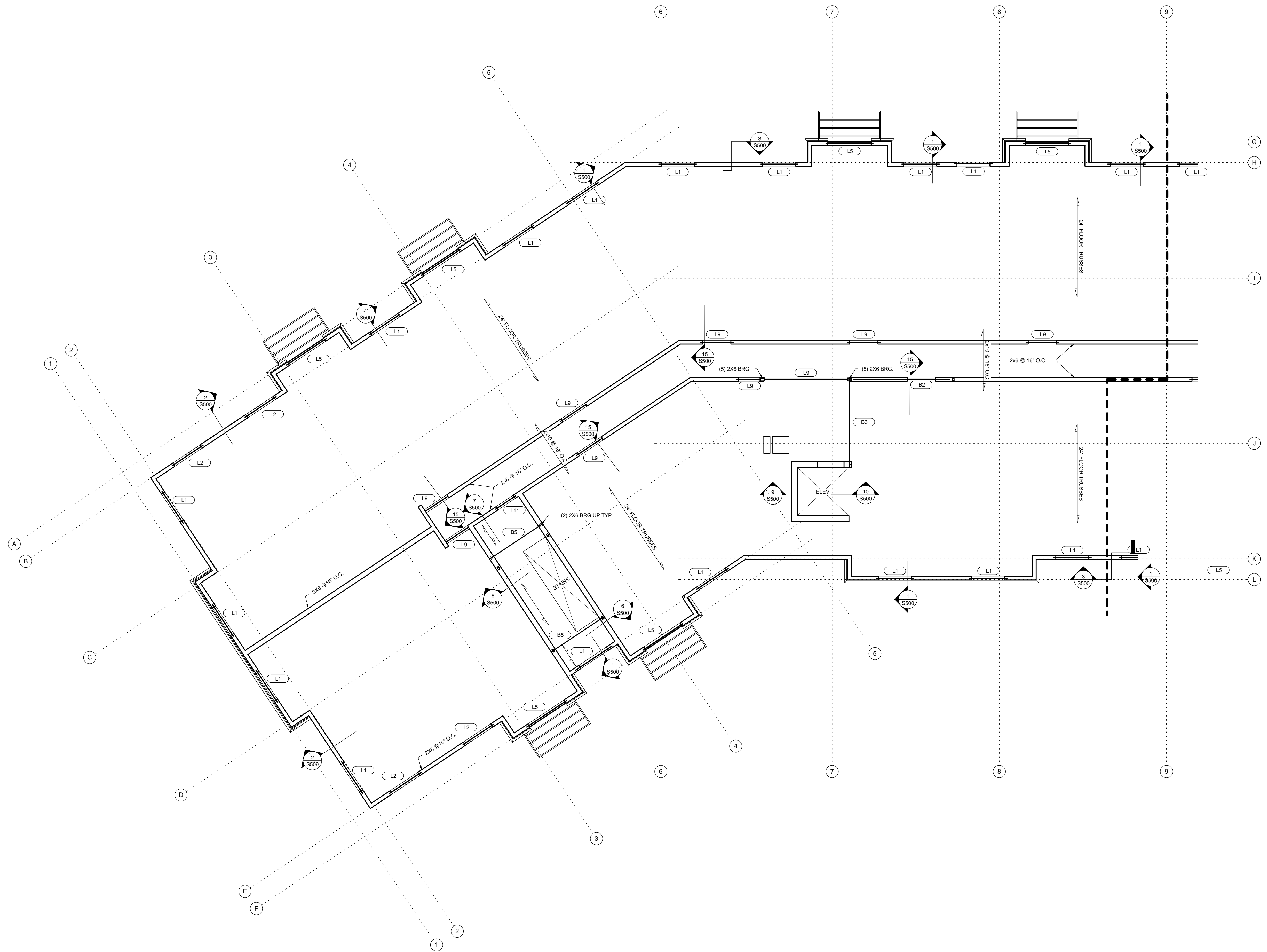
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1 SECOND FLOOR FRAMING PLAN - AREA 'B'  
 S105 SCALE: 1/8" = 1'-0"



GENERAL NOTES:

- 1ST FLOOR TOP OF PLANK = 100' - 0"  
2ND FLOOR TOP OF SHEATHING = 111' - 1 7/8"  
3RD FLOOR TOP OF SHEATHING = 121' - 3 3/4"  
4TH FLOOR TOP OF SHEATHING = 131' - 5 5/8"
- FLOOR SHEATHING TO BE 3/4" TONGUE AND GROOVE PLYWOOD GLUED AND NAILED. SEE SPECIFICATIONS.
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- PROVIDE BRIDGING FOR FLOOR TRUSSES ACCORDING TO MANUFACTURER'S RECOMMENDATION.
- DIMENSIONAL LUMBER FLOOR JOISTS TO HAVE BRIDGING AT INTERVALS NOT TO EXCEED 8' - 0".
- SEE ARCH FOR ALL OPENING SIZES AND LOCATIONS.
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- COORDINATE ALL TRUSSES WITH PLUMBING LOCATIONS.
- ALL TRUSSES AND/OR ENGINEERED FLOORS TO BE DESIGNED FOR:  
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- ADJUST TRUSS SPACING AS NECESSARY FOR LOAD AND DEFLECTION REQUIREMENTS (MAX 24' O.C.)
- SEE DETAIL -S502 FOR CONTINUOUS BLOCKING REQUIREMENTS IN TRUSS SPACE.
- PROVIDE CONT 2x12 RIBBON AT INTERIOR CORRIDOR.
- PROVIDE CONT 2x6 RIBBON AT EXTERIOR WALLS.
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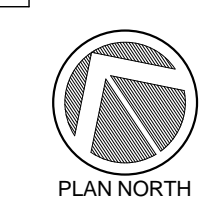
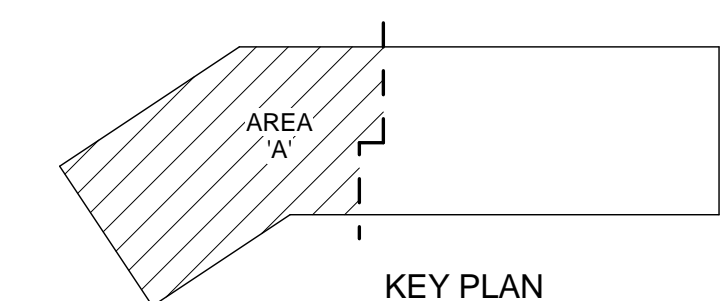
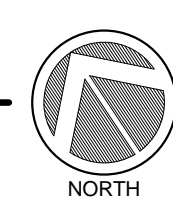
Red Wing, MN

Third Floor Framing Plan -  
Area A

**S106**

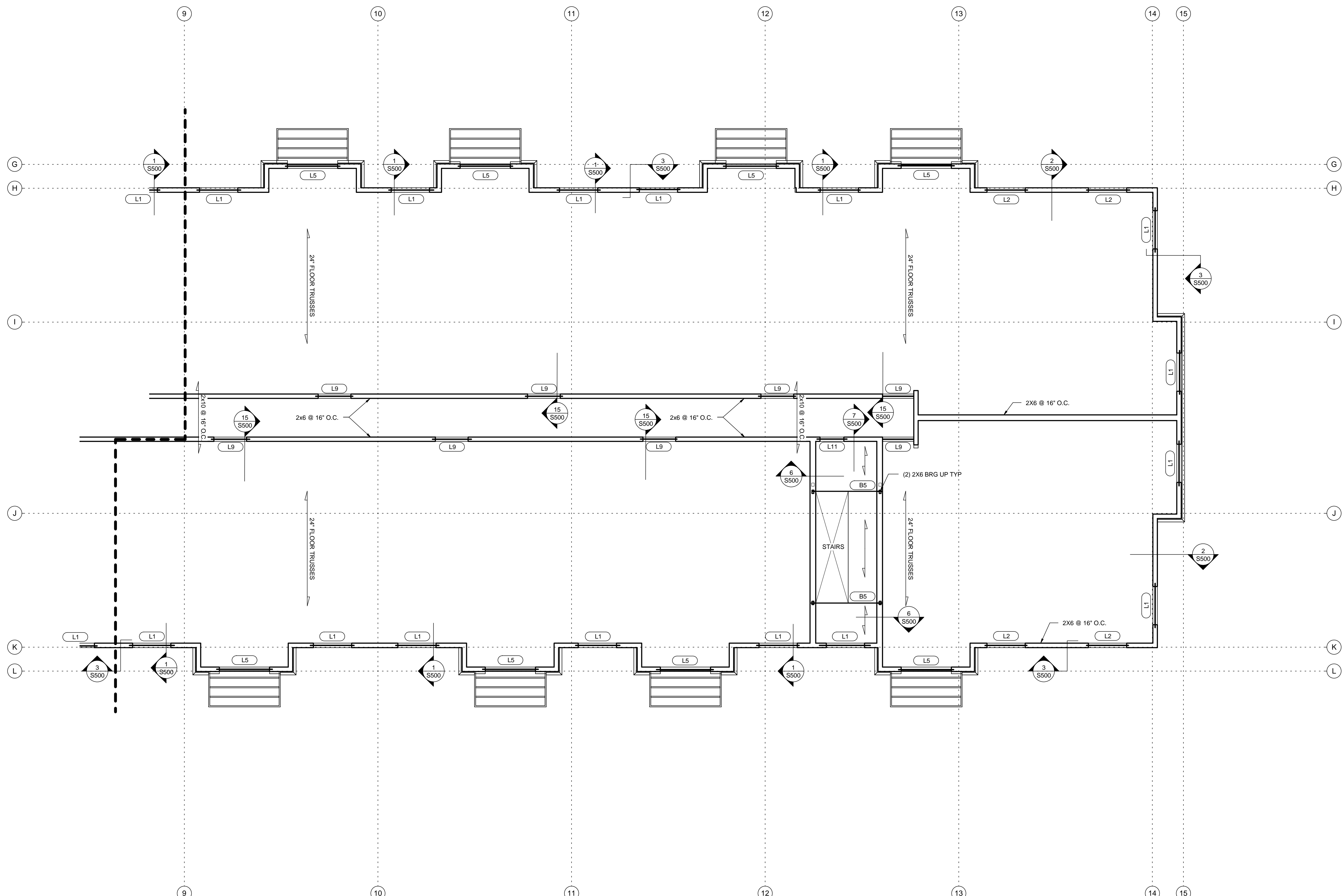
75% REVIEW - PRELIMINARY - NOT FOR CONSTRUCTION

1 THIRD FLOOR FRAMING PLAN - AREA 'A'  
S106 SCALE: 1/8" = 1'-0"



GENERAL NOTES:

- 1ST FLOOR TOP OF PLANK = 100'-0"
- 2ND FLOOR TOP OF SHEATHING = 111'-1 7/8"
- 3RD FLOOR TOP OF SHEATHING = 121'-3 3/4"
- 4TH FLOOR TOP OF SHEATHING = 131'-5 5/8"
- FLOOR SHEATHING TO BE 3/4" TONGUE AND GROOVE PLYWOOD GLUED AND NAILED. SEE SPECIFICATIONS.
- ALL FLOOR AREA TO HAVE 3/4" GYPCRETE, UNLESS NOTED OTHERWISE. SEE ARCHITECTURAL.
- PROVIDE BRIDGING FOR FLOOR TRUSSES ACCORDING TO MANUFACTURER'S RECOMMENDATION.
- DIMENSIONAL LUMBER FLOOR JOISTS TO HAVE BRIDGING AT INTERVALS NOT TO EXCEED 8'-0".
- SEE ARCH FOR ALL OPENING SIZES AND LOCATIONS.
- ALL INTERIOR STEEL BEAMS TO HAVE 2x WOOD TOP PLATES WITH 1/2" DIA THROUGH BOLTS AT 48" O.C. STAGGERED.
- COORDINATE ALL TRUSSES WITH PLUMBING LOCATIONS.
- ALL TRUSSES AND/OR ENGINEERED FLOORS TO BE DESIGNED FOR:
  - LIVE LOAD DEFLECTION OF L-- FOR RESIDENT UNITS.
  - LIVE LOAD DEFLECTION OF L-- FOR 100 PSF LOAD AREAS.
- ADJUST TRUSS SPACING AS NECESSARY FOR LOAD AND DEFLECTION REQUIREMENTS (MAX 24" O.C.)
- SEE DETAIL -S502 FOR CONTINUOUS BLOCKING REQUIREMENTS IN TRUSS SPACE.
- PROVIDE CONT 2x12 RIBBON AT INTERIOR CORRIDOR.
- PROVIDE CONT 2x6 RIBBON AT EXTERIOR WALLS.
- SEE SHEET S001 FOR IBC NAILING SCHEDULE.
- SEE SHEET S001 FOR SCHEDULES AND ABBREVIATIONS.
- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.



