

**STRUCTURAL NOTES**

**WOOD FRAMING**

- WOOD FRAMED CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION"
- WOOD MEMBERS SHALL HAVE FULL BEARING LENGTH AT SUPPORTS. MEMBERS WITHOUT FULL DIRECT BEARING SHALL BE SUPPORTED WITH PREFABRICATED METAL HANGERS BY "UP/ANTIRAP" OR APPROVED EQUIVALENT, AND INSTALLED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS. HANGER SELECTION SHALL BE AS SHOWN ON THE DRAWINGS OR AS REQUIRED FOR THE MEMBER SIZE AND SUPPORT CONDITION.

**CONTRACTORS NOTES**

- STRUCTURAL MEMBERS ARE DESIGNED FOR LOADS THAT ARE APPLICABLE TO THE FINISHED, INSTALLED STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY BRACING/SUPPORTING NECESSARY TO PREVENT OVER STRESS OR INSTABILITY OF NEW AND EXISTING STRUCTURAL COMPONENTS OR THE STRUCTURE AS A WHOLE UNTIL THE PROJECT IS COMPLETED.
- THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AS REQUIRED FOR THE WORK. NOTIFY THE ARCHITECT'S OFFICE IMMEDIATELY OF ANY UNFORSEEN EXISTING CONDITION AFFECTING THE WORK.

**BUILDING CODE**

- MINNESOTA STATE BUILDING CODE.

**DESIGN LIVE LOADS**

- ROOF: 40 PSF.
- FLOOR: 40 PSF.

**DESIGN MATERIAL STRENGTHS**

- WELDED WRS FABRIC, ASTM A190
- POURED CONCRETE: 4" 4000 PSI AT 28 DAYS; FOOTINGS, SLAB ON GRADE.
- DIMENSIONAL LUMBER: SPRUCE PINE FOR NO. 1 OR BETTER.

**FOUNDATIONS**

- FOOTINGS ARE DESIGNED FOR A PRESUMPTIVE ALLOWABLE SOIL BEARING PRESSURE = 1500 PSF PER USC TABLE 15-1-A. THE CONTRACTOR SHALL VERIFY THAT SOILS AT BOTTOM OF FOOTING ELEVATIONS COMPLY WITH THE MINIMUM REQUIREMENTS OF USC TABLE 15-1-A FOR MATERIALS CLASS #4 (S&P, S&M, S&L, S&M, S&L, S&M, S&L, S&M, S&L) AND THAT THESE SOILS ARE SUITABLE FOR BUILDING SUPPORT WITHOUT CAUSING EXCESSIVE OR DAMAGING DIFFERENTIAL SETTLEMENTS.
- UNSUITABLE SOILS SHALL BE REMOVED DOWN TO SUITABLE UNDISTURBED NATIVE SOILS AND REPLACED WITH COMPACTED GRAVEL-FRUIT TILL.
- STEP FOOTINGS UNDER EXISTING MECHANICAL UTILITY LINES TYPICAL. VERIFY EXISTING LINE LOCATIONS AND INVERTS PRIOR TO BUILDING EXCAVATION.
- SEE PLAN FOR FOOTING SIZE, ELEVATION AND REINFORCING.

**WOOD FRAMING**

- WOOD FRAMED CONSTRUCTION SHALL CONFORM TO THE "NATIONAL DESIGN STANDARD"
- VERIFY ALL WOOD AND EXISTING DIMENSIONS.

