

## CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

| GROUND SNOW LOAD (LB) | WIND SPEED (MPH) | SEISMIC DESIGN CATEGORY | SUBJECT TO DAMAGE FROM |                  |                    |                    | WINTER DESIGN TEMP | ICE SHIELD UNDERLAY REQUIRED | FLOOD HAZARD |
|-----------------------|------------------|-------------------------|------------------------|------------------|--------------------|--------------------|--------------------|------------------------------|--------------|
|                       |                  |                         | WEATHERING             | FROST LINE DEPTH | TERMITE            | DECAY              |                    |                              |              |
| 30                    | 90               | D                       | SEVERE                 | 48"              | SLIGHT TO MODERATE | SLIGHT TO MODERATE | 10°F               | YES                          | NO           |

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NOTES:

### Contacts:

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|                                       |                            |                             |                              |
|---------------------------------------|----------------------------|-----------------------------|------------------------------|
| RESIDENCE FOR:<br>SITE ADDRESS: _____ | BUILDER:<br>ADDRESS: _____ | ENGINEER:<br>ADDRESS: _____ | ARCHITECT:<br>ADDRESS: _____ |
| PHONE: _____                          | PHONE: _____               | PHONE: _____                | PHONE: _____                 |
| E-MAIL: _____                         | E-MAIL: _____              | E-MAIL: _____               | E-MAIL: _____                |

## BUILDING CODE COMPLIANCE HOUSE AREAS

| CONDITIONED          | UN-CONDITIONED     |
|----------------------|--------------------|
| CRAWL SPACE: -       | GARAGE: 577 SF     |
| SUB LEVEL: -         | BASEMENT: 1613 SF  |
| ENTRY LEVEL: 1862 SF | ATTIC: 1569 SF     |
| UPPER LEVEL: 2417 SF | DECK/PATIO: 256 SF |
| TOTAL: 4279 SF       | TOTAL: 4015 SF     |

THE ABOVE AREA CALCULATIONS ARE BASED ON THE METHODOLOGY OUTLINED IN THE STANDARD SPECIFICATIONS.

## ARCHITECTURAL

- A-00-1 CONSTRUCTION ASSEMBLIES
- A-01-1 ELEVATIONS FRONT
- A-01-2 ELEVATIONS RIGHT
- A-01-3 ELEVATION REAR
- A-01-4 ELEVATION LEFT
- A-02-1 ENTRY LEVEL FLOOR PLAN
- A-02-2 UPPER LEVEL FLOOR PLAN
- A-03-1 BUILDING SECTIONS
- A-04-1 DETAILS 1
- A-04-2 DETAILS 2
- A-05-1 FOUNDATION PLAN
- A-05-2 ENTRY LEVEL FLOOR FRAMING PLAN
- A-05-3 UPPER LEVEL FLOOR FRAMING PLAN
- A-05-4 ATTIC FLOOR FRAMING PLAN
- A-05-5 ROOF FRAMING PLAN
- A-06-1 WINDOW SHADING DETAILS



| Revision Schedule | No. | Description | Date |
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PROJECT NAME:

**SAMPLE SET**

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PROJECT NUMBER: 05-006

DATE: \_\_\_\_\_ Issue Date

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CHECKED BY: BU, SH

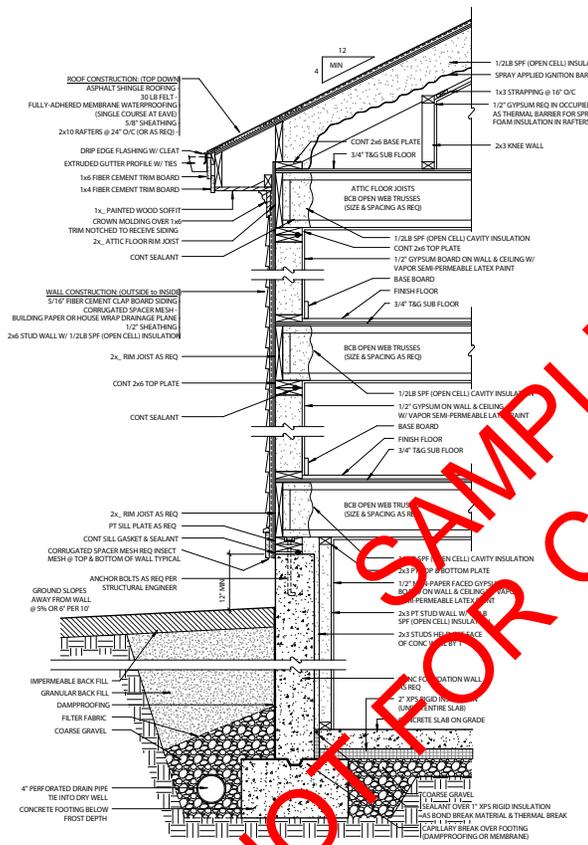
**A-00-0**

SCALE: \_\_\_\_\_

NOTES  
 THIS INTERIOR FINISH SCHEDULE IS PROVIDED AS A CONVENIENCE TO THE HOME OWNER AND/OR BUILDER DURING PLANNING, PRICING AND CONSTRUCTION. IT IS RECOMMENDED THAT THIS SCHEDULE BE COMPLETED BY HAND USING THE GLOSSARY OF ABBREVIATIONS BELOW.