I hereby certify that this plan, specification or report was prepared by me or under my direct supervision & that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

Signature: \_\_\_\_\_  
 Printed name: Kesh Ramdular  
 License no.: 16256  
 Date: 06/17/16

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Project no: 1602  
 Drawn by: SR, BW, BZ  
 Checked by: DAS  
 Date: 06/17/16  
 Revisions:



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New Apartment Complex:

**Rivers Ridge  
 Luxury  
 Apartments**

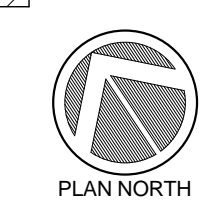
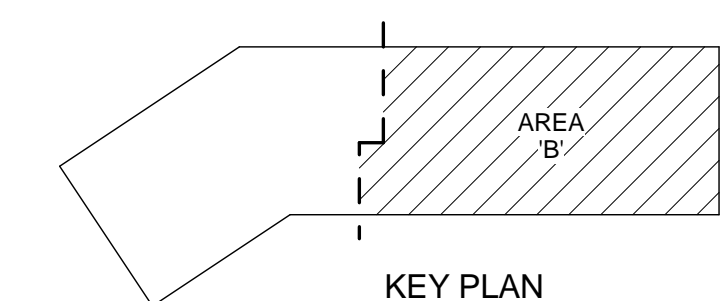
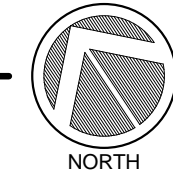
Red Wing, MN

Third Floor Framing Plan -  
 Area B

**S107**

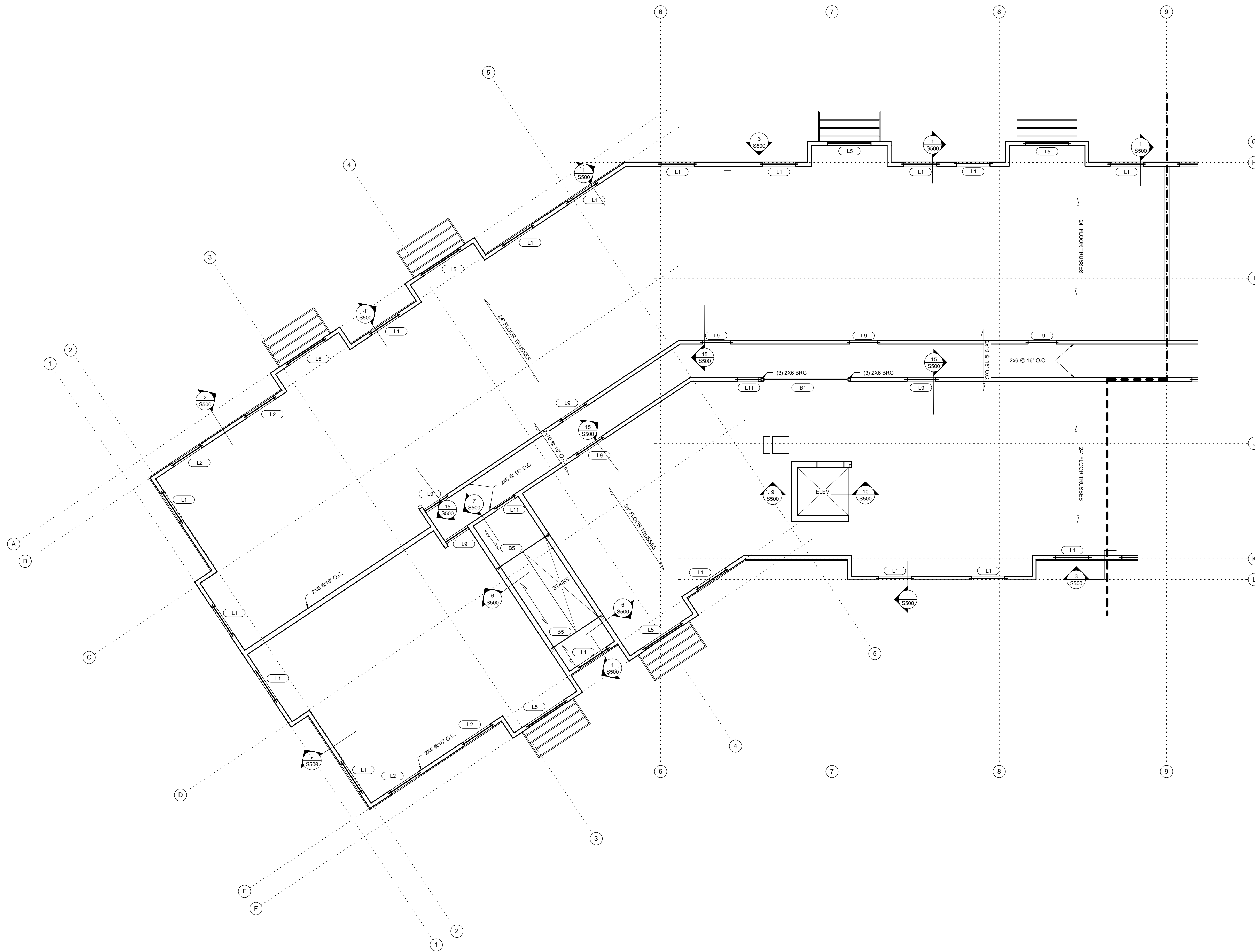
75% REVIEW - PRELIMINARY - NOT FOR CONSTRUCTION

1 THIRD FLOOR FRAMING PLAN - AREA 'B'  
 S107 SCALE: 1/8" = 1'-0"



GENERAL NOTES:

- 1ST FLOOR TOP OF PLANK = 100' - 0"
  - 2ND FLOOR TOP OF SHEATHING = 111' - 1 7/8"
  - 3RD FLOOR TOP OF SHEATHING = 121' - 3 3/4"
  - 4TH FLOOR TOP OF SHEATHING = 131' - 5 5/8"
- FLOOR SHEATHING TO BE 3/4" TONGUE AND GROOVE PLYWOOD GLUED AND NAILED. SEE SPECIFICATIONS.
  - ALL FLOOR AREA TO HAVE 3/4" GYPCRETE, UNLESS NOTED OTHERWISE. SEE ARCHITECTURAL.
  - PROVIDE BRIDGING FOR FLOOR TRUSSES ACCORDING TO MANUFACTURER'S RECOMMENDATION.
  - DIMENSIONAL LUMBER FLOOR JOISTS TO HAVE BRIDGING AT INTERVALS NOT TO EXCEED 8' - 0".
  - SEE ARCH FOR ALL OPENING SIZES AND LOCATIONS.
  - ALL INTERIOR STEEL BEAMS TO HAVE 2x WOOD TOP PLATES WITH 1/2" DIA THROUGH BOLTS AT 48" O.C. STAGGERED.
  - COORDINATE ALL TRUSSES WITH PLUMBING LOCATIONS.
  - ALL TRUSSES AND/OR ENGINEERED FLOORS TO BE DESIGNED FOR:
    - LIVE LOAD DEFLECTION OF L-- FOR RESIDENT UNITS.
    - LIVE LOAD DEFLECTION OF L-- FOR 100 PSF LOAD AREAS.
  - ADJUST TRUSS SPACING AS NECESSARY FOR LOAD AND DEFLECTION REQUIREMENTS (MAX 24" O.C.)
  - SEE DETAIL -S502 FOR CONTINUOUS BLOCKING REQUIREMENTS IN TRUSS SPACE.
  - PROVIDE CONT 2x12 RIBBON AT INTERIOR CORRIDOR.
  - PROVIDE CONT 2x6 RIBBON AT EXTERIOR WALLS.
  - SEE SHEET S001 FOR IBC NAILING SCHEDULE.
  - SEE SHEET S001 FOR SCHEDULES AND ABBREVIATIONS.
  - VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.



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Signature: \_\_\_\_\_  
 Printed name: Kesh Ramdular  
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New Apartment Complex:

**Rivers Ridge  
 Luxury  
 Apartments**

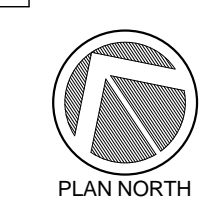
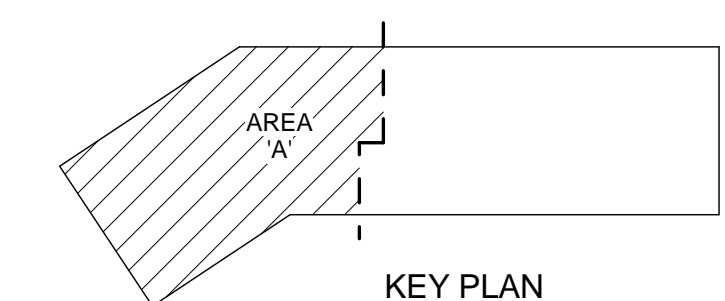
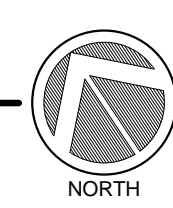
Red Wing, MN

Fourth Floor Framing Plan -  
 Area A

**S108**

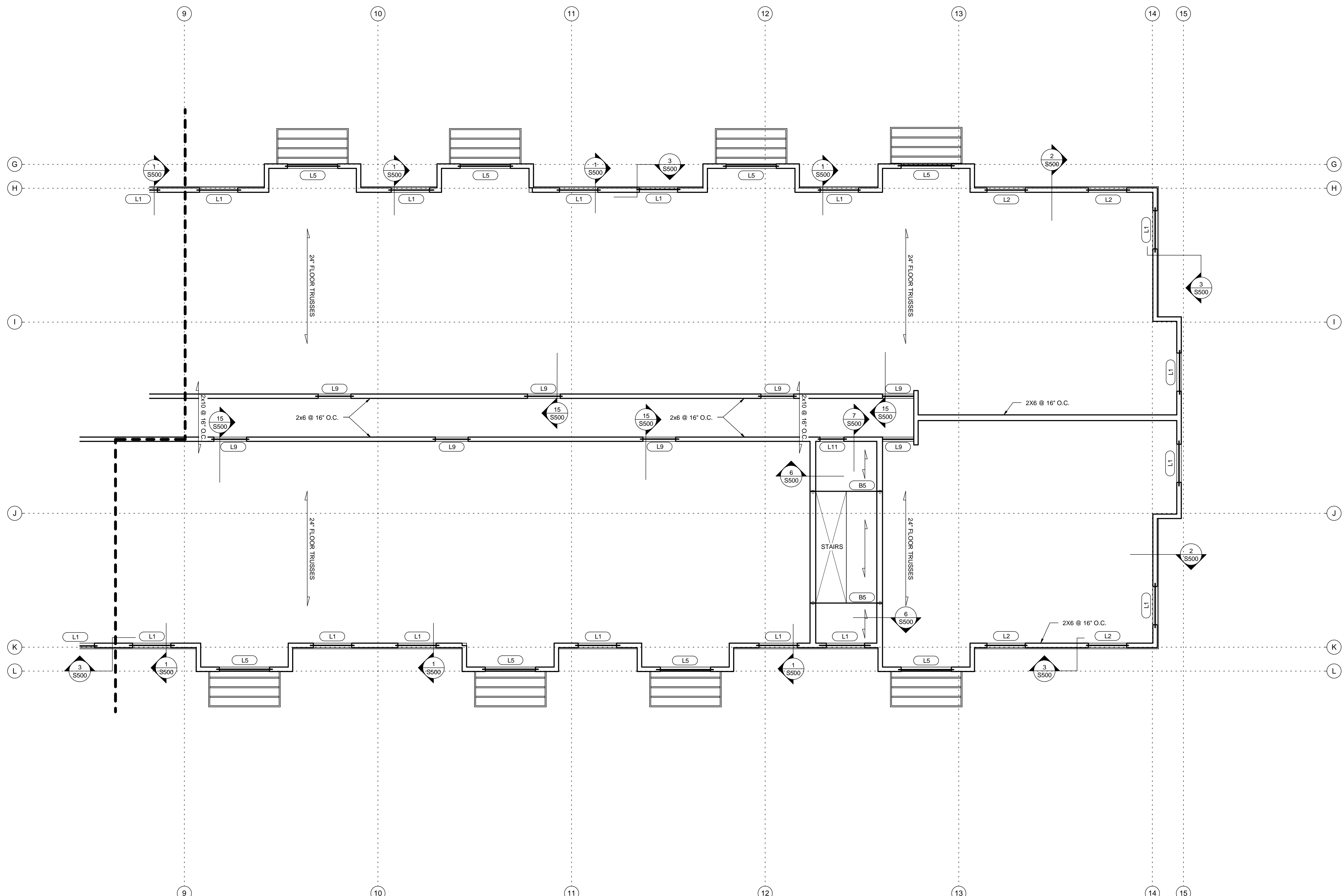
75% REVIEW - PRELIMINARY - NOT FOR CONSTRUCTION

1 FOURTH FLOOR FRAMING PLAN - AREA A  
 S108 SCALE: 1/8" = 1'-0"



GENERAL NOTES:

- 1ST FLOOR TOP OF PLANK = 100'-0"  
2ND FLOOR TOP OF SHEATHING = 111'-1 7/8"  
3RD FLOOR TOP OF SHEATHING = 121'-3 3/4"  
4TH FLOOR TOP OF SHEATHING = 131'-5 5/8"
- FLOOR SHEATHING TO BE 3/4" TONGUE AND GROOVE PLYWOOD GLUED AND NAILED. SEE SPECIFICATIONS.
- ALL FLOOR AREA TO HAVE 3/4" GYPCRETE, UNLESS NOTED OTHERWISE. SEE ARCHITECTURAL.
- PROVIDE BRIDGING FOR FLOOR TRUSSES ACCORDING TO MANUFACTURER'S RECOMMENDATION.
- DIMENSIONAL LUMBER FLOOR JOISTS TO HAVE BRIDGING AT INTERVALS NOT TO EXCEED 8'-0".
- SEE ARCH FOR ALL OPENING SIZES AND LOCATIONS.
- ALL INTERIOR STEEL BEAMS TO HAVE 2x WOOD TOP PLATES WITH 1/2" DIA THROUGH BOLTS AT 48" O.C. STAGGERED.
- COORDINATE ALL TRUSSES WITH PLUMBING LOCATIONS.
- ALL TRUSSES AND/OR ENGINEERED FLOORS TO BE DESIGNED FOR:  
a. LIVE LOAD DEFLECTION OF L-- FOR RESIDENTIAL UNITS.  
b. LIVE LOAD DEFLECTION OF L-- FOR 100 PSF LOAD AREAS.
- ADJUST TRUSS SPACING AS NECESSARY FOR LOAD AND DEFLECTION REQUIREMENTS (MAX 24" O.C.)
- SEE DETAIL -ISS02 FOR CONTINUOUS BLOCKING REQUIREMENTS IN TRUSS SPACE.
- PROVIDE CONT 2x12 RIBBON AT INTERIOR CORRIDOR.
- PROVIDE CONT 2x6 RIBBON AT EXTERIOR WALLS.
- SEE SHEET S001 FOR IBC NAILING SCHEDULE.
- SEE SHEET S001 FOR SCHEDULES AND ABBREVIATIONS.
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New Apartment Complex:

**Rivers Ridge  
Luxury  
Apartments**

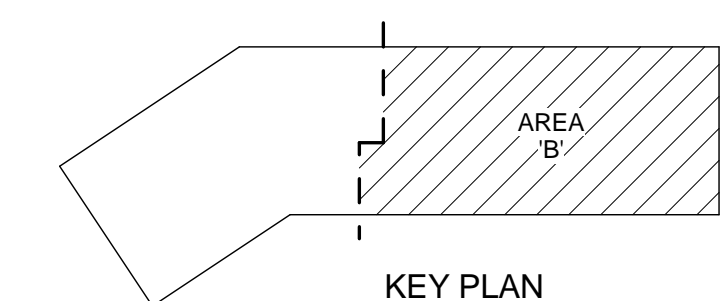
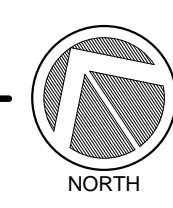
Red Wing, MN

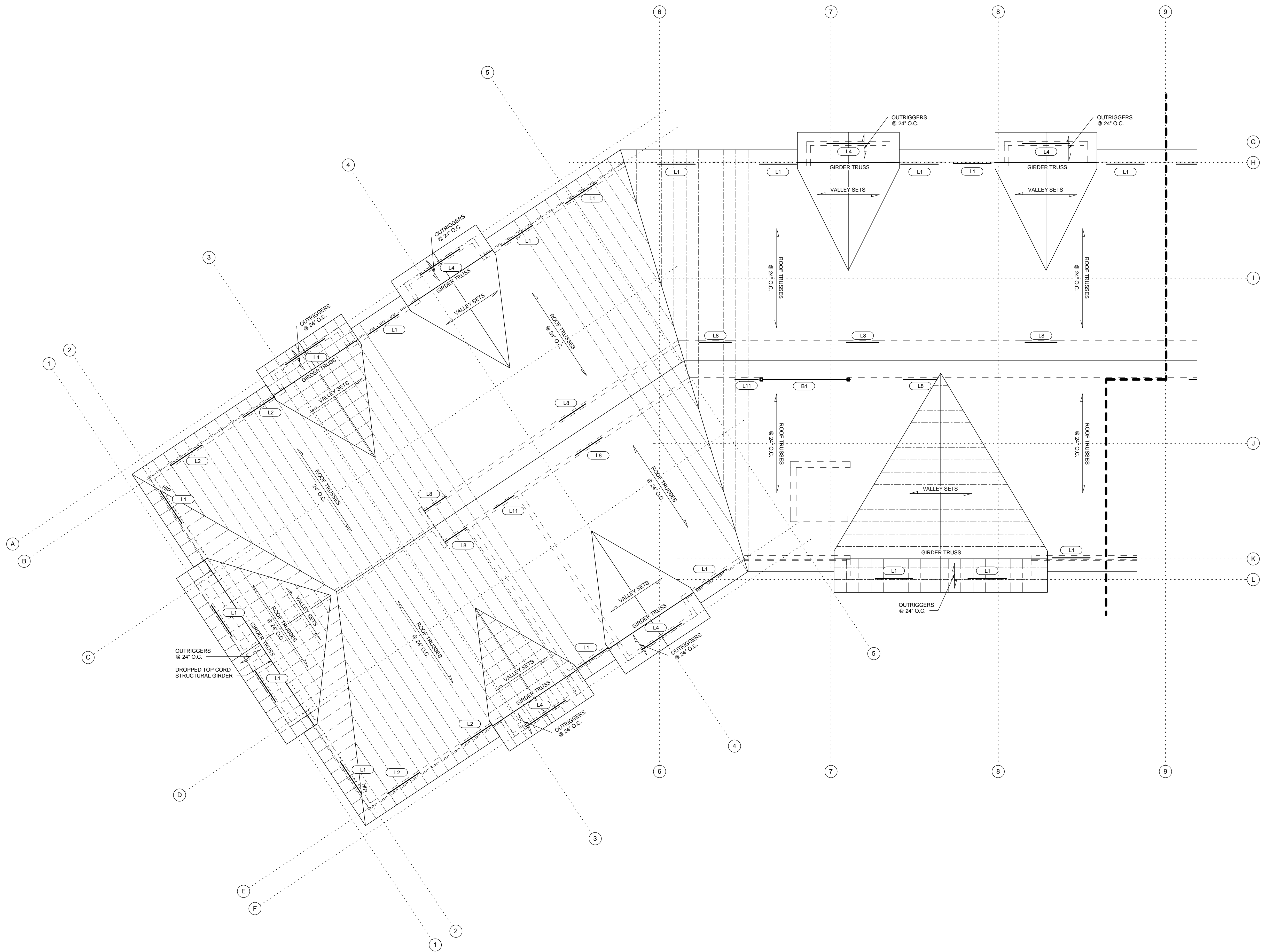
Fourth Floor Framing Plan -  
Area B

**S109**

75% REVIEW - PRELIMINARY - NOT FOR CONSTRUCTION

**1** FOURTH FLOOR FRAMING PLAN - AREA 'B'  
S109 SCALE: 1/8" = 1'-0"





- GENERAL NOTES:**
1. TRUSS BEARING = 139' - 6 3/4", UNLESS NOTED OTHERWISE.
  2. PROVIDE BRIDGING FOR ROOF TRUSSES ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
  3. DIMENSIONAL LUMBER ROOF JOISTS TO HAVE BRIDGING AT INTERVALS NOT TO EXCEED 8' - 0".
  4. TIE NON-BEARING WALLS TO BOTTOM CHORD OF ROOF TRUSS AT 3' - 0" O.C.
  5. ALL BEARING STUDS AT GIRDERS AND OPENINGS CONTINUOUS DOWN TO THE FOUNDATION.
  6. ROOF SHEATHING CONTINUOUS UNDER ALL VALLEY SETS.
  7. ROOF SHEATHING TO BE 1/2" APA RATED SHEATHING. SEE DETAIL -SS02 FOR NAILING PATTERN.
  8. END JOINT OF SHEATHING SHALL BE STAGGERED AND NAILING PATTERN SHALL BE ACCORDING TO THE IRC. SEE SHEET S001 FOR IBC NAILING SCHEDULE.
  9. PLYWOOD CLIPS SHALL BE USED WHEN SUPPORTING MEMBERS ARE SPACED GREATER THAN 16' O.C.
  10. SEE ARCHITECTURAL DRAWINGS FOR ATTIC ACCESS OPENING AND WALL SEPARATION LOCATIONS.
  11. SEE ARCHITECTURAL DRAWINGS FOR ROOF SLOPES.
  12. VERIFY ALL OVERHANG AND EAVE CONDITIONS WITH ARCHITECTURAL DRAWINGS.
  13. SEE SHEET S001 FOR SCHEDULES AND ABBREVIATIONS.
  14. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.

**REVISION SCHEDULE**

NO.	DESCRIPTION
-----	-------------

**Larson Engineering, Inc.**  
 3524 Labore Road  
 White Bear Lake, MN 55110-5126  
 651.481.9120 Fax: 651.481.9001  
 www.larsonengr.com

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision & that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Signature: \_\_\_\_\_  
 Printed name: Kesh Ramdular  
 License no.: 16256  
 Date: 06/17/16

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Project no: 1602  
 Drawn by: SR, BW, BZ  
 Checked by: DAS  
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 Revisions:

**hma ARCHITECTS**

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New Apartment Complex:

**Rivers Ridge  
 Luxury  
 Apartments**

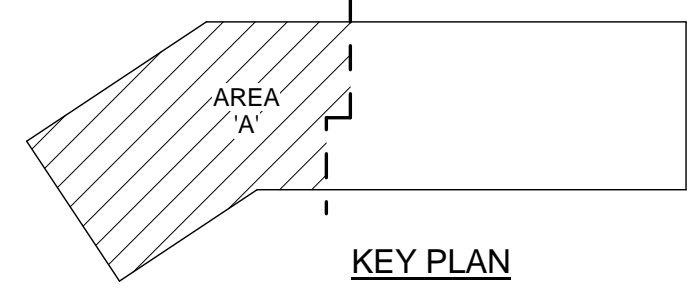
Red Wing, MN

Roof Framing Plan - Area A

**S110**

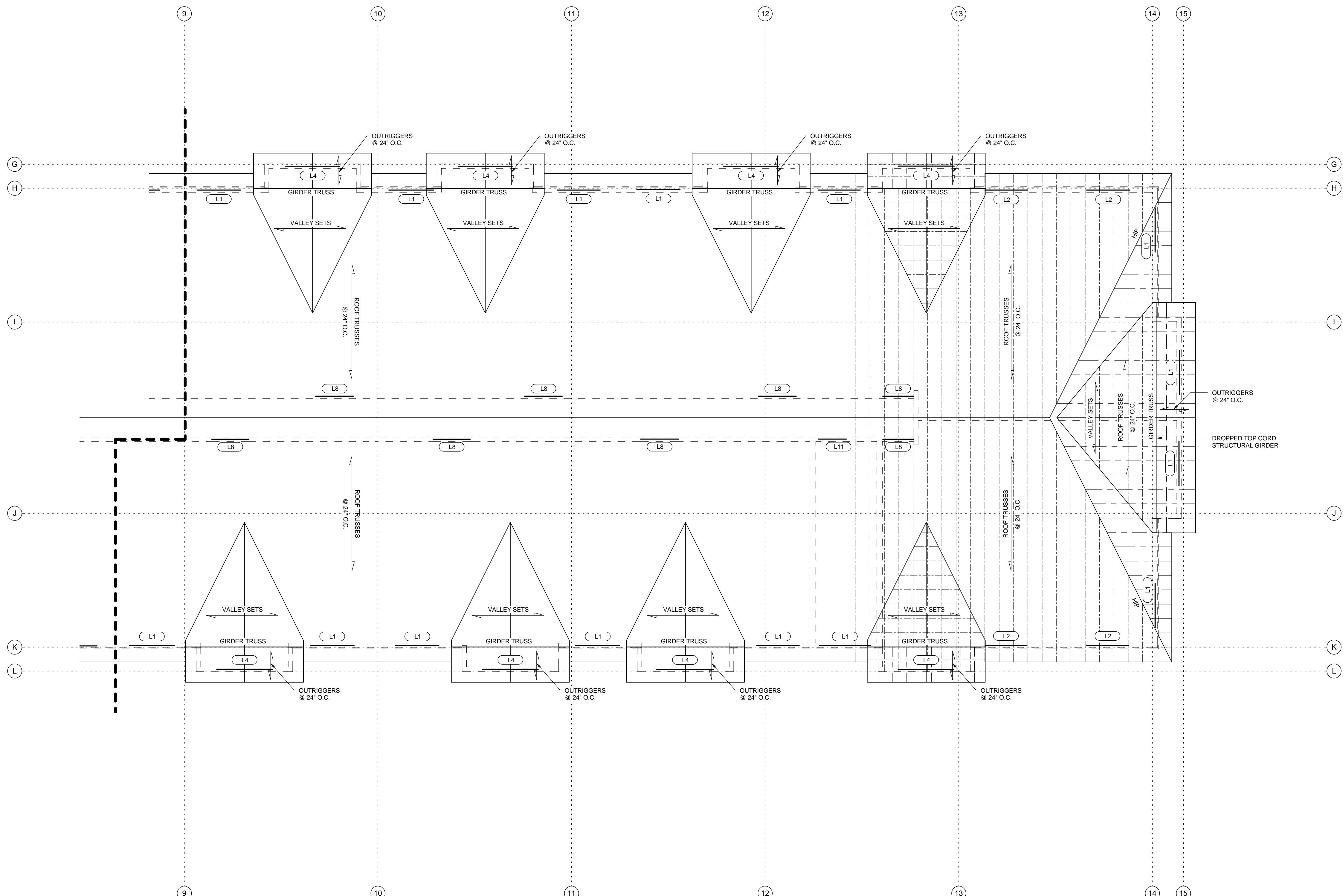
75% REVIEW - PRELIMINARY - NOT FOR CONSTRUCTION

1 ROOF FRAMING PLAN - AREA 'A'  
 S110 SCALE: 1/8" = 1'-0"



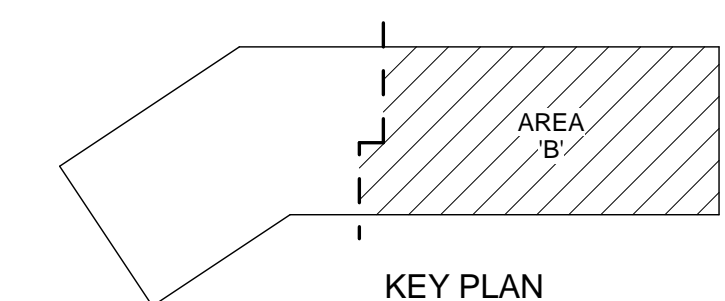
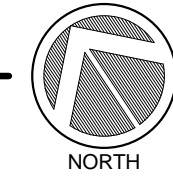
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- DIMENSIONAL LUMBER ROOF JOISTS TO HAVE BRIDGING AT INTERVALS NOT TO EXCEED 8' - 0".
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- ROOF SHEATHING CONTINUOUS UNDER ALL VALLEY SETS.
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- PLYWOOD CLIPS SHALL BE USED WHEN SUPPORTING MEMBERS ARE SPACED GREATER THAN 16' O.C.
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- SEE ARCHITECTURAL DRAWINGS FOR ROOF SLOPES.
- VERIFY ALL OVERHANG AND EAVE CONDITIONS WITH ARCHITECTURAL DRAWINGS.
- SEE SHEET S001 FOR SCHEDULES AND ABBREVIATIONS.
- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.