1 LOWER LEVEL FLOOR PLAN 1/4" = 1'-0"

DATE: 11-01-01  
 REVISIONS:  
 ISSUED 12-23-01  
 REVISED 1-23-01

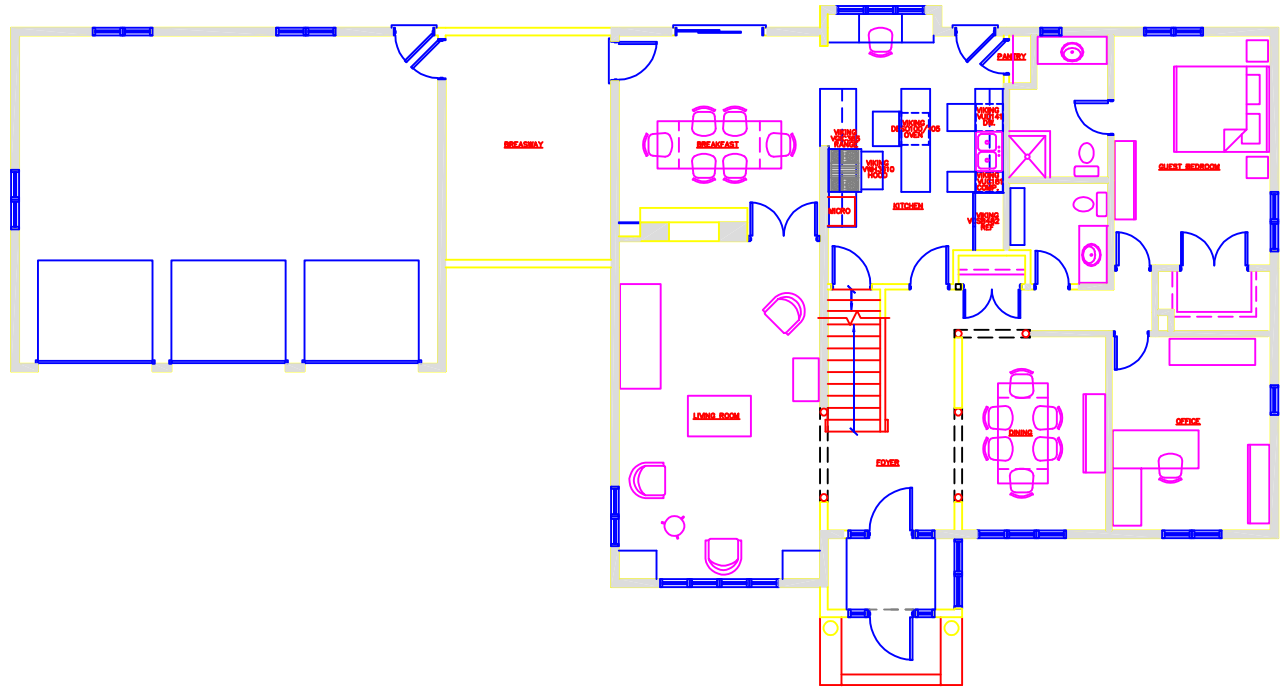
TODD KNUTSON DESIGNS  
 1128 HARMON PL. STE. 308  
 MINNEAPOLIS, MN. 55403  
 612-332-8000

DATE:  
 ARCHITECT DESIGN SHALL BE THE PLAN APPROVING AND SEALING. THE PLAN SHALL BE THE PROPERTY OF THE ARCHITECT AND NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.

BOB & JENNIFER COWAN  
 4301 WEST 44TH. STREET  
 EDINA, MINNESOTA 55424

JOB NO. 2001

SHEET NO.  
 A1  
 OF SHEETS



1 MAIN LEVEL FLOOR PLAN

1/4" = 1'-0"

DATE: 11-01-01  
 REVISIONS:  
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TODD KNUTSON DESIGNS  
 1128 HARMON PL. STE. 308  
 MINNEAPOLIS, MN. 55403  
 612-332-8000

DATE:  
 ARCHITECT: JENNIFER COWAN  
 APPROVED AS SHOWN AND PER PLAN  
 AND NOT FOR A FULLY REGISTERED  
 ARCHITECT IN THE STATE OF  
 MINNESOTA PER MS.

BOB & JENNIFER COWAN  
 4301 WEST 44TH. STREET  
 EDINA, MINNESOTA 55424

JOB NO. 2001

SHEET NO.  
 A2  
 OF SHEETS

DATE: 11-01-01

REVISIONS:  
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5  
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TODD KNUTSON DESIGNS  
1128 HARMON PL. STE. 308  
MINNEAPOLIS, MN. 55403  
612-332-8000