CONSTRUCTION ASSEMBLIES

- ROOF CONSTRUCTION (ASPHALT SHINGLE OVER RAFTER, UNVENTED)
  - ASPHALT SHINGLES
  - FULLY-ADHERED MEMBRANE WATERPROOFING, SINGLE COUSE @ EAVES & RAKES
  - ROOFING PAPER (30LB FELT OR EQUIVALENT)
  - 5/8" SHEATHING
  - 2x10 RAFTERS @ 24" O/C W/ 1/2 LB SPF INSULATION (UNVENTED)
  - 1" XPS RIGID INSULATION (CLASS II VAPOR RETARDER)
  - 1x3 STRAPPING @ 16" O/C
  - 1/2" GYPSUM BOARD (REQ FOR THERMAL BARRIER)
- WALL CONSTRUCTION (CLIMATE ZONE 5 & 6)
  - VENTED CLADDING (FACE OF CHOICE)
  - DRAINAGE PLANE (FACE OF RIGID INSULATION W/ JOINTTAPPED)
  - 1 1/2" XPS UNFACED (R-13)
  - 1/2" SHEATHING
  - 2x6 STUD WALL W/ UNFACED BATT INSULATION (R-19)
  - 1/2" GYPSUM BOARD (VAPOR SEMI-PERMEABLE LATEX MNT (CLASS III VAPOR RETARDER))
- FLOOR CONSTRUCTION (12 FLOOR JOISTS)
  - FLOOR FINISH AS PER HOME OWNER
  - T&G FLOOR SHEATHING
  - 12 FLOOR JOISTS @ 16" O/C OR AS REQ PER STRUCTURAL ENGINEER
- FOUNDATION WALL CONSTRUCTION (BASEMENT)
  - FREE DRAINING BACKFILL
  - DAMPPROOFING
  - OR 10" POURED CONCRETE FOUNDATION WALL W/ STEERENFORCING AS REQ PER STRUCTURAL ENGINEER
  - 2" XPS RIGID INSULATION W/ TAPED JOINTS
  - 2x4 PT STUD WALL W/ UNFACED BATT INSULATION (R-13)
  - 1/2" GYPSUM BOARD W/ VAPOR SEMI-PERMEABLE LATEX MNT (CLASS III VAPOR RETARDER)
- SLAB ON GRADE CONSTRUCTION (BASEMENT)
  - 4" CONC SLAB W/ STEEL REINFORCING AS REQ PER STRUCTURAL ENGINEER
  - POLYETHYLENE VAPOR BARRIER (TURNED UP AT SLAB EDGE)
  - 4"-6" GRANULAR CAPILLARY BREAK AND DRAINAGE PAIND FINES)
  - UNDISTURBED NATIVE SOIL



1 TYPICAL WALL SECTION  
 1" = 1'-0"

INTERIOR FINISH SCHEDULE

| ROOM               | FLOOR | BASE | CROWN | WALLS    |       | CEILING  |       |
|--------------------|-------|------|-------|----------|-------|----------|-------|
|                    |       |      |       | MATERIAL | COLOR | MATERIAL | COLOR |
| 01 - KITCHEN       |       |      |       |          |       |          |       |
| 02 - LIVING        |       |      |       |          |       |          |       |
| 03 - DINING        |       |      |       |          |       |          |       |
| 04 - BUTLER PANTRY |       |      |       |          |       |          |       |
| 05 - FAMILY ROOM   |       |      |       |          |       |          |       |
| 06 - MUD ROOM      |       |      |       |          |       |          |       |
| 07 - LAV           |       |      |       |          |       |          |       |
| 08 - BATH 1        |       |      |       |          |       |          |       |
| 09 - BATH 2        |       |      |       |          |       |          |       |
| 10 - MASTER BATH   |       |      |       |          |       |          |       |
| 11 - MASTER BED    |       |      |       |          |       |          |       |
| 12 - BED 1         |       |      |       |          |       |          |       |
| 13 - BED 2         |       |      |       |          |       |          |       |
| 14 - BED 3         |       |      |       |          |       |          |       |

REVISION SCHEDULE

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PROJECT NAME:

**SAMPLE SET  
 CONSTRUCTION  
 ASSEMBLIES**

PROJECT NUMBER: 05-006  
 DATE: Issue Date  
 DRAWN BY: Author  
 CHECKED BY: Checker

**A-00-1**

SCALE 1" = 1'-0"

NOT FOR CONSTRUCTION

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NOTES:

EGRESS - WINDOW WITH MINIMUM NET CLEAR OPENING 5.7 SQUARE FEET (24"X20" MIN), WINDOW SILL HEIGHT NOT MORE THAN 41" ABOVE FLOOR.

1 DEPTH OF SPRAY FOAM INSULATION TO MEET 2006 IECC REQUIREMENT FOR THE PROJECTS CLIMATE ZONE.

2 STEPS OR RAMP TO GRADE AS REQUIRED PER SITE CONDITIONS. MINIMUM 5" OF LANDING REQUIRED AT ALL ENTRYWAYS. PORCHES, BALCONIES OR RAISED FLOOR SURFACES LOCATED MORE THAN 30" ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDS NOT LESS THAN 36" IN HEIGHT.

| WINDOW SCHEDULE |                 |             |             |             |             |              |     |
|-----------------|-----------------|-------------|-------------|-------------|-------------|--------------|-----|
| No.             | UNIT TYPE       | SPECIAL     | UNIT WIDTH  | UNIT HEIGHT | ROUGH WIDTH | ROUGH HEIGHT | QTY |
| 1               | CIRCLE - FIXED  |             | 1'-7 3/4"   | 1'-7 3/4"   | 2'-0 5/8"   | 2'-0 5/8"    | 1   |
| 2               | DOUBLE HUNG     |             | 2'-11 5/8"  | 4'-8 7/8"   | 3'-0 1/8"   | 4'-9 3/8"    | 12  |
| 3               | DOUBLE HUNG     |             | 2'-11 5/8"  | 5'-0 7/8"   | 3'-0 1/8"   | 5'-1 3/8"    | 2   |
| 4               | DOUBLE HUNG     | MULLED UNIT | 2'-11 5/8"  | 5'-0 7/8"   | 3'-0 1/8"   | 6'-1 3/8"    | 3   |
| 5               | DOUBLE HUNG     | TEMPERED    | 3'-9 5/8"   | 4'-0 7/8"   | 3'-10 1/8"  | 4'-1 3/8"    | 1   |
| 6               | DOUBLE HUNG     | MULLED UNIT | 2'-11 5/8"  | 4'-0 7/8"   | 3'-0 1/8"   | 7'-1 3/8"    | 4   |
| 7               | DOUBLE HUNG     |             | 2'-11 5/8"  | 4'-0 7/8"   | 3'-0 1/8"   | 4'-1 3/8"    | 5   |
| 8               | DOUBLE HUNG     |             | 2'-7 5/8"   | 3'-4 7/8"   | 2'-8 1/8"   | 3'-5 3/8"    | 3   |
| 9               | DOUBLE HUNG     | MULLED UNIT | 2'-15/8"    | 5'-0 7/8"   | 4'-3 1/2"   | 5'-1 3/8"    | 2   |
| 10              | DOUBLE HUNG     |             | 2'-1 5/8"   | 4'-0 7/8"   | 2'-2 1/8"   | 4'-1 3/8"    | 2   |
| 11              | DOUBLE HUNG     | MULLED UNIT | 1'-9 5/8"   | 4'-8 7/8"   | 7'-7 1/2"   | 4'-9 3/8"    | 2   |
| 12              | DOUBLE HUNG     | MULLED UNIT | 1'-9 5/8"   | 4'-8 7/8"   | 11'-10 1/8" | 5'-9 3/8"    | 2   |
| 15              | FIXED           | MULLED UNIT | 3'-11 5/16" | 4'-8 7/8"   | 7'-7 1/2"   | 4'-9 3/8"    | 1   |
| 16              | FIXED           | MULLED UNIT | 3'-11 5/16" | 5'-0 7/8"   | 9'-3 1/2"   | 5'-1 3/8"    | 1   |
| 17              | FIXED, TEMPERED |             | 2'-11 5/8"  | 4'-0 7/8"   | 2'-2 1/8"   | 4'-1 3/8"    | 1   |
| 18              | TRANSOM         | MULLED UNIT | 2'-11 5/8"  | 1'-0"       | 3'-0 1/8"   | 1'-1 3/8"    | 3   |
| 19              | TRANSOM         | MULLED UNIT | 2'-11 5/8"  | 1'-0"       | 3'-0 1/8"   | 1'-1 3/8"    | 4   |
| 20              | TRANSOM         | MULLED UNIT | 1'-9 5/8"   | 1'-0"       | 1'-10 1/8"  | 1'-9 3/8"    | 2   |