1 ROOF FRAMING PLAN - AREA 'B'

S111 SCALE: 1/8" = 1'-0"



KEY PLAN



**Larson Engineering, Inc.**  
 3524 Labore Road  
 White Bear Lake, MN 55110-5126  
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New Apartment Complex:

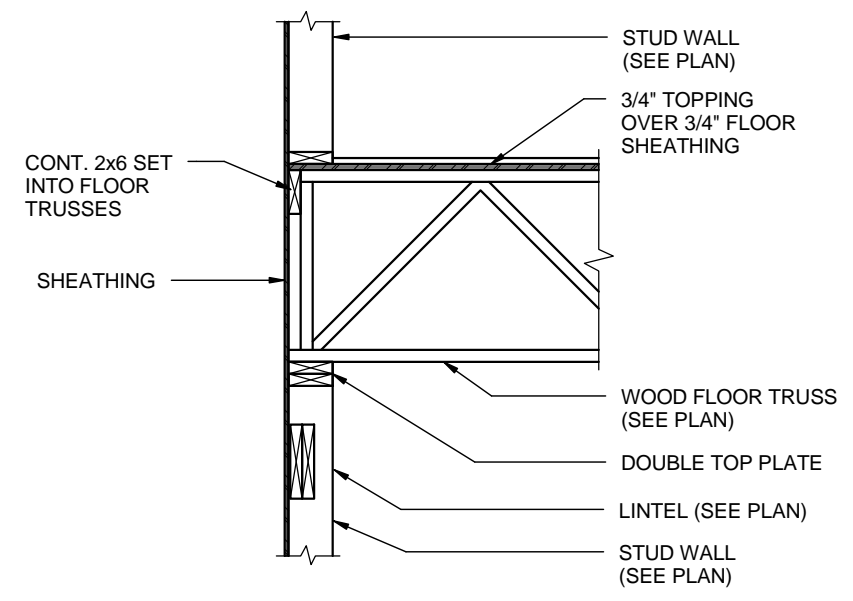
**Rivers Ridge  
 Luxury  
 Apartments**