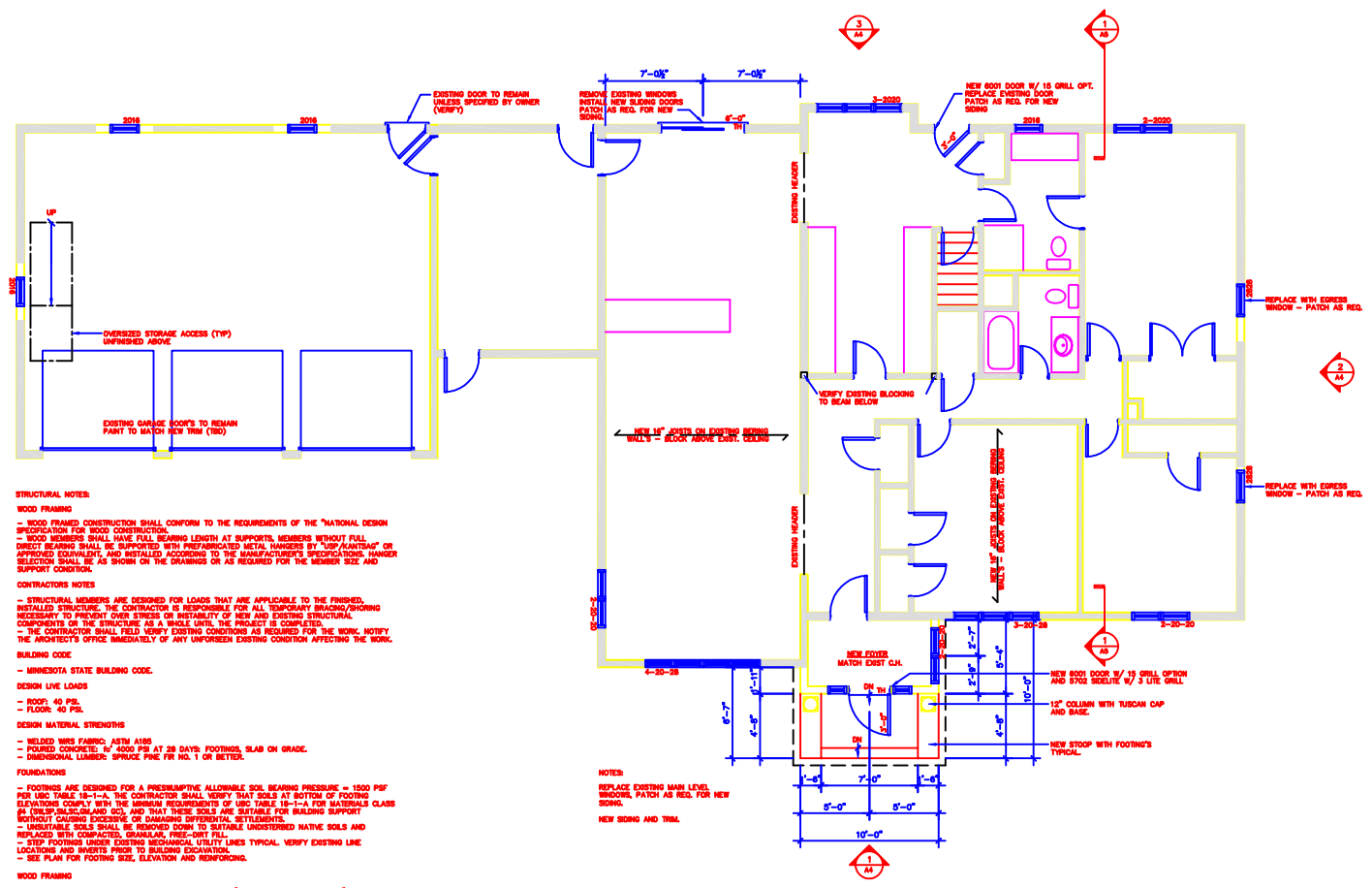
DATE:  
DESIGNED BY:  
CHECKED BY:  
APPROVED BY:  
PROJECT NO.:

BOB & JENNIFER COWAN  
4301 WEST 44TH. STREET  
EDINA, MINNESOTA 55424

JOB NO. 2001

SHEET NO.