WINDOW & DOOR ROUGH OPENINGS REPRESENTED IN THESE SCHEDULES ARE SUGGESTED VALUES ONLY. SPECIFIC UNIT DIMENSIONS AND ROUGH OPENINGS VARY WIDELY PER MANUFACTURER. IT IS RECOMMENDED THAT ALL WINDOW & DOOR UNITS BE INSTALLED ACCORDING TO MANUFACTURERS SPECIFICATION AND INSTALLATION INSTRUCTIONS. FOR BEST PRACTICE SUGGESTED INSTALLATION METHODS SEE DETAILSON PAGE "A-04-1" IN THIS SET.



- EXTERIOR TRIM PROFILES: CLEAR COAT OR EMBELED CEMENT.
- WINDOWS & DOORS - 1x4 + HEAD CROWN MOLDING (AT FRONT ONLY)
  - OUTSIDE CORNERS - 1x4 + CROWN MOLDING CAP
  - INSIDE CORNERS - 1x4
  - ROOF FASCIA - 1/2"x4 @ EAVE, 1/2"x10 @ RAKE
  - BAND BOARD LOWER - 1x8 W/ 2x2 CANTED TOP COURSE
  - BAND BOARD UPPER - 1x8
  - GABLE FRIEZE - 1x4
  - SOFFIT FRIEZE - 1x4 + CROWN MOLDING
  - PANELING - 4x8x1/2" MDO (ALL SIDES PAINTED & SEALED)
  - SOFFIT - 1x4 T&G

NOT FOR CONSTRUCTION

1 FRONT ELEVATION  
1/4" = 1'-0"

| REVISION SCHEDULE |             |      |
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| No.               | Description | Date |
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PROJECT NAME:

**SAMPLE SET**  
**ELEVATION FRONT**

PROJECT NUMBER: 05-006

DATE: Issue Date

DRAWN BY: MY

CHECKED BY: BU, SH

**A-01-1**

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

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- NOTES:
- EGRESS - WINDOW WITH MINIMUM NET CLEAR OPENING OR SQUARE FEET (24"x20" MIN. MINIMUM) SILL HEIGHT NOT MORE THAN 41" ABOVE FLOOR.
  - DEPTH OF SPRAY FOAM INSULATION TO MEET 2006 IECC REQUIREMENT FOR THE PROJECTS CLIMATE ZONE.
  - STEPS OR RAMP TO GRADE AS REQ'D PER SITE CONDITIONS. MINIMUM 5" OF LANDING REQUIRED AT ALL ENTRY WAYS. PORCHES, BALCONIES OR RAISED FLOOR SURFACES LOCATED MORE THAN 30" ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDS NOT LESS THAN 36" IN HEIGHT.

- EXTERIOR TRIM PROFILES: CLEAR CEDAR OR FIBER CEMENT.
- WINDOWS & DOORS - 1x4 + HEAD CROWN MOLDING (AT FRONT ONLY)
  - OUTSIDE CORNERS - 1x8 + CROWN MOLDING CAP
  - INSIDE CORNERS - 1x1
  - ROOF FASCIA - 1/2"x8 @ EAVE, 1/2"x10 @ RAKE
  - BAND BOARD LOWER - 1x8 W/ 2x2 CANTED TOP COURSE
  - BAND BOARD UPPER - 1x8
  - GABLE FRETZE - 1x4
  - SOFFIT FRETZE - 1x4 + CROWN MOLDING
  - PANELING - 4"x8x3/4" MDO (ALL SIDES PAINTED & SEALED)
  - SOFFIT - 1x4 T&G.



1 RIGHT ELEVATION  
1/4" = 1'-0"

NOT FOR SAMPLE SET  
CONSTRUCTION

| REVISION SCHEDULE: |             |      |
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PROJECT NAME:

**SAMPLE SET  
ELEVATION RIGHT**

PROJECT NUMBER: 05-006

DATE: Issue Date

DRAWN BY: MY

CHECKED BY: BU, SH

**A-01-2**

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

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- NOTES:
- EGRESS - WINDOW WITH MINIMUM NET CLEAR OPENING OR 5 SQUARE FEET (24"X20" MIN. WINDOW) ALL HEIGHT NOT MORE THAN 44" ABOVE FLOOR.
  - 1 DEPTH OF SPRAY FOAM INSULATION TO MEET 2006 IECC REQUIREMENT FOR THE PROJECTS CLIMATE ZONE.
  - 2 STEPS OR RAMP TO GRADE AS REQUIRED PER SITE CONDITIONS. MINIMUM 5" OF LANDING REQUIRED AT ALL ENTRYWAYS. PORCHES, BALCONIES OR RAISED FLOOR SURFACES LOCATED MORE THAN 30" ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDS NOT LESS THAN 36" IN HEIGHT.