Red Wing, MN

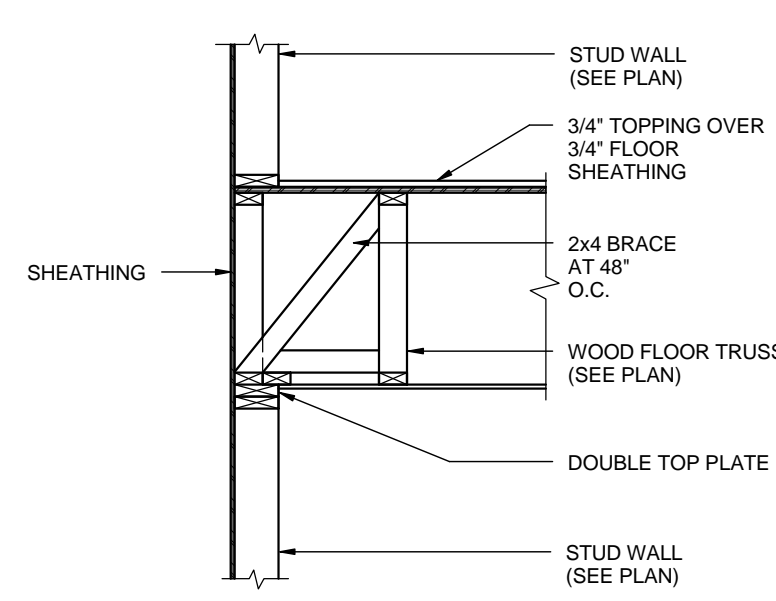
Roof Framing Plan - Area B

**S111**

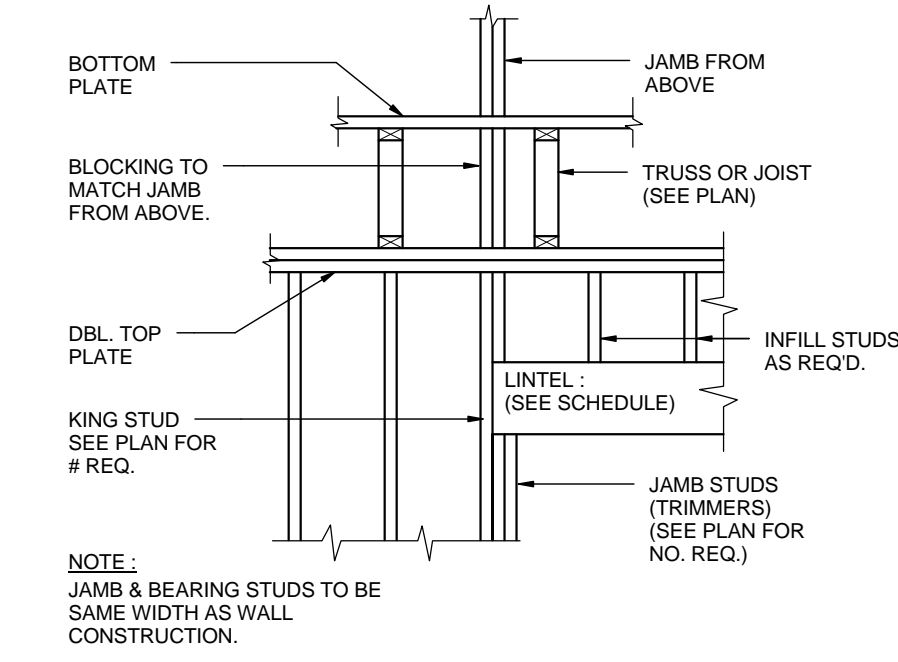
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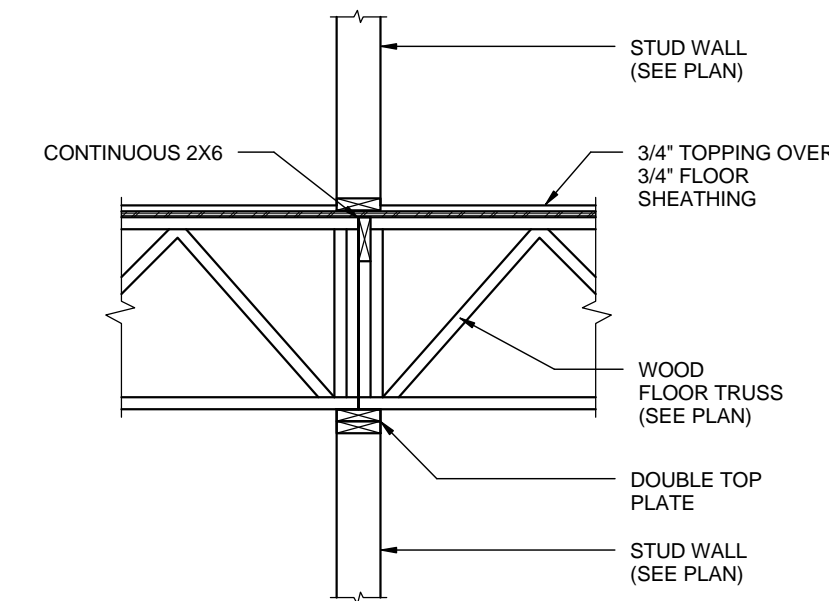
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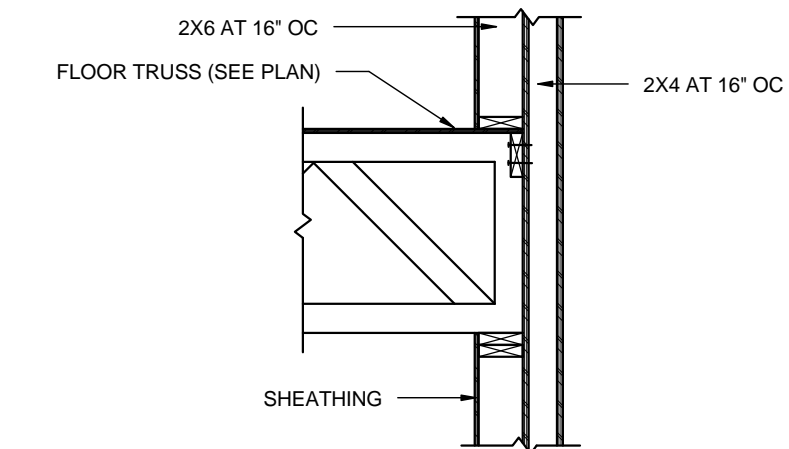
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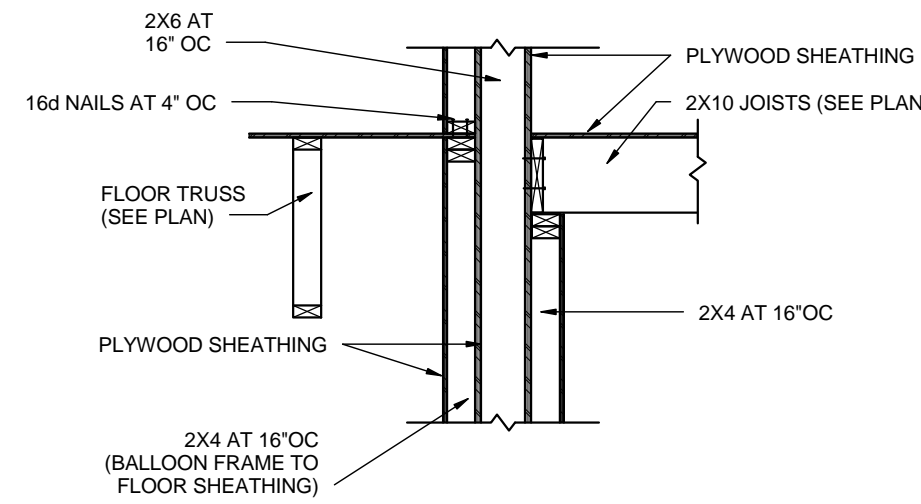
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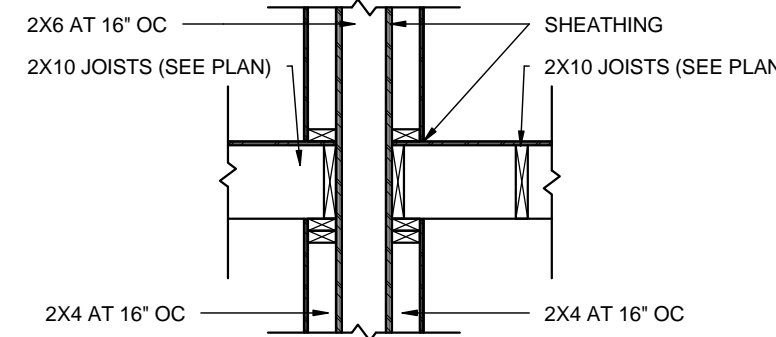
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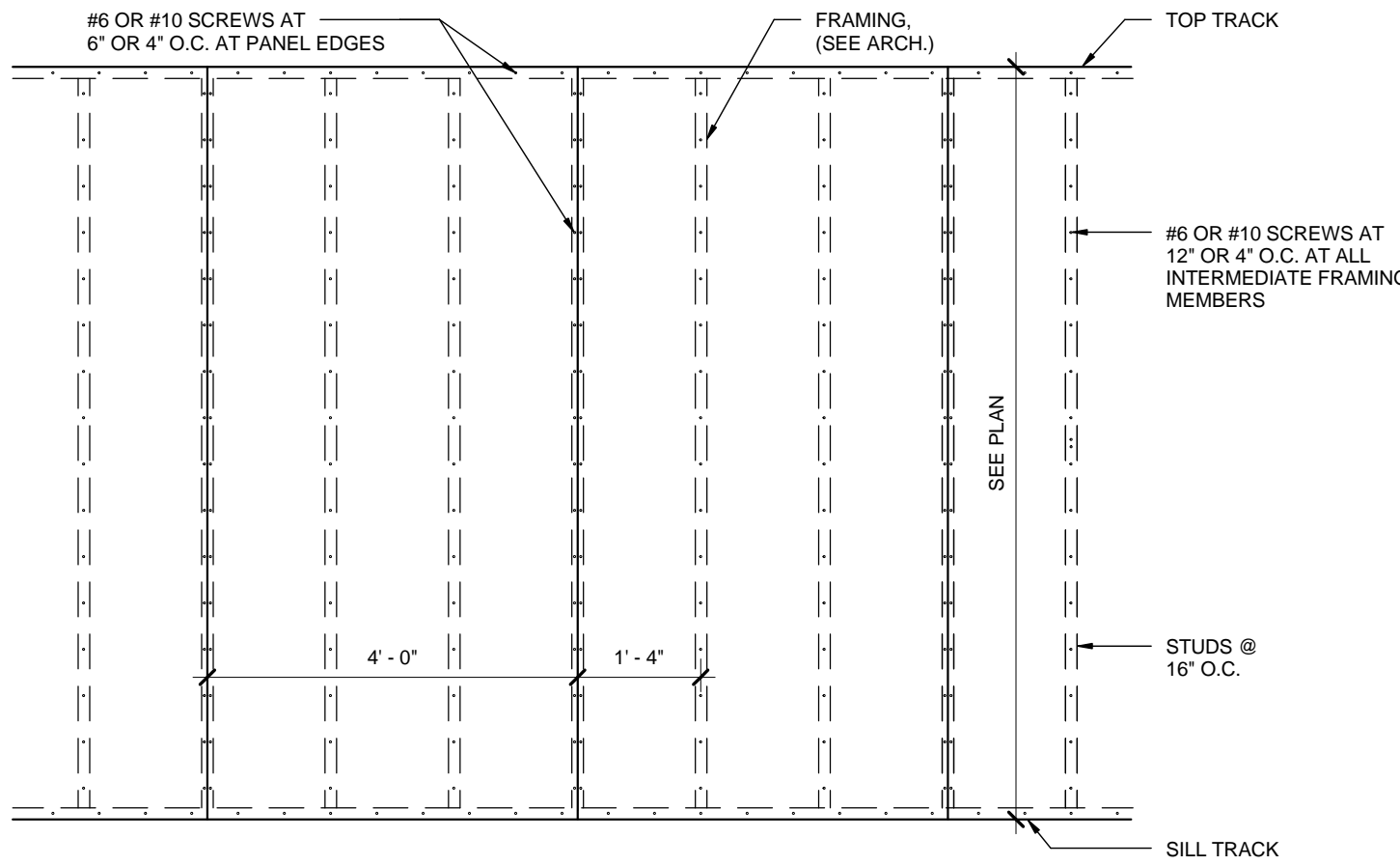
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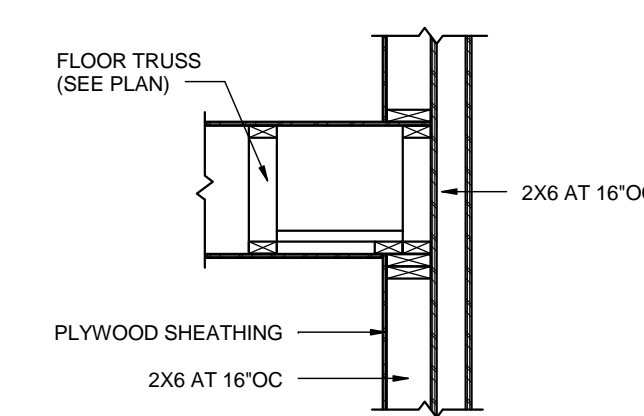
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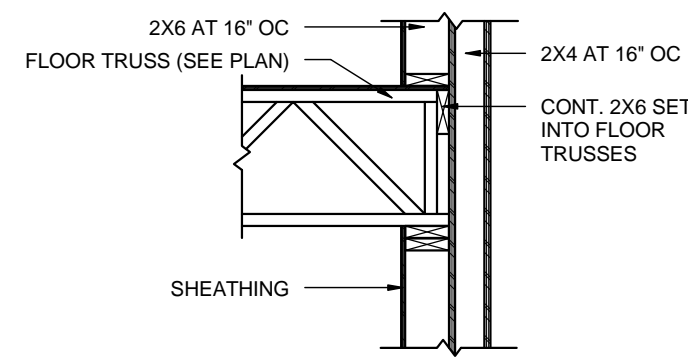
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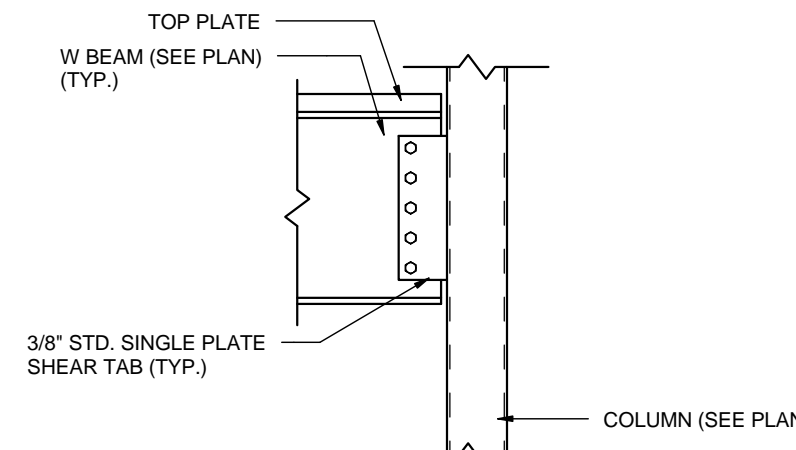
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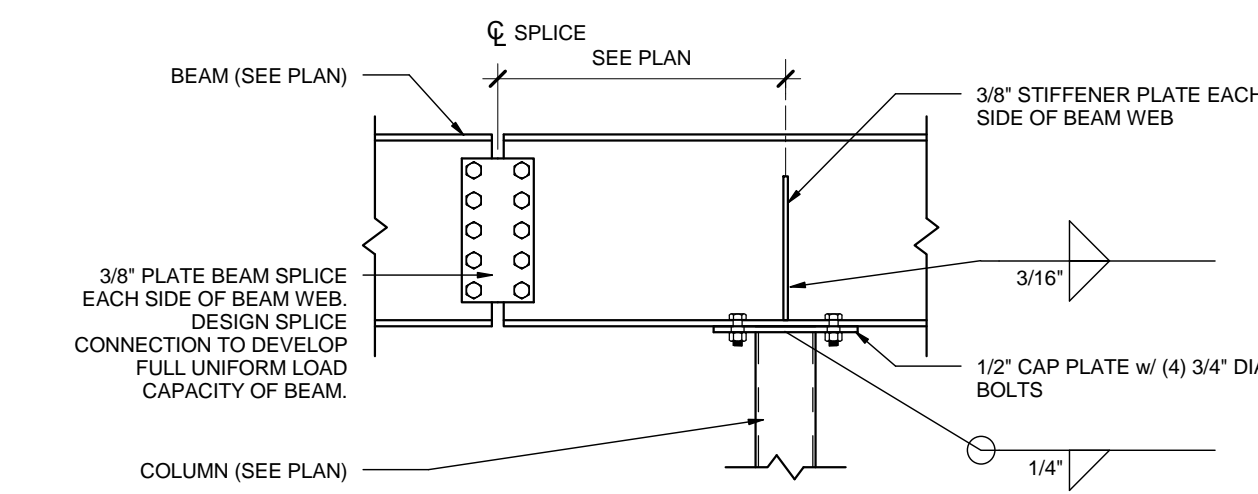
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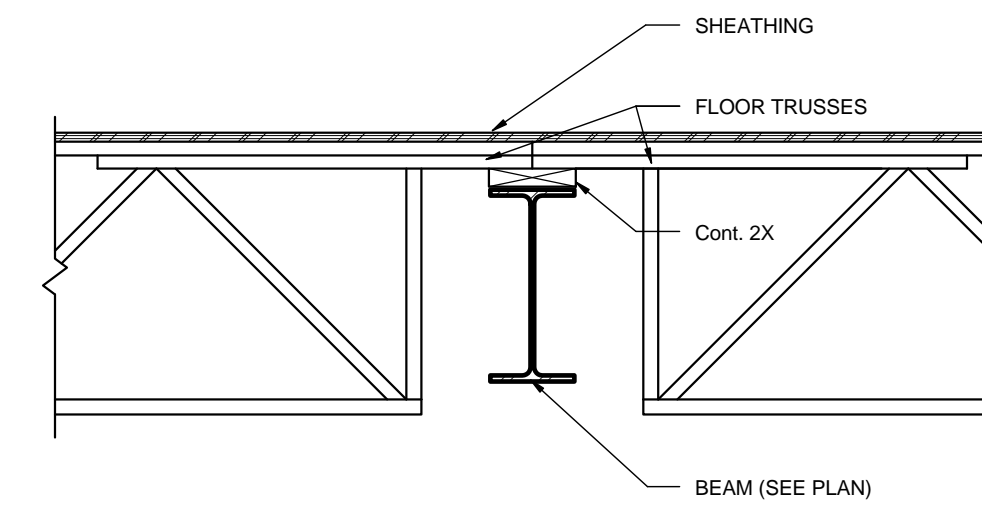
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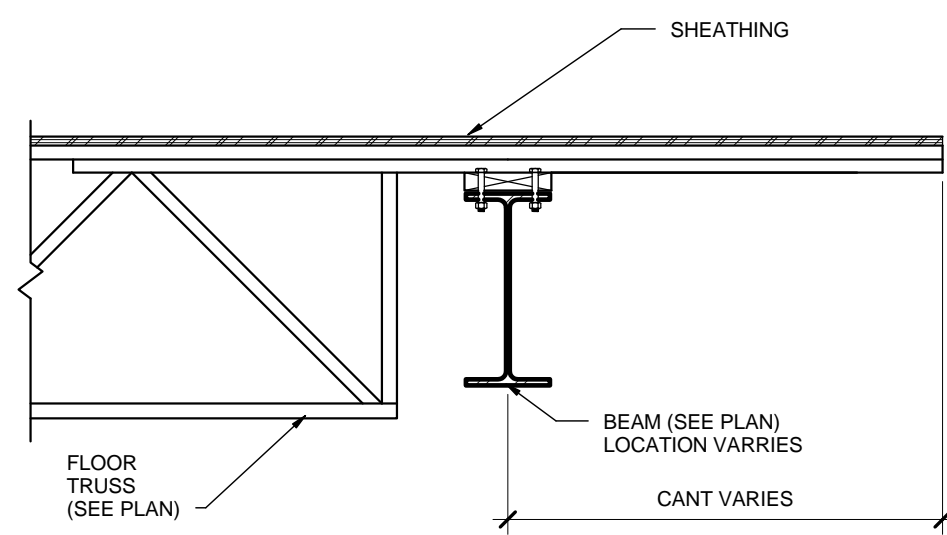
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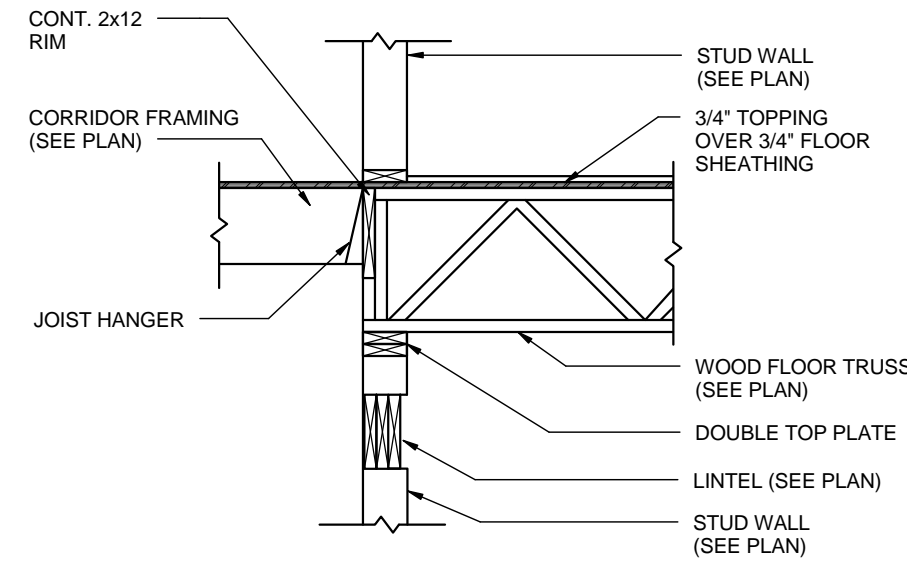
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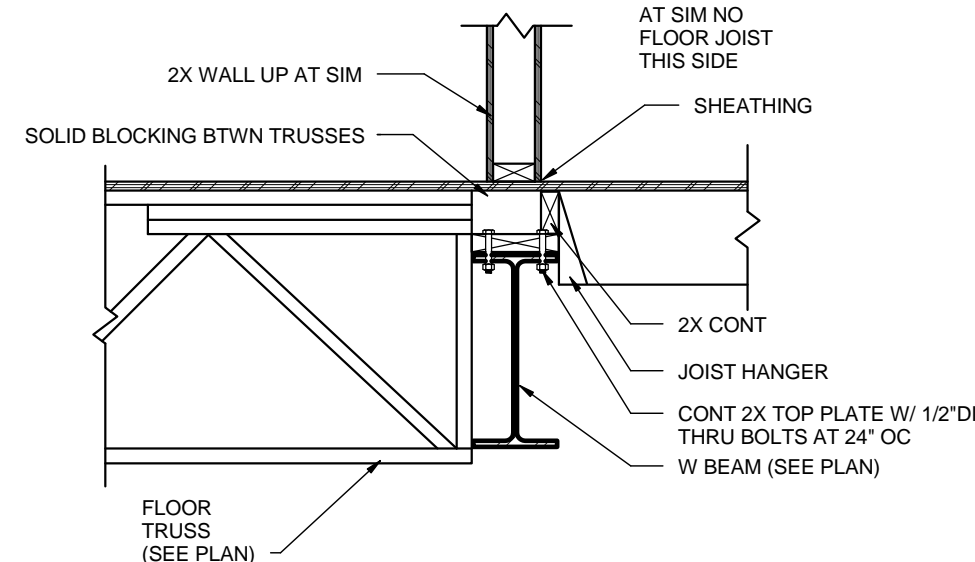
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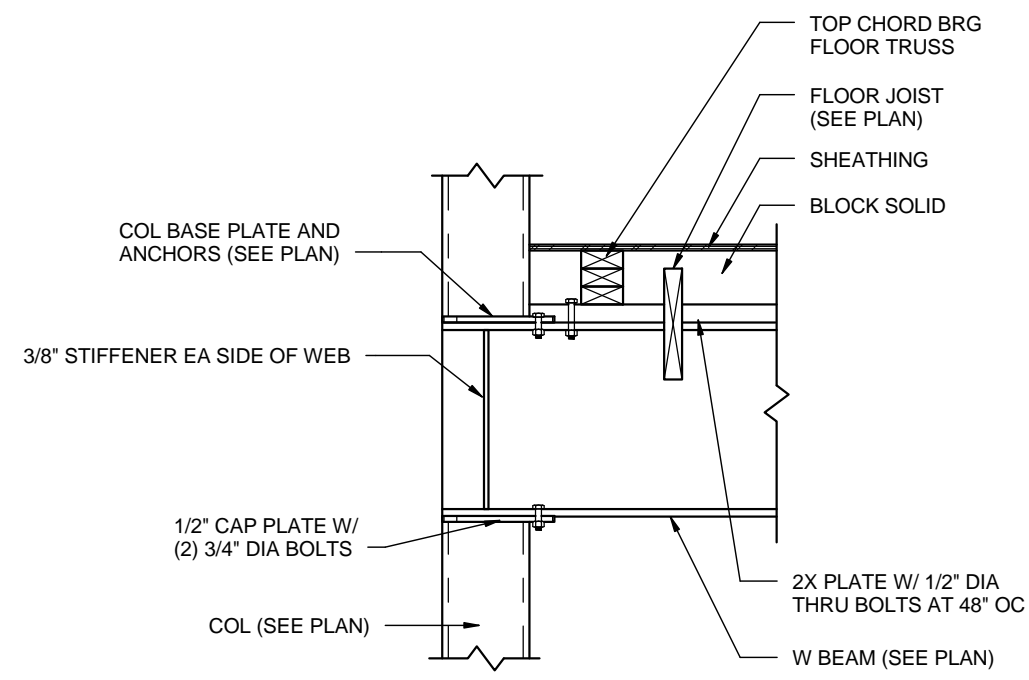
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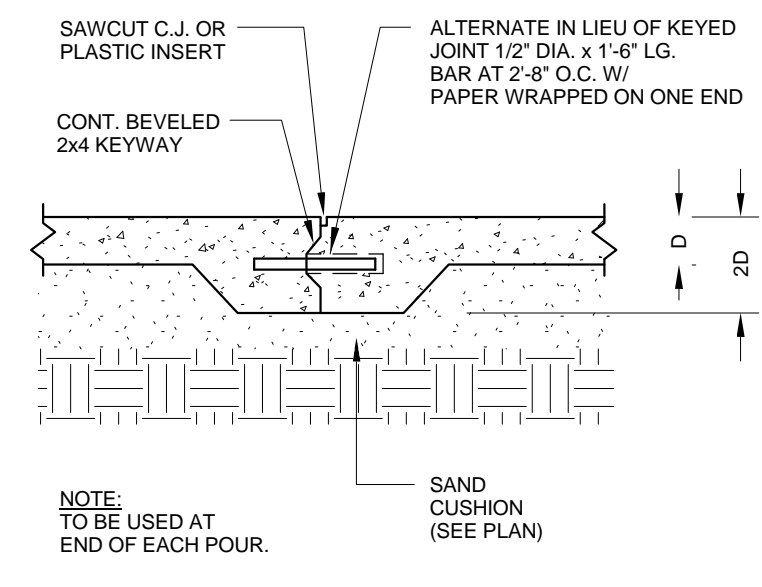
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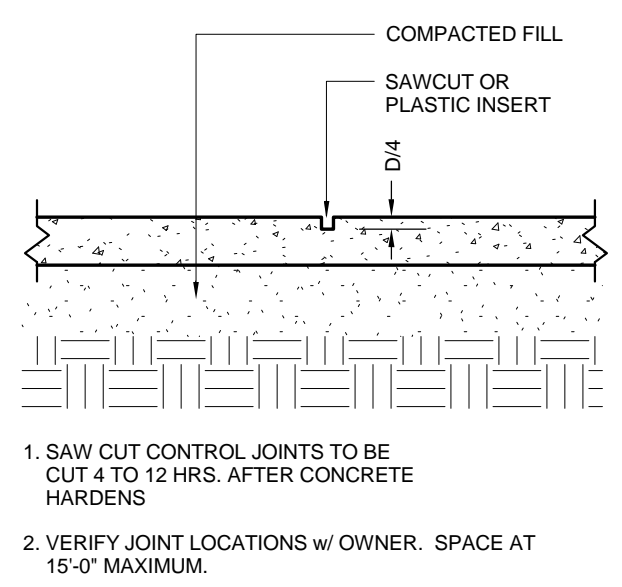
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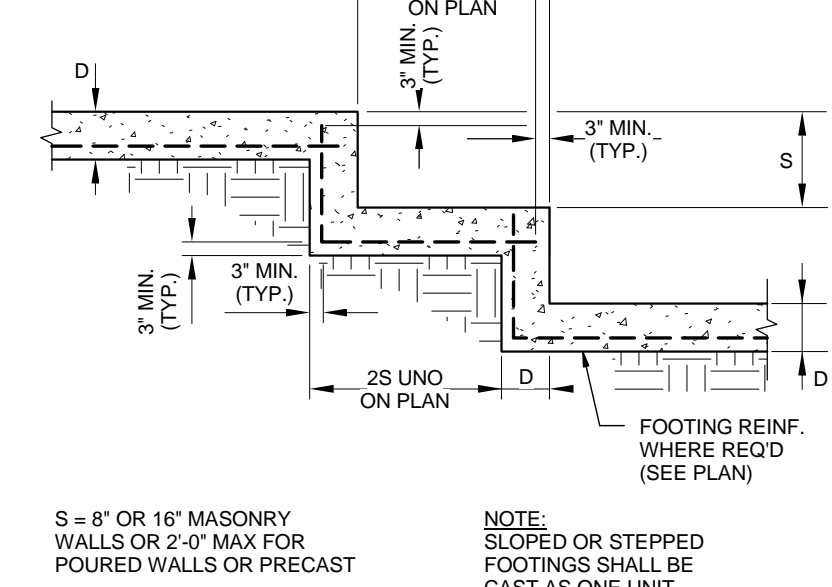
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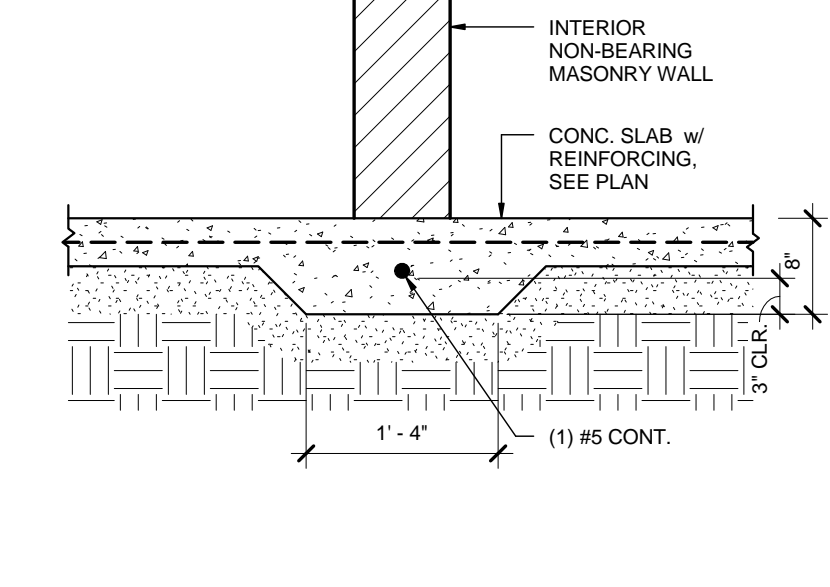
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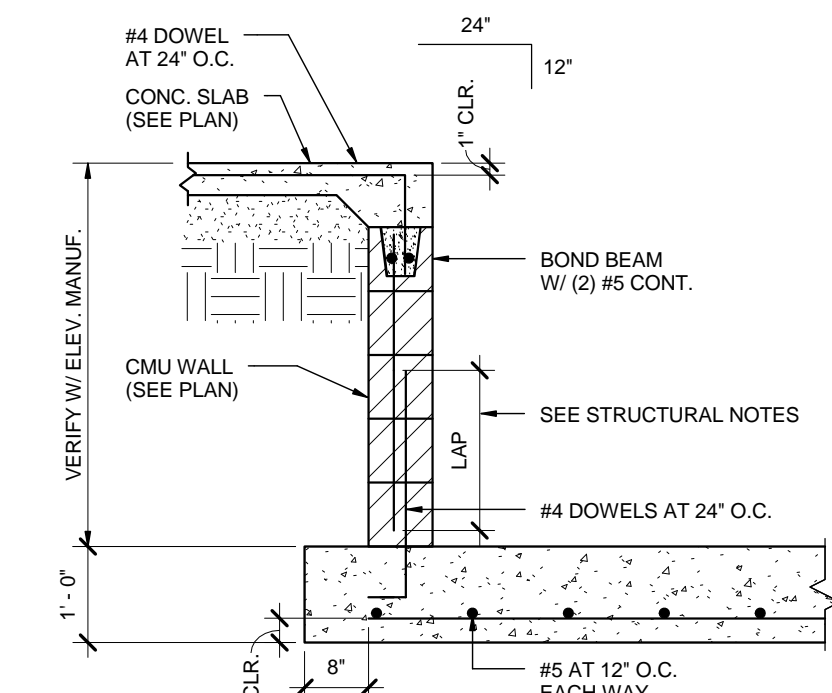
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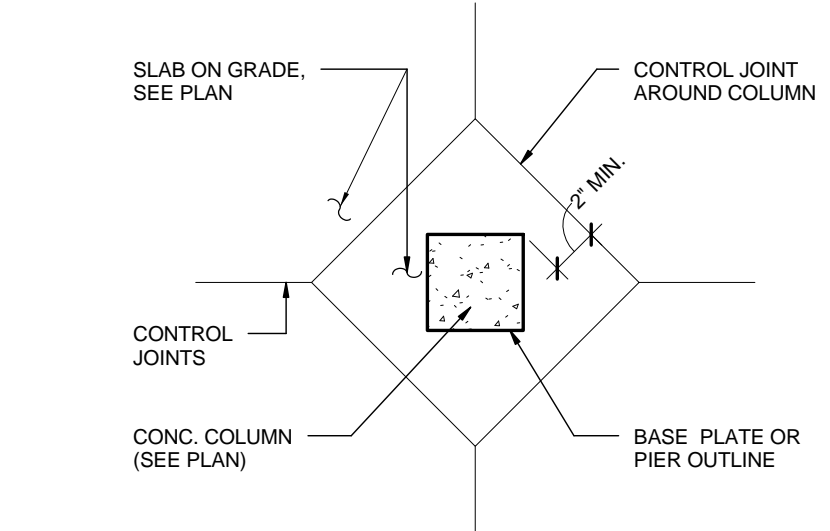
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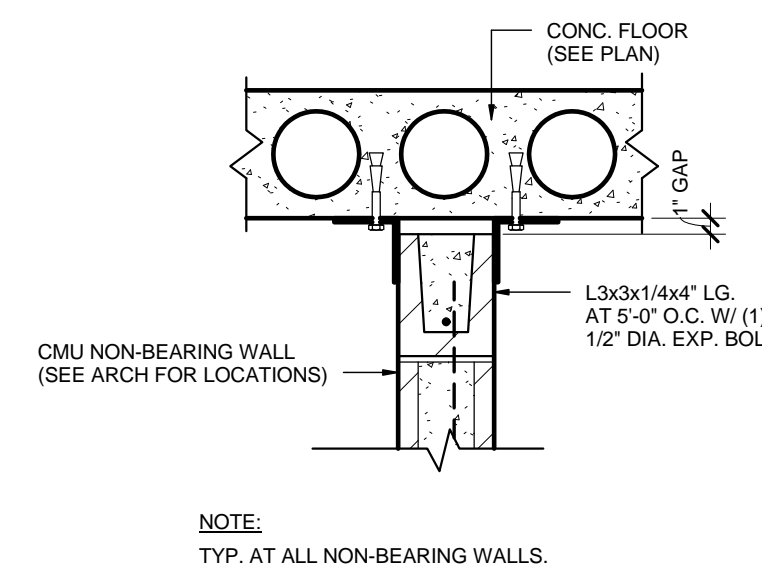
4 SECTION  
S501 SCALE: 3/4" = 1'-0"