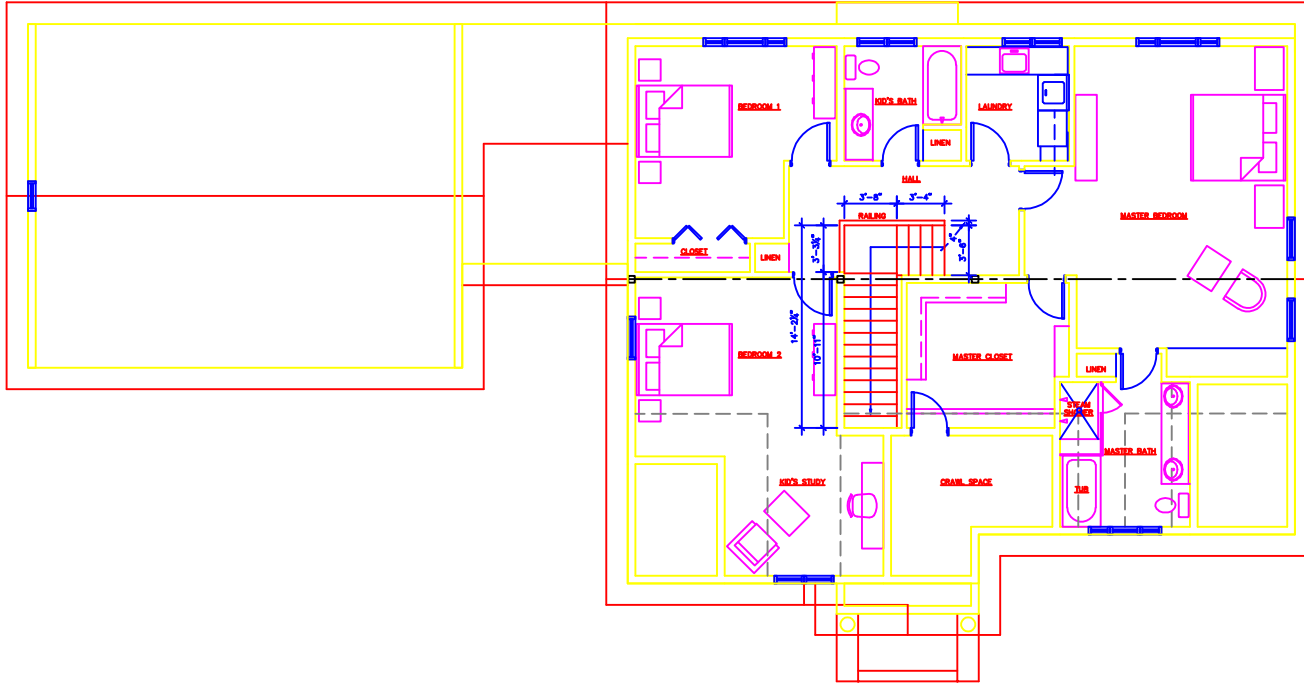
A2  
OF SHEETS



- STRUCTURAL NOTES**
- WOOD FRAMING**
- WOOD FRAMED CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION"
  - WOOD MEMBERS SHALL HAVE FULL BEARING LENGTH AT SUPPORTS. MEMBERS WITHOUT FULL BEARING SHALL BE SUPPORTED WITH PREFABRICATED METAL BRACKETS BY "TOP PLATING" OR APPROVED EQUIVALENT, AND INSTALLED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS. HANGER SELECTION SHALL BE AS SHOWN ON THE DRAWINGS OR AS REQUIRED FOR THE MEMBER SIZE AND SUPPORT CONDITION.
- CONTRACTOR'S NOTES**
- STRUCTURAL MEMBERS ARE DESIGNED FOR LOADS THAT ARE APPLICABLE TO THE FINISHED, INSTALLED STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY BRACING/SUPPORTING NECESSARY TO PREVENT OVER STRESS OR INSTABILITY OF NEW AND EXISTING STRUCTURAL COMPONENTS OR THE STRUCTURE AS A WHOLE UNTIL THE PROJECT IS COMPLETED.
  - THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AS REQUIRED FOR THE WORK. NOTIFY THE ARCHITECT'S OFFICE IMMEDIATELY OF ANY UNFORESEEN EXISTING CONDITION AFFECTING THE WORK.
- BUILDING CODE**
- MINNESOTA STATE BUILDING CODE.
- DESIGN LIVE LOADS**
- ROOF: 40 PSF.
  - FLOOR: 40 PSF.
- DESIGN MATERIAL STRENGTHS**
- WELDED WRS FABRIC: ASTM A193
  - POURED CONCRETE: 40' 4000 PSF AT 28 DAYS. FOOTINGS, SLAB ON GRADE.
  - DIMENSIONAL LUMBER: SPRUCE PINE FIR NO. 1 OR BETTER.
- FOUNDATIONS**
- FOOTINGS ARE DESIGNED FOR A PRESUMPTIVE ALLOWABLE SOIL BEARING PRESSURE = 1500 PSF PER EBC TABLE 16-1. THE CONTRACTOR SHALL VERIFY THAT SOILS AT BOTTOM OF FOOTING ELEVATIONS COMPLY WITH THE MINIMUM REQUIREMENTS OF EBC TABLE 16-1 FOR MATERIALS CLASS (A) (CLAY, SILT, SAND AND CO.) AND THAT THESE SOILS ARE SUITABLE FOR BUILDING SUPPORT WITHOUT CAUSING EXCESSIVE OR DAMAGING DIFFERENTIAL SETTLEMENTS.
  - UNSUITABLE SOILS SHALL BE REMOVED DOWN TO SUITABLE UNDISTURBED NATIVE SOILS AND REPLACED WITH COMPACTED GRANULAR FILL - (SEE SPEC.)
  - STEP FOOTINGS UNDER EXISTING MECHANICAL UTILITY LINES TYPICAL. VERIFY EXISTING LINE LOCATIONS AND INSERTS PRIOR TO BUILDING EXCAVATION.
  - SEE PLAN FOR FOOTING SIZE, ELEVATION AND REINFORCING.
- WOOD FRAMING**
- WOOD FRAMED CONSTRUCTION SHALL CONFORM TO THE "NATIONAL DESIGN STANDARD"
  - VERIFY ALL WOOD AND EXISTING DIMENSIONS.