- EXTERIOR TRIM PROFILES: CLEAR CEDAR OR PINE CEMENT.
- WINDOWS & DOORS - 1x4 + HEAD CROWN MOLDING (AT FRONT ONLY)
  - OUTSIDE CORNERS - 1x8 + CROWN MOLDING CAP
  - INSIDE CORNERS - 1x1
  - ROOF FASCIA - 1/2"x8 @ EAVE, 1/2"x10 @ RAKE
  - BAND BOARD LOWER - 1x8 W/ 2x2 CANTED TOP COURSE
  - BAND BOARD UPPER - 1x8
  - GABLE FRIEZE - 1x4
  - SOFFIT FRIEZE - 1x6 + CROWN MOLDING
  - PANELING - 4"x8x14" MDO (ALL SIDES PAINTED & SEALED)
  - SOFFIT - 1x4 T&G.



BEAR ELEVATION  
1/4" = 1'-0"

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PROJECT NAME:

**SAMPLE SET  
ELEVATION REAR**

PROJECT NUMBER: 05-006

DATE: Issue Date

DRAWN BY: Author

CHECKED BY: Checker

**A-01-3**

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

- NOTES:
- EGRESS - WINDOW WITH MINIMUM NET CLEAR OPENING OR SQUARE FEET (24"x36" MIN. WINDOW) ALL HEIGHT NOT MORE THAN 41" ABOVE FLOOR.
  - 1 DEPTH OF SPRAY FOAM INSULATION TO MEET 2006 IECC REQUIREMENT FOR THE PROJECTS CLIMATE ZONE.
  - 2 STEPS OR RAMP TO GRADE AS REQUIRED PER SITE CONDITIONS. MINIMUM 5" OF LANDING REQUIRED AT ALL ENTRYWAYS. PORCHES, BALCONIES OR RAISED FLOOR SURFACES LOCATED MORE THAN 30" ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDS NOT LESS THAN 36" IN HEIGHT.



- EXTERIOR FINISHES - CLEAR CEILING FIBERCEMENT
- WINDOWS & DOORS - HEAD CROWN MOLDING (AT FRONT ONLY)
  - CROWN MOULDING - 1x4
  - CHICK CORNERS - 1x4
  - SOFFIT FASCIA - 1/2"x2" @ EAVE, 1/2"x1" @ RAKE
  - SHIM BOARD LATH - 1x8 W/ 2x2 CANTED TOP COURSE
  - SHIM BOARD LATH - 1x4
  - SOLE FRIEZE - 1x4
  - SOLE FRIEZE - 1x4 S/ CROWN MOLDING
  - PANEL FRIEZE - 4"x8"x1/4" MDO (ALL SIDES PAINTED & SEALED)
  - TRIM - 1x4 T&G

- 1/2" COVER BOARDS OVER BEAM
- MDO PAINTED & SEALED ALL SIDES
- DECORATIVE COLUMN CAP OVER 6x6 PF POST OR GALV STEEL POST ANCHOR TOP

1 LEFT ELEVATION  
1/4" = 1'-0"

NOT FOR SAMPLE SET CONSTRUCTION

| REVISION SCHEDULE: |             |      |
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PROJECT NAME:

**SAMPLE SET  
ELEVATION LEFT**

PROJECT NUMBER: 05-006

DATE: \_\_\_\_\_ Issue Date

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**A-01-4**

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

- NOTES**
- 1. COMBINATION SMOKE & CARBON MONOXIDE DETECTOR: DETECTORS SHALL BE INSTALLED OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF BEDROOMS AND ON EACH STORY OF THE DWELLING INCLUDING BASEMENTS. ALL DETECTORS SHALL BE CONNECTED TO A SOUNDING DEVICE OR OTHER DETECTORS TO PROVIDE AN ALARM AUDIBLE IN ALL SLEEPING AREAS. ALL DETECTORS SHALL BE APPROVED AND LISTED AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
  - 2. STEPS OR RAMP TO GRADE AS REQ PER SITE CONDITIONS. MINIMUM 5'-0" LANDING REQUIRED AT ALL ENTRY WAYS. PORCHES, BALCONIES OR RAISED FLOOR SURFACES LOCATED MORE THAN 30" ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDS NOT LESS THAN 36" IN HEIGHT.
  - 3. FLOOR TO FLOOR HEIGHTS WILL VARY BASED ON DEPTH OF FLOOR FRAMING AS DETERMINED BY STRUCTURAL ENGINEER. STAIR RISERS MUST NOT EXCEED 7 3/4". STAIR TREADS MUST NOT BE LESS THAN 10" AS PER IRC 2006.
  - 4. WALL MOUNT STAIR RAIL. MAX PROJECTION MUST NOT EXCEED 4 1/2" FROM FACE OF FINISH WALL AS PER IRC 2006.
  - 5. PROVIDE ACCESS HATCH INTO ATTIC SPACE.
  - 6. VENT AS PER MANUFACTURER'S SPECIFICATIONS.
  - 7. DECKING OVER PFT 2x8 JOISTS @ 16" O.C. SOFFIT MATERIAL AT UNDERSIDE OF COVERED PORCH TO BE 1/4" TAG CLEAR CEILING.

REVISION SCHEDULE:

| No. | Description | Date |
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PROJECT NAME:

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**ENTRY LEVEL FLOOR PLAN**

PROJECT NUMBER: 05-006

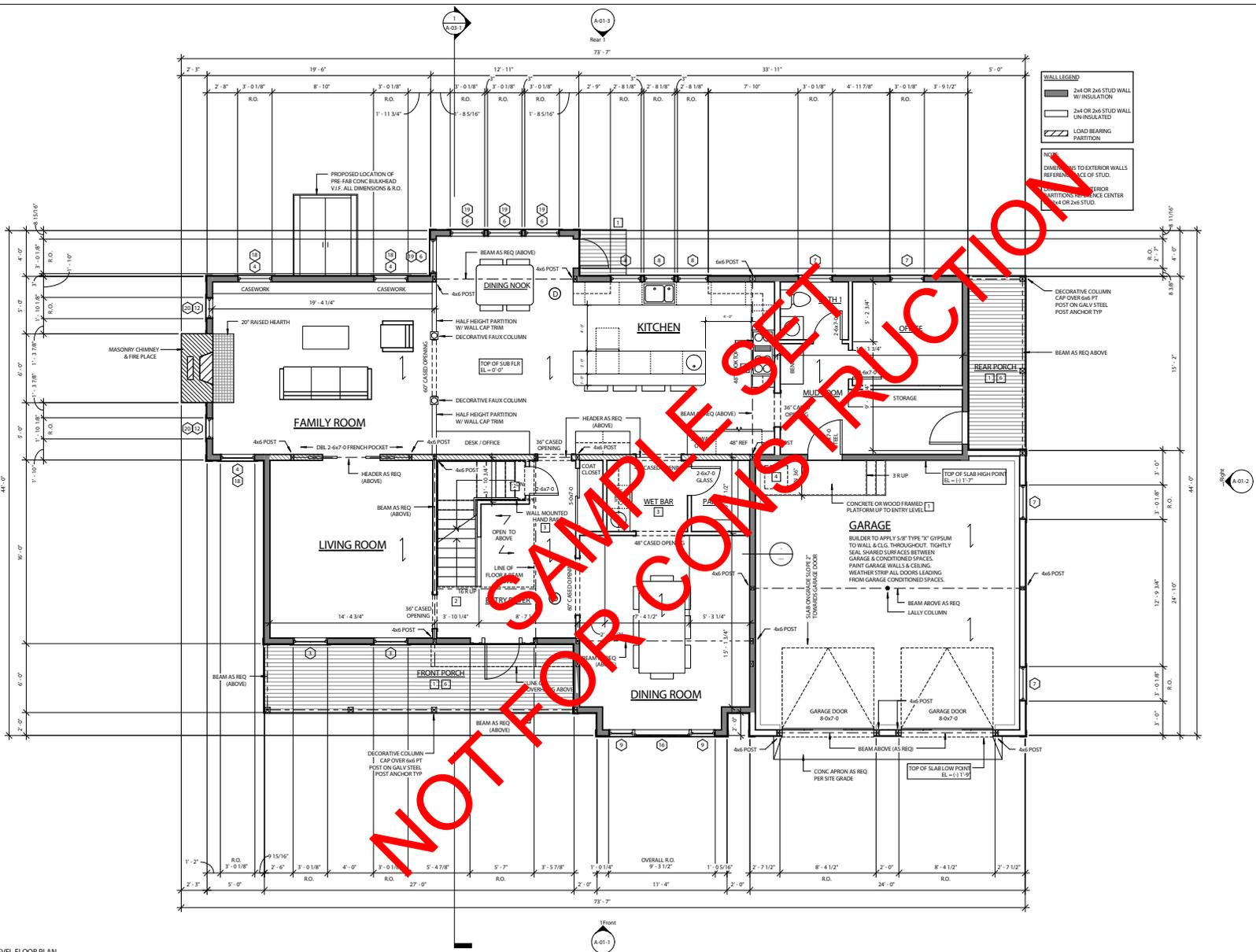
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**A-02-1**

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



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

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NOTES

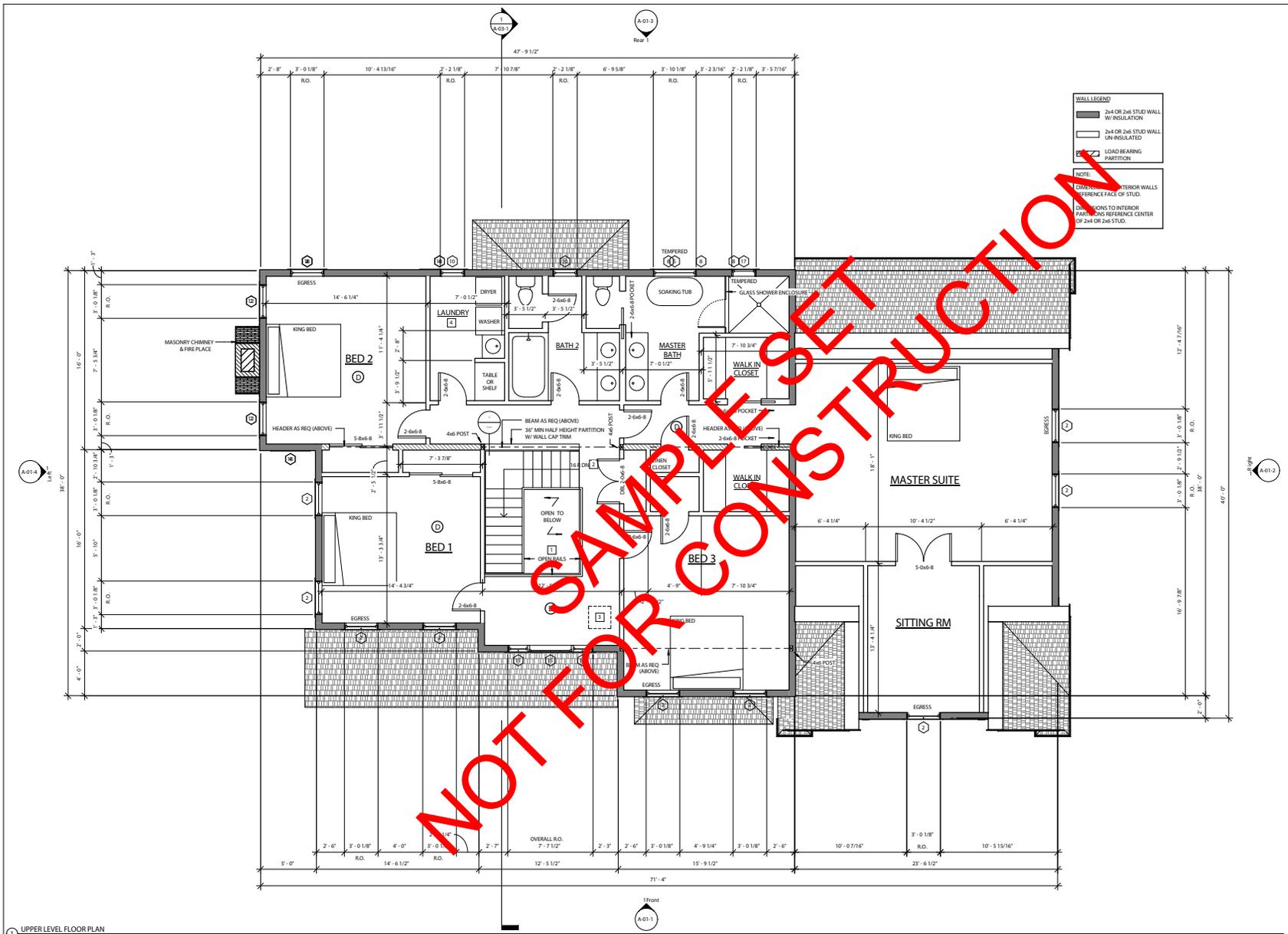
- 1. COMBINATION SMOKE & CARBON MONOXIDE DETECTORS: DETECTORS SHALL BE INSTALLED OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF BEDROOMS AND ON EACH STORY OF THE DWELLING INCLUDING BASEMENTS. ALL DETECTORS SHALL BE CONNECTED TO A SOUNDING DEVICE OR OTHER DETECTORS TO PROVIDE AN ALARM AUDIBLE IN ALL SLEEPING AREAS. ALL DETECTORS SHALL BE APPROVED AND LISTED AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- 2. MINIMUM 1" LANDING REQUIRED AT ALL ENTRY WAYS, PORCHES, BALCONIES OR RAISED FLOOR SURFACES LOCATED MORE THAN 30" ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDS NOT LESS THAN 36" IN HEIGHT.
- 3. FLOOR TO FLOOR HEIGHTS WILL VARY BASED ON DEPTH OF FLOOR FRAMING AS DETERMINED BY STRUCTURAL ENGINEER. STAIR RISERS MUST NOT EXCEED 7 3/4". STAIR TREADS MUST NOT BE LESS THAN 10" AS PER IRC 2006.
- 4. PROVIDE ACCESS HATCH INTO ATTIC SPACE.
- 5. DRIP PAN AND FLOOR DRAIN UNDER WASHER IN LAUNDRY AREA. VENT DRYER THROUGH ADJACENT EXT WALL OR UP THROUGH ROOF.