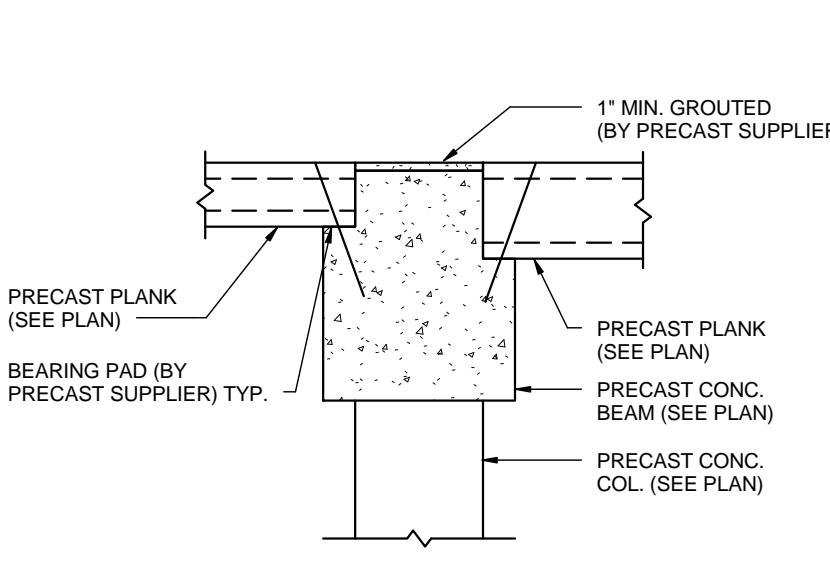
5 SECTION  
S501 SCALE: 1/2" = 1'-0"



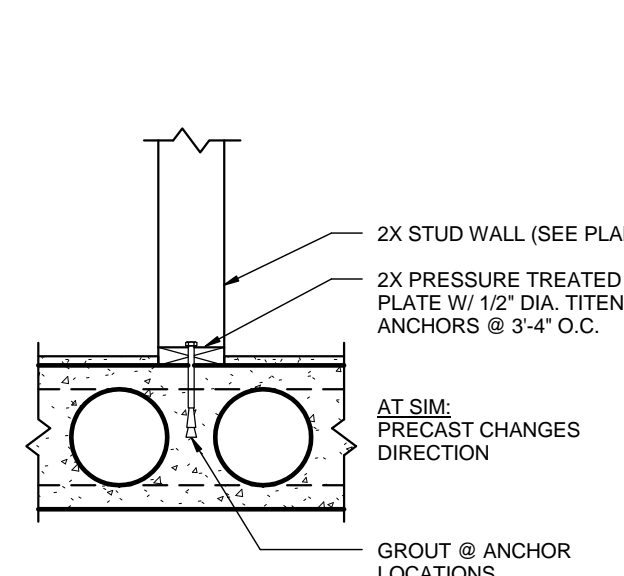
6 SECTION  
S501 SCALE: 3/4" = 1'-0"