1 MAIN LEVEL FLOOR PLAN

1/4" = 1'-0"



1  
A3 UPPER LEVEL FLOOR PLAN

1/4" = 1'-0"

DATE: 11-01-01  
 REVISIONS:  
 PRINTED 11-16-01  
 PRINTED 12-14-01  
 ISSUED 12-20-01  
 REVISED 1-03-01  
 PRINTED 01-17-02

TODD KNUTSON DESIGNS  
 1128 HARMON PL. STE. 308  
 MINNEAPOLIS, MN. 55403  
 612-332-8000

DATE:  
 I HEREBY CERTIFY THAT THIS IS AN APPROXIMATE MEASURE AND PLAN AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

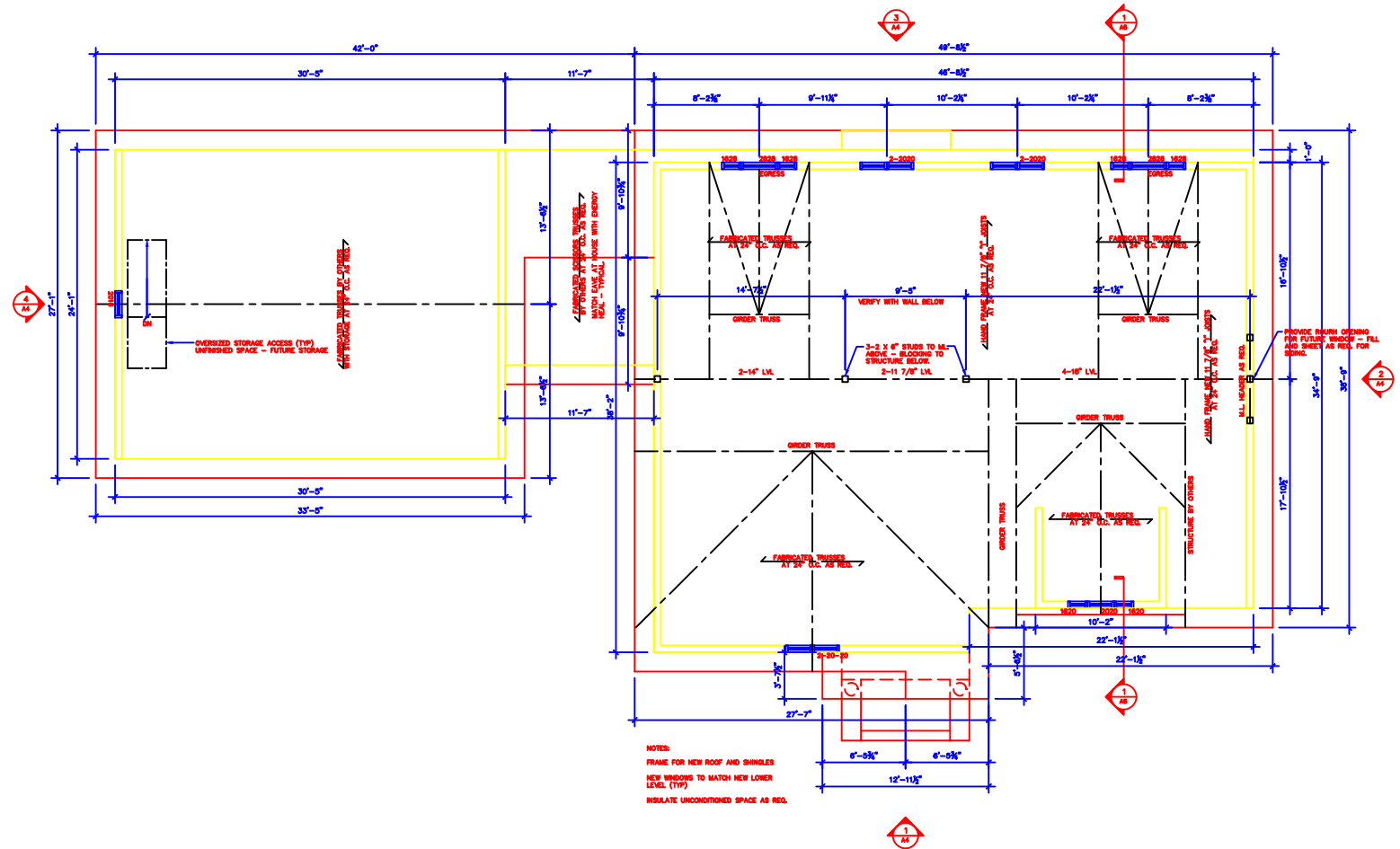
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 EDINA, MINNESOTA 55424

JOB NO. 2001

SHEET NO.