**WALL LEGEND**

- 2x4 OR 2x6 STUD WALL W/ INSULATION
- 2x4 OR 2x6 STUD WALL UN-INSULATED
- LOAD BEARING PARTITION

**NOTE:**

- 1. DIMENSIONS TO INTERIOR WALLS REFERENCE FACE OF STUD.
- 2. DIMENSIONS TO INTERIOR PARTITIONS REFERENCE CENTER OF 2x4 OR 2x6 STUD.



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

REVISION SCHEDULE:

| No. | Description | Date |
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PROJECT NAME:

**SAMPLE SET  
UPPER LEVEL  
FLOOR PLAN**

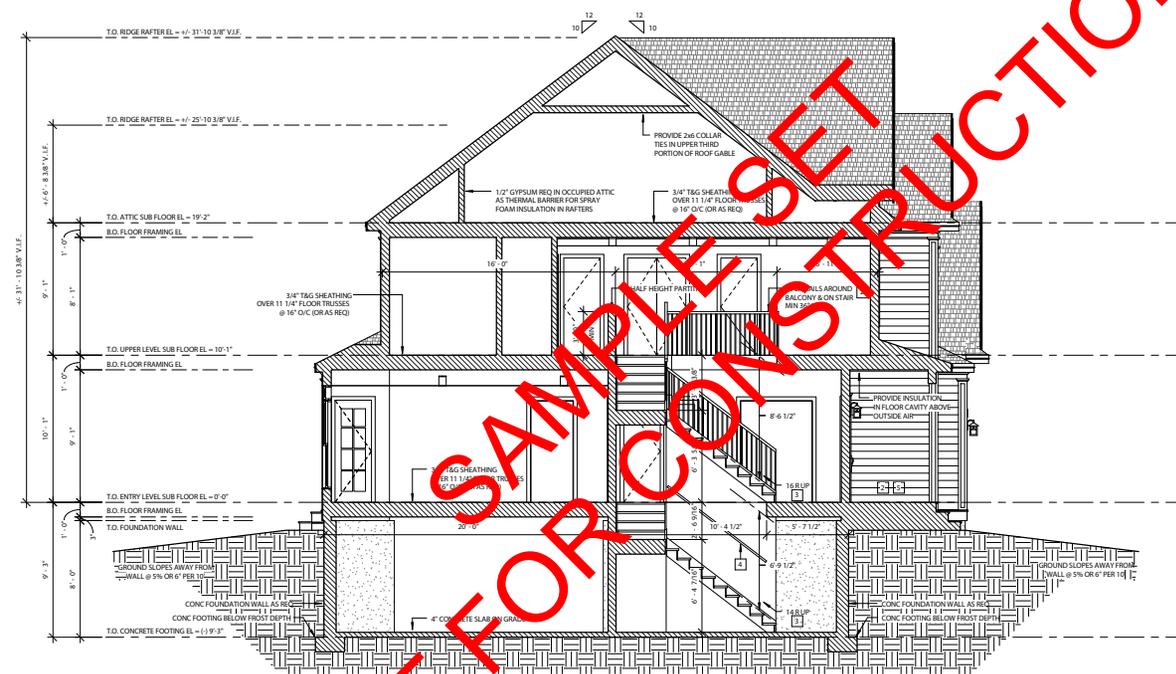
REVISION NUMBER: 05-006  
DATE: Issue Date  
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CHECKED BY: BU, SH

**A-02-2**

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

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- NOTES
- 1 DEPTH OF SPRAY FOAM INSULATION TO MEET 2006 IECC REQUIREMENT FOR THE PROJECTS CLIMATE ZONE.
  - 2 STEPS OR RAMP TO GRADE AS REQ'D PER SITE CONDITIONS. MINIMUM 5'-0" LANDING REQUIRED AT ALL ENTRYWAYS. PORCHES, BALCONIES OR RAISED FLOOR SURFACES LOCATED MORE THAN 30" ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDS NOT LESS THAN 36" IN HEIGHT.
  - 3 FLOOR TO FLOOR HEIGHTS WILL VARY BASED ON DEPTH OF FLOOR FRAMING AS DETERMINED BY STRUCTURAL ENGINEER. STAIR RISERS MUST NOT EXCEED 7 3/4". STAIR TREADS MUST NOT BE LESS THAN 10" AS PER IBC 2006.
  - 4 WALL MOUNT STAIR RAIL. MAX PROJECTION MUST NOT EXCEED 4 1/2" FROM FACE OF FINISH WALL AS PER IBC 2006.
  - 5 CHECKING OVER FT 2x6 JOISTS @ 16" O.C. SOFFIT MATERIAL AT UNDERSIDE OF COVERED PORCH TO BE 1x4 T&G CLEAR CEDAR.