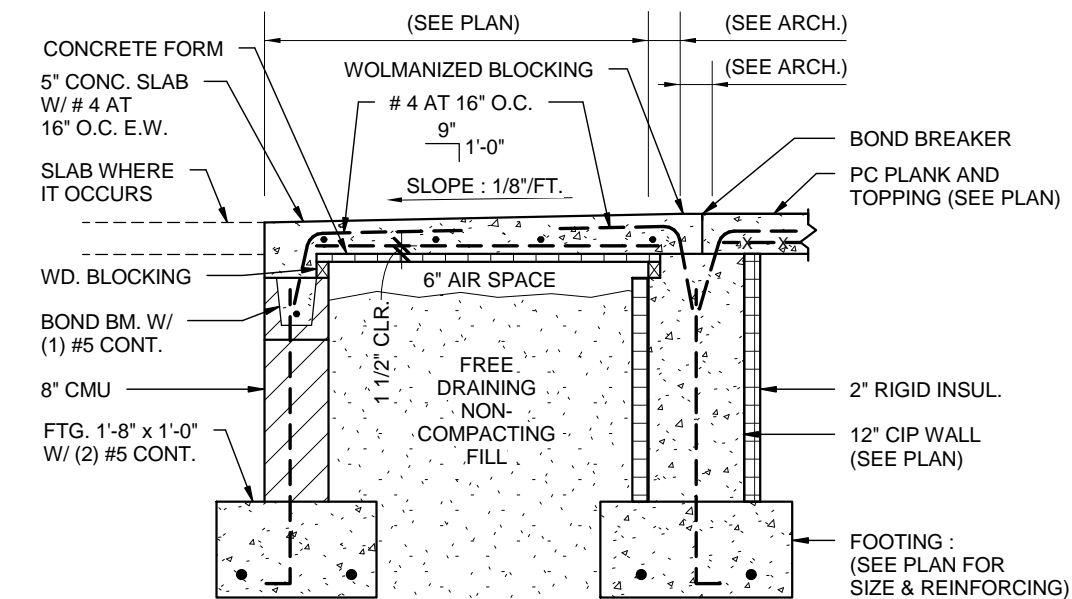
7 SECTION  
S501 SCALE: 1" = 1'-0"



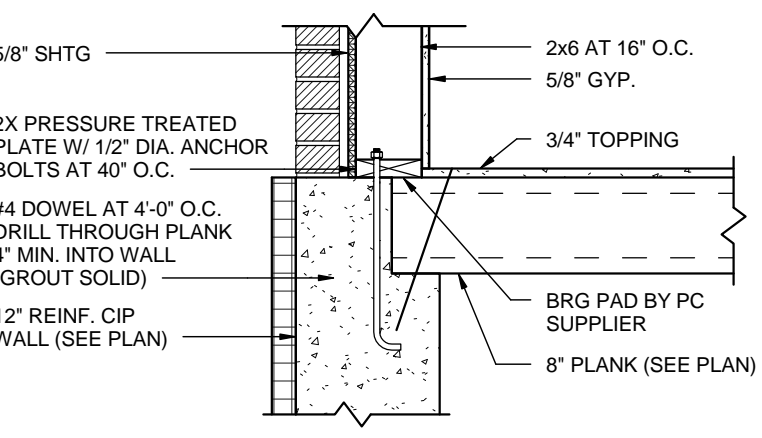
8 SECTION  
S501 SCALE: 1/2" = 1'-0"



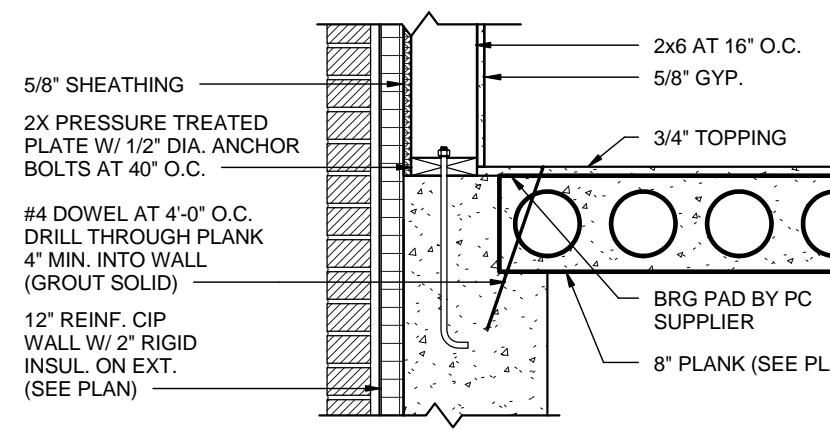
9 SECTION  
S501 SCALE: 3/4" = 1'-0"



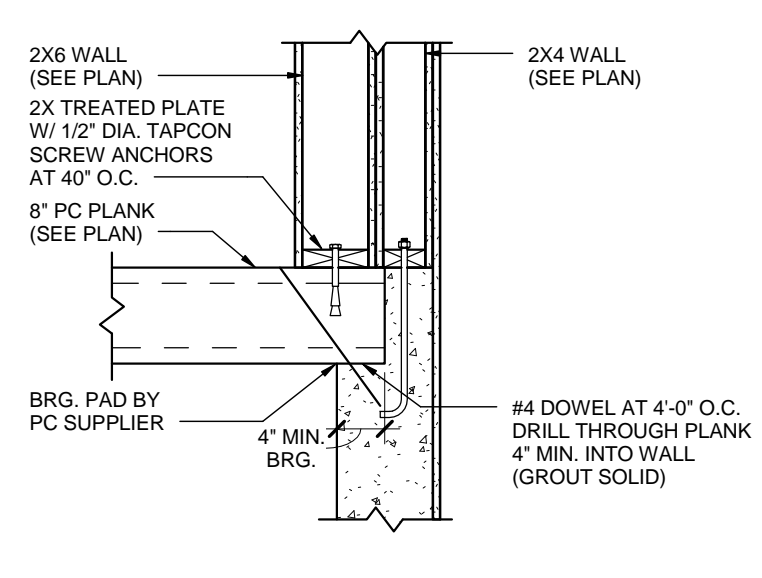
10 SECTION  
S501 SCALE: 1/2" = 1'-0"



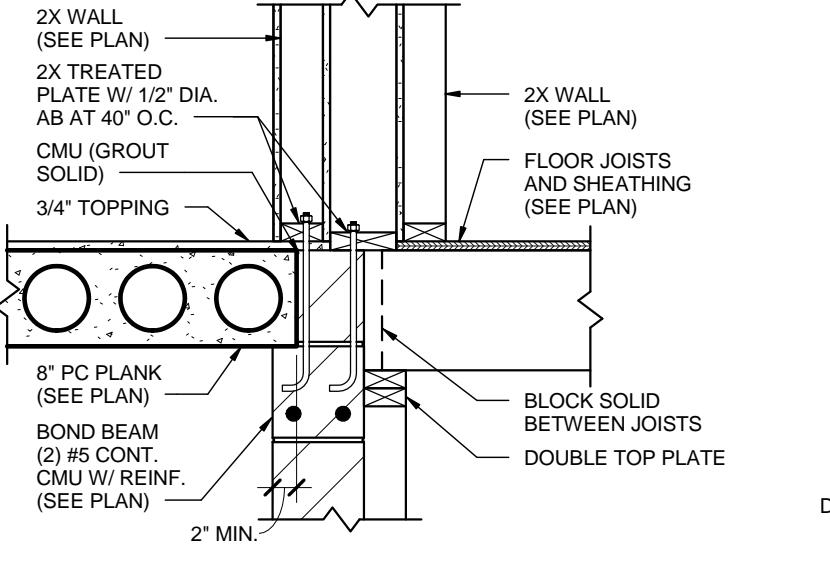
11 SECTION  
S501 SCALE: 3/4" = 1'-0"



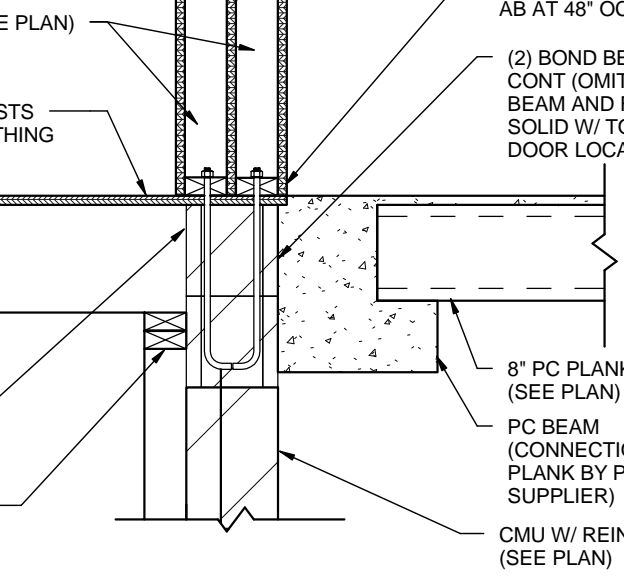
12 SECTION  
S501 SCALE: 3/4" = 1'-0"



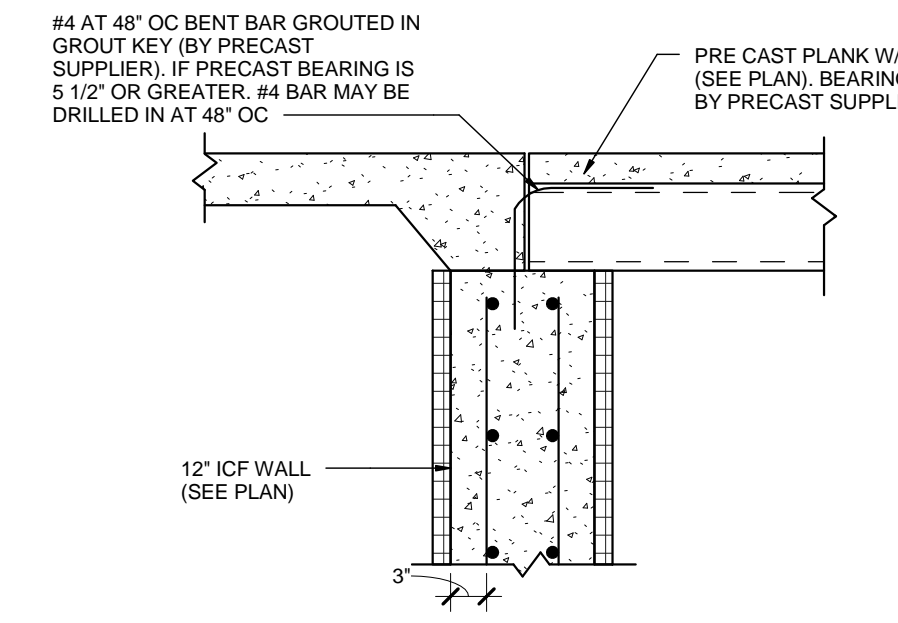
13 SECTION  
S501 SCALE: 3/4" = 1'-0"



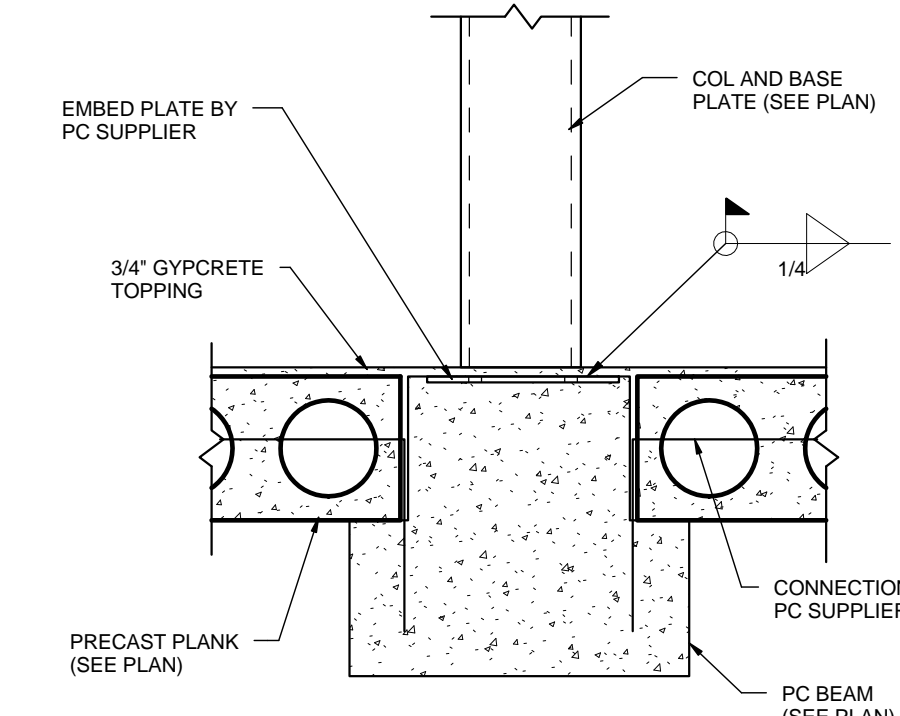
14 SECTION  
S501 SCALE: 3/4" = 1'-0"