A3

OF SHEETS



1 UPPER LEVEL FLOOR PLAN

1/4" = 1'-0"

DATE: 11-01-01  
 REVISIONS:  
 PRINTED 11-16-05  
 PRINTED 12-14-05  
 ISSUED 12-14-05  
 REVISED 1-03-01  
 PRINTED 01-17-02

TODD KNUTSON DESIGNS  
 1128 HARMON PL. STE. 308  
 MINNEAPOLIS, MN. 55403  
 612-332-8000

DATE:  
 DESIGNER:  
 APPROVED BY:  
 PROJECT NO.:  
 AND THAT I AM A DULY LICENSED  
 ARCHITECT IN THE STATE OF  
 MINNESOTA

BOB & JENNIFER COWAN  
 4301 WEST 44TH. STREET  
 EDINA, MINNESOTA 55424

JOB NO. 2001

SHEET NO.  
 A3  
 OF SHEETS

DATE: 11-01-01

REVISIONS:  
PRINTED 11-16-01  
REVISED 12-10-01  
ISSUED 01-10-02  
PRINTED 01-17-02

TODD KNUTSON DESIGNS  
1128 HARMON PL. STE. 308  
MINNEAPOLIS, MN. 55403  
612-332-8000

DATE:  
I HEREBY CERTIFY THAT THE PLAN  
APPROXIMATELY SHOWN ON THESE  
PLANS IS A TRUE AND CORRECT  
COPY OF THE STATE OF  
MINNESOTA RECORDS.

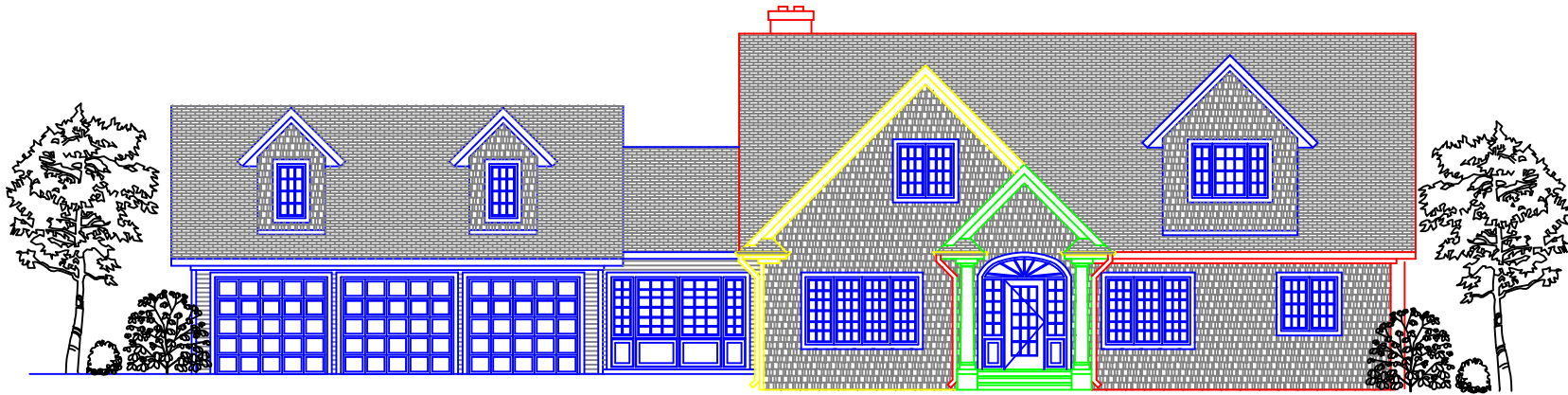
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4301 WEST 44TH. STREET  
EDINA, MINNESOTA 55424

JOB NO. 2001

SHEET NO.

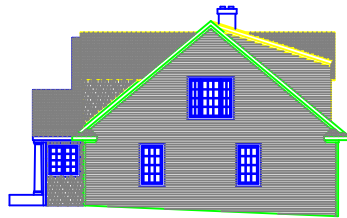
A4

OF SHEETS



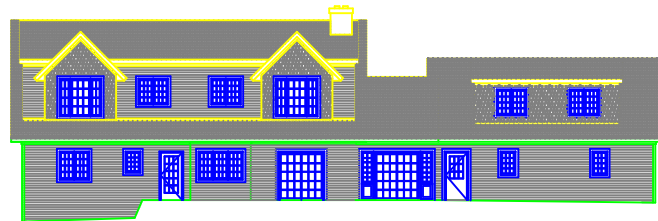
1 NORTH EXTERIOR ELEVATION

1/4" = 1'-0"



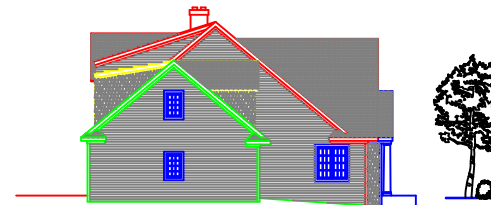
2 WEST EXTERIOR ELEVATION

1/8" = 1'-0"



3 SOUTH EXTERIOR ELEVATION

1/8" = 1'-0"



4 EAST EXTERIOR ELEVATION

1/8" = 1'-0"