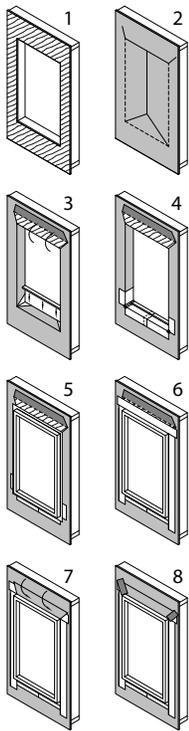


SECTION 1  
1/4" = 1'-0"

| REVISION SCHEDULE |             |      |
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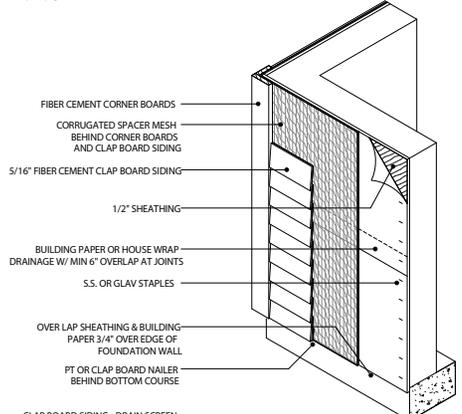
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|--------------------------|--------------|
| PROJECT NAME:            |              |
| <b>SAMPLE SET</b>        |              |
| <b>BUILDING SECTIONS</b> |              |
| PROJECT NUMBER:          | 05-006       |
| DATE:                    | Issue Date   |
| DRAWN BY:                | MY           |
| CHECKED BY:              | BU, SH       |
| <b>A-03-1</b>            |              |
| SCALE:                   | 1/4" = 1'-0" |

NOTES:

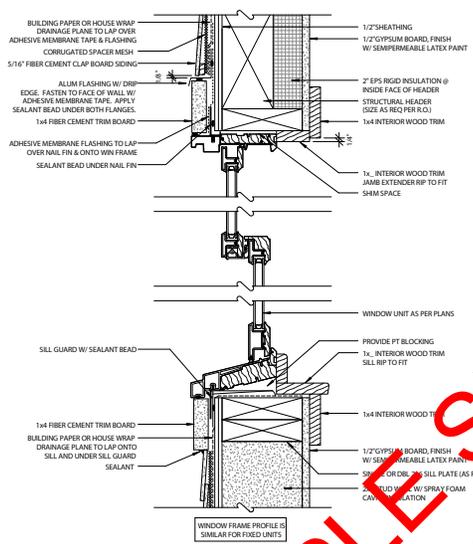


- STEP 1  
WOOD FRAME WALL WITH SHEATHING AND HOUSE WRAP
- STEP 2  
MODIFIED T<sup>1</sup> CUT IN HOUSE WRAP
- STEP 3  
-HOUSEWRAP FOLDED IN.  
-ALTERNATELY, TUCK HEAD FLAP UNDER  
-INSTALL WOOD BACKDAM
- STEP 4  
-INSTALL FIRST PIECE OF ADHESIVE BACKED FLASHING  
-INSTALL SECOND PIECE OF ADHESIVE BACKED FLASHING  
-INSTALL CORNER PATCHES AT SILL
- STEP 5  
INSTALL WINDOW FLUMB LEVEL AND SQUARE PER MANUFACTURER'S INSTRUCTIONS
- STEP 6  
INSTALL JAMB FLASHING FIRST THEN HEAD FLASHING
- STEP 7  
FOLD DOWN HOUSEWRAP AT HEAD
- STEP 8  
APPLY CORNER PATCHES AT HEAD

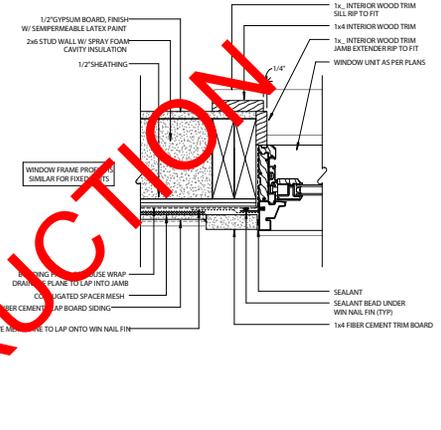
SUGGESTED WINDOW INSTALLATION (TYPICAL)  
① 1" = 1'-0"



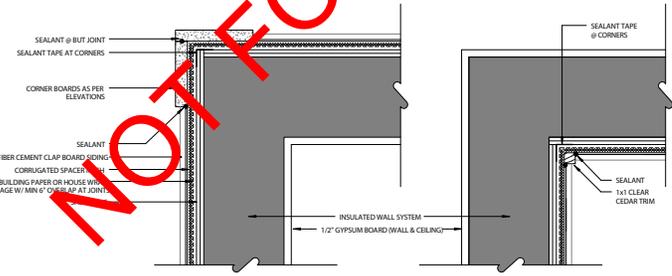
CLAP BOARD SIDING - DRAIN SCREEN - ISOMETRIC DETAIL 1  
④ 1" = 1'-0"



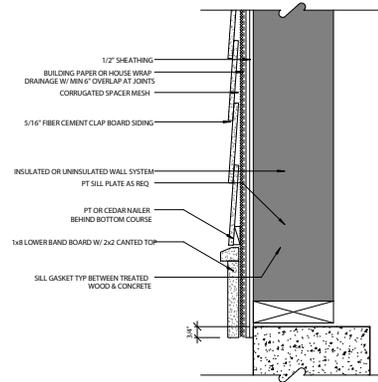
WINDOW - ANDERSON CLAD - DBL HUNG  
② HEAD/SILL DETAIL  
3" = 1'-0"



WINDOW - ANDERSON CLAD - DBL HUNG  
③ JAMB DETAIL  
3" = 1'-0"



CLAP BOARD SIDING - DRAIN SCREEN - CORNER DETAIL  
⑤ 3" = 1'-0"



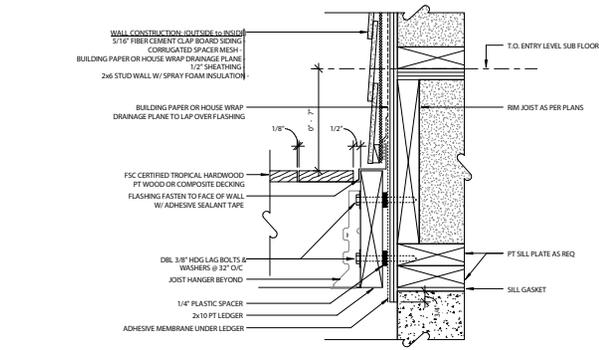
CLAP BOARD SIDING - DRAIN SCREEN - BOTTOM OF WALL DETAIL  
⑥ 3" = 1'-0"