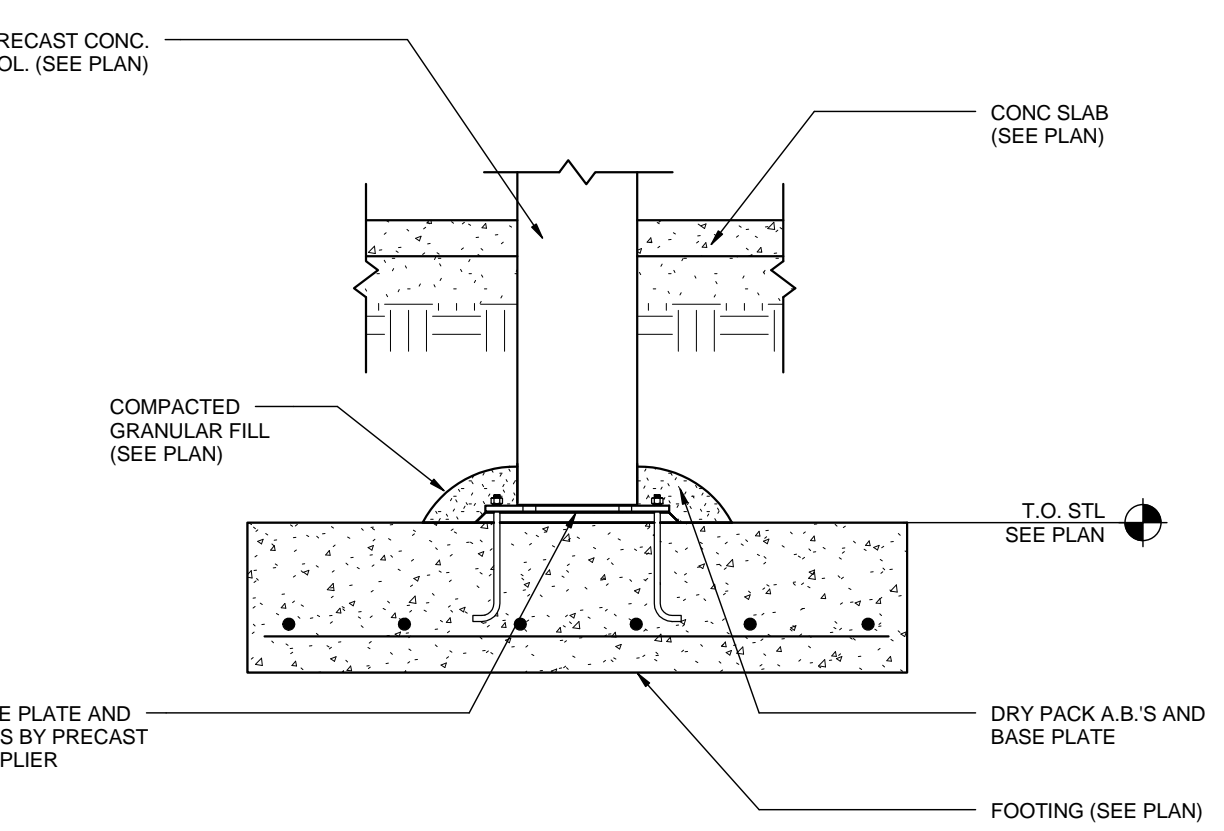
15 SECTION  
S501 SCALE: 3/4" = 1'-0"



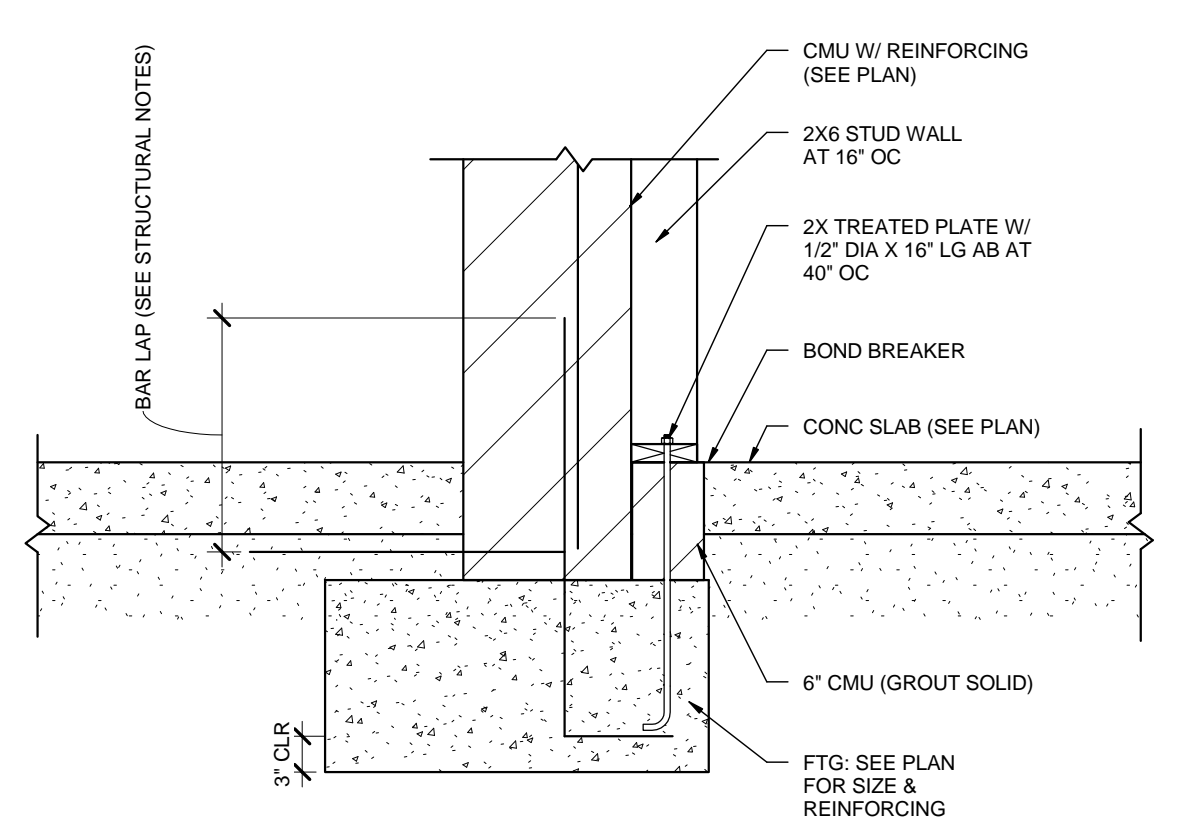
16 SECTION  
S501 SCALE: 3/4" = 1'-0"



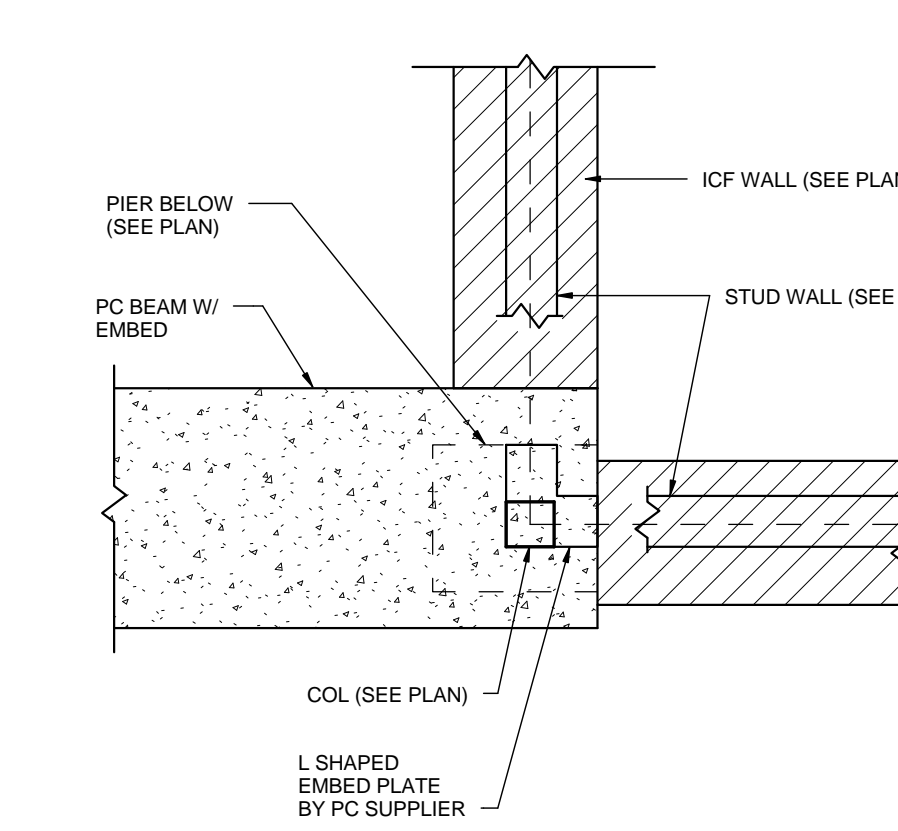
17 SECTION  
S501 SCALE: 3/4" = 1'-0"



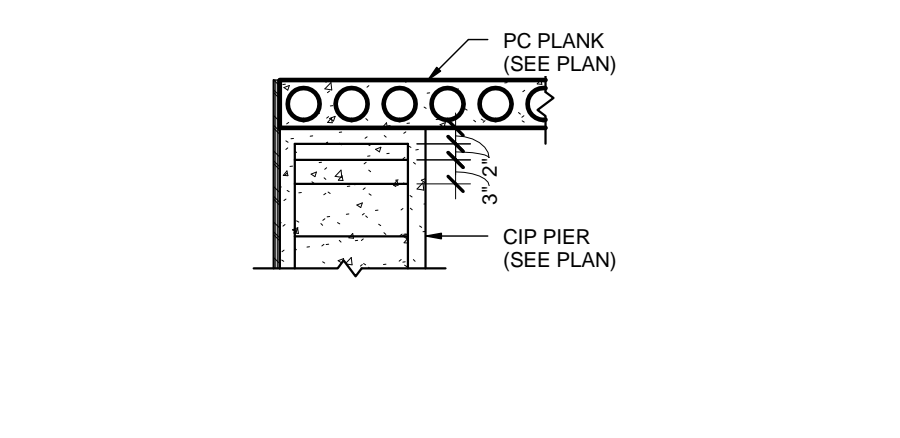
18 SECTION  
S501 SCALE: 3/4" = 1'-0"



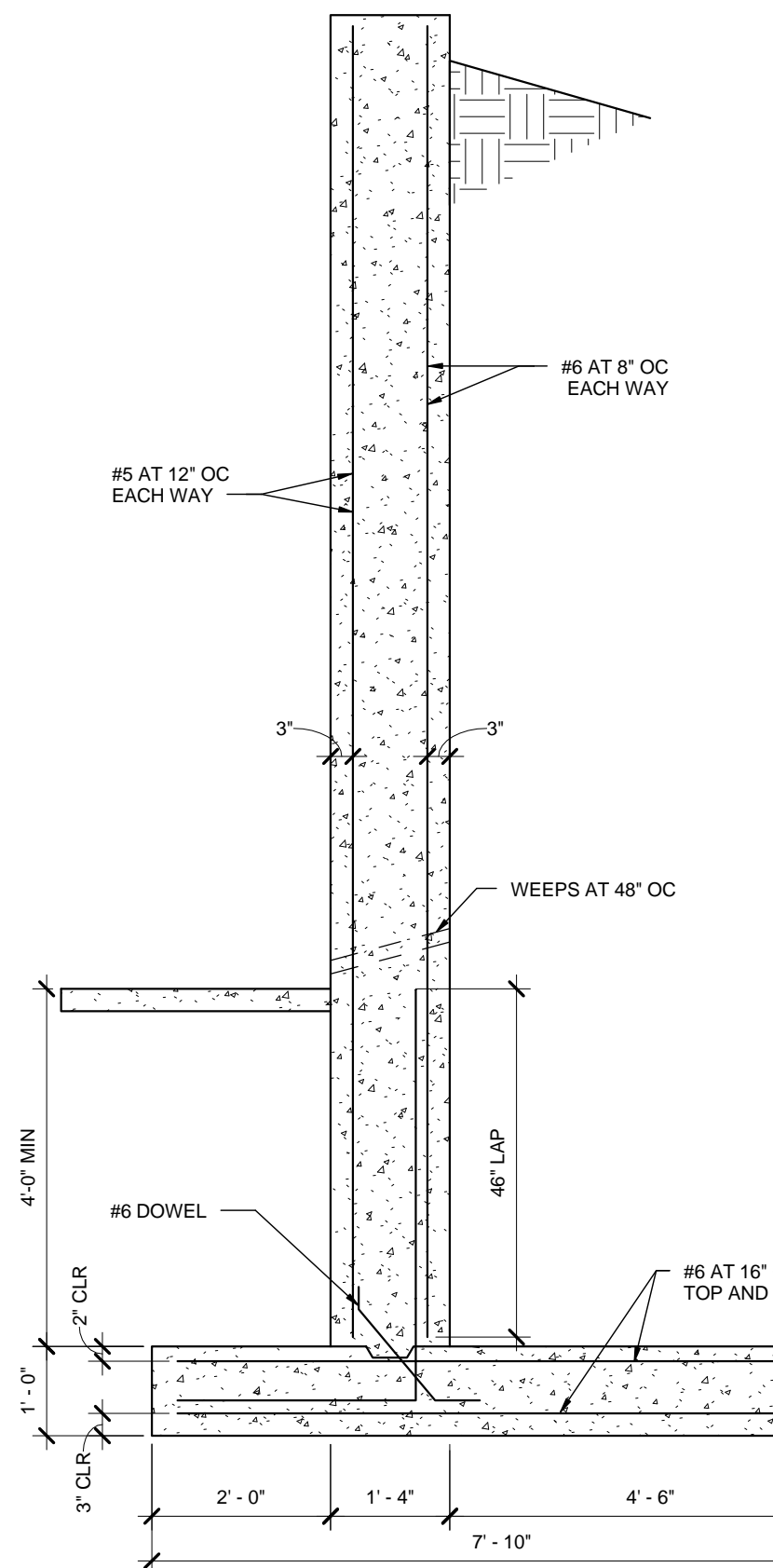
19 SECTION  
S501 SCALE: 3/4" = 1'-0"



20 SECTION  
S501 SCALE: 3/4" = 1'-0"



21 SECTION  
S501 SCALE: 1/2" = 1'-0"



22 SECTION  
S501 SCALE: 1/2" = 1'-0"

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I hereby certify that this plan, specification or report was prepared by me or under my direct supervision & that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

Signature: \_\_\_\_\_  
Printed name: Kesh Ramdular  
License no.: 16256  
Date: 06/17/16

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Project no: 1602  
Drawn by: SR, BW, BZ  
Checked by: DAS  
Date: 06/17/16  
Revisions:

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