DATE: 11-01-01  
 REVISIONS:  
 PRINTED 11-16-01  
 REVISIONS 12-10-01  
 REVISIONS 12-10-01  
 REVISIONS 1-03-01  
 ISSUED 01-10-02  
 PRINTED 01-17-02

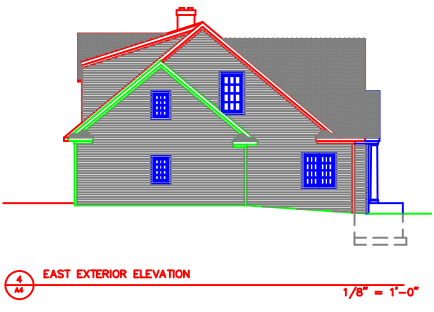
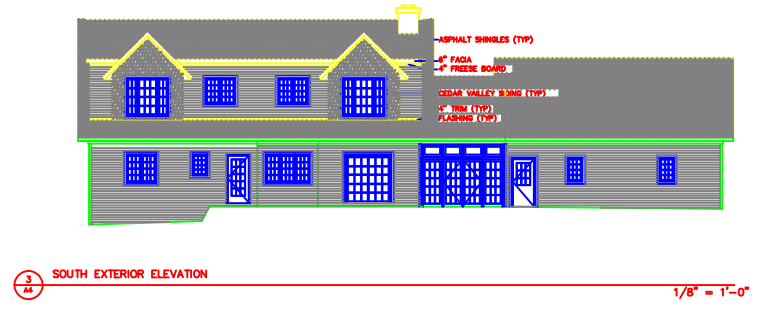
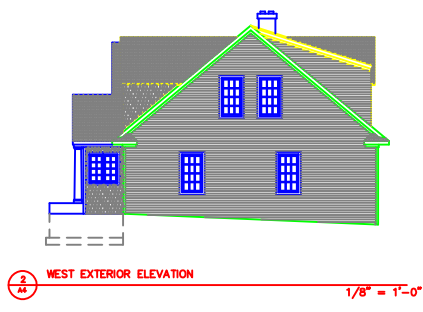
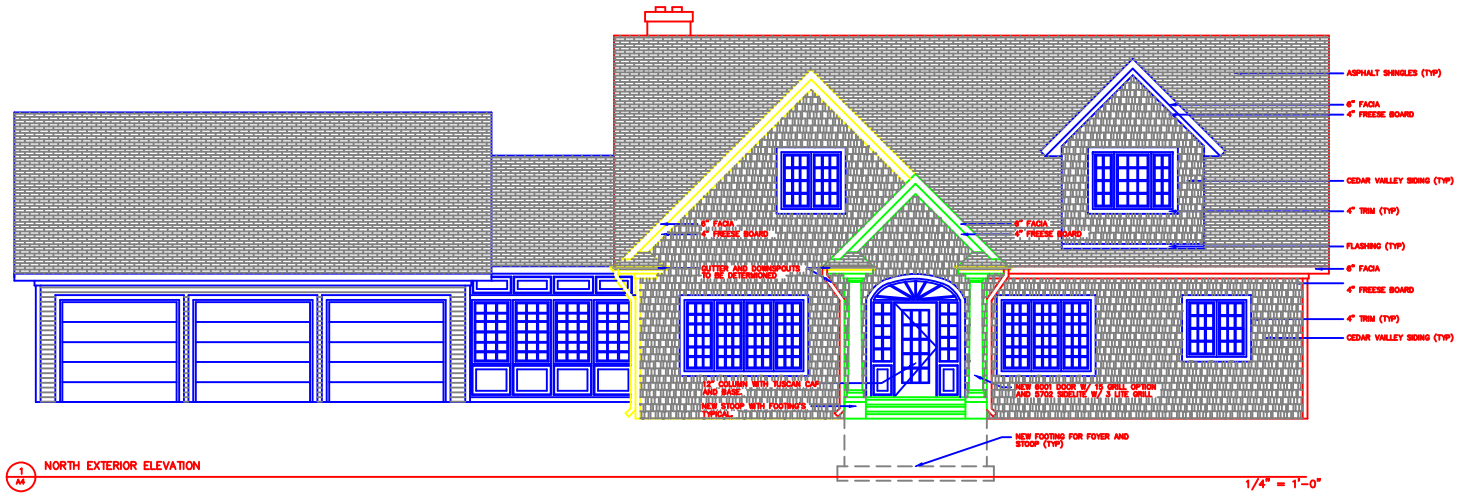
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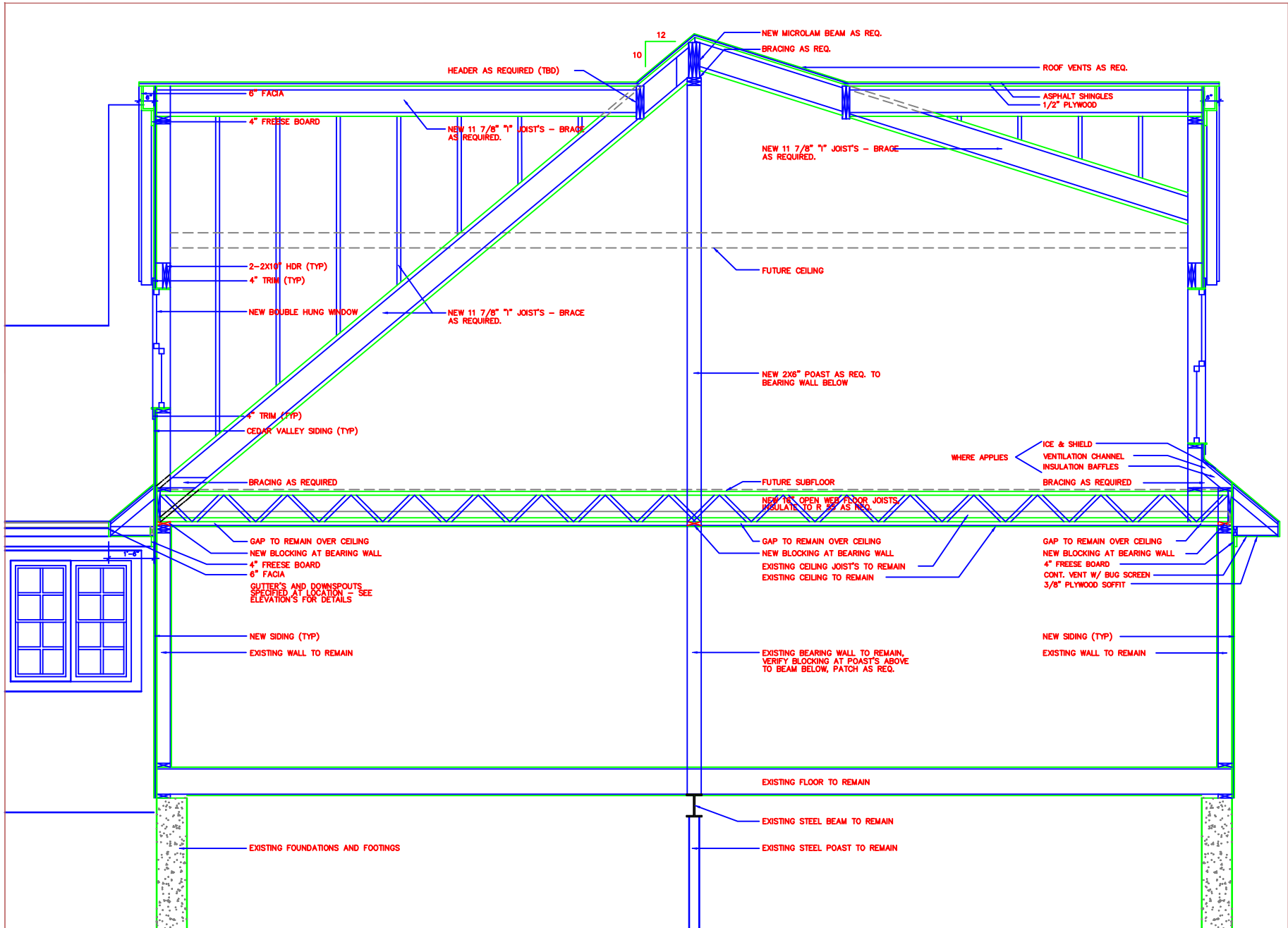
DATE:  
 I HEREBY CERTIFY THAT THIS PLAN  
 REPRESENTS AN ORIGINAL AND TRUE COPY  
 AND THAT I AM A DULY LICENSED  
 ARCHITECT IN THE STATE OF  
 MINNESOTA UNDER NO. 155

BOB & JENNIFER COWAN  
 4301 WEST 44TH. STREET  
 EDINA, MINNESOTA 55424

JOB NO. 2001

SHEET NO.  
 A4  
 OF SHEETS





DATE: 11-01-01  
 REVISIONS:  
 PRINTED 12-18-01  
 REVISION 12-29-01  
 REVISION 1-03-01

TODD KNUTSON DESIGNS  
 1128 HARMON PL. STE. 308  
 MINNEAPOLIS, MN. 55403  
 612-332-8000

DATE:  
 I HEREBY CERTIFY THAT THIS PLAN APPROXIMATELY SHOWS THE POSITION AND LOCATION OF ALL EXISTING AND PROPOSED WORK AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

BOB & JENNIFER COWAN  
 4301 WEST 44TH. STREET  
 EDINA, MINNESOTA 55424

JOB NO. 2001

SHEET NO.  
**A5**  
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