NOT FOR CONSTRUCTION

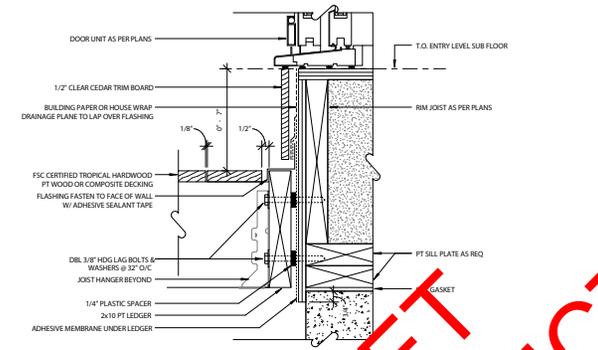
| REVISION SCHEDULE |             |      |
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| PROJECT NAME:                   |              |
| <b>SAMPLE SET<br/>DETAILS 1</b> |              |
| PROJECT NUMBER:                 | 05-006       |
| DATE:                           | Issue Date   |
| DRAWN BY:                       | MY           |
| CHECKED BY:                     | BU, SH       |
| <b>A-04-1</b>                   |              |
| SCALE:                          | As indicated |

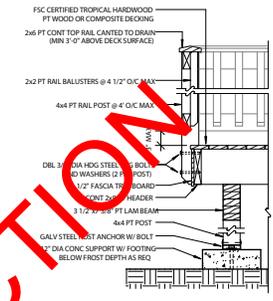
NOTES:



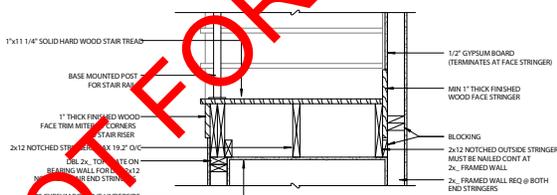
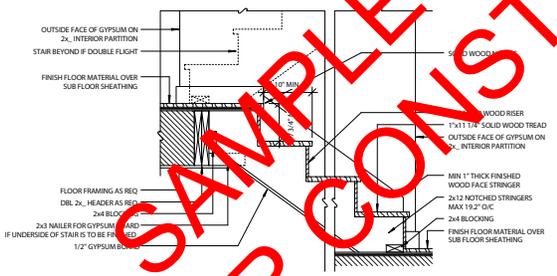
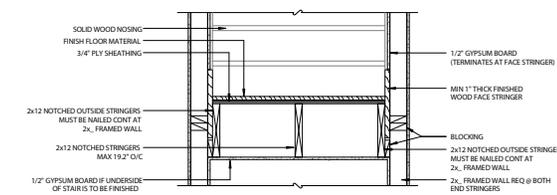
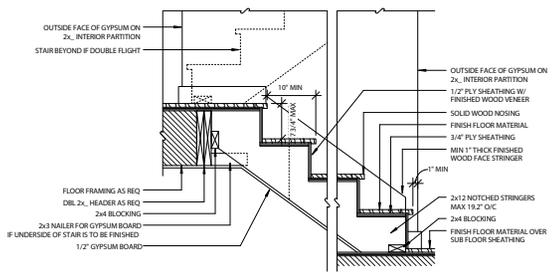
1 DECK LEDGER @ WALL - CBT TRUSS  
FLOOR  
3" = 1'-0"



2 DECK LEDGER @ DOOR - CBT TRUSS  
FLOOR  
3" = 1'-0"



3 DECK EDGE W/ RAIL  
1" = 1'-0"

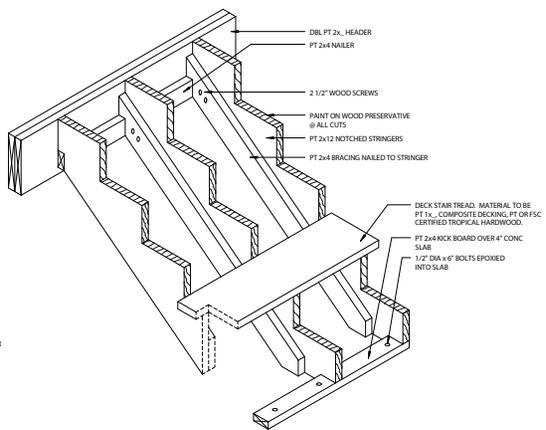


STAIRWAYS SHALL NOT BE LESS THAN 36" IN CLEAR WIDTH AT ALL POINTS ABOVE THE PERMITTED HANDRAIL HEIGHT. HANDRAILS SHALL NOT PROJECT MORE THAN 4.5" ON EITHER SIDE OF THE STAIRWAY AND THE MINIMUM CLEAR WIDTH OF THE STAIRWAY AT AND BELOW THE HANDRAIL HEIGHT, INCLUDING TREADS AND LANDINGS, SHALL NOT BE LESS THAN 31.5" WHERE HANDRAIL IS ON ONE SIDE AND 27" WHERE HANDRAILS ARE PROVIDED ON BOTH SIDES. STAIR RISERS MUST NOT EXCEED 7.75". STAIR TREADS MUST NOT BE LESS THAN 10" AS PER IRC 2009.

5 INTERIOR STAIR - SECTION DETAIL  
1" = 1'-0"

STAIRWAYS SHALL NOT BE LESS THAN 36" IN CLEAR WIDTH AT ALL POINTS ABOVE THE PERMITTED HANDRAIL HEIGHT. HANDRAILS SHALL NOT PROJECT MORE THAN 4.5" ON EITHER SIDE OF THE STAIRWAY AND THE MINIMUM CLEAR WIDTH OF THE STAIRWAY AT AND BELOW THE HANDRAIL HEIGHT, INCLUDING TREADS AND LANDINGS, SHALL NOT BE LESS THAN 31.5" WHERE HANDRAIL IS ON ONE SIDE AND 27" WHERE HANDRAILS ARE PROVIDED ON BOTH SIDES. STAIR RISERS MUST NOT EXCEED 7.75". STAIR TREADS MUST NOT BE LESS THAN 10" AS PER IRC 2009.

4 INTERIOR STAIR - SECTION DETAIL  
1" = 1'-0"



6 DECK STAIR - ISOMETRIC DETAIL  
1" = 1'-0"

| REVISION SCHEDULE: |             |      |
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PROJECT NAME:

**SAMPLE SET  
DETAILS 2**

PROJECT NUMBER: 05-006

DATE: Issue Date

DRAWN BY: MY

CHECKED BY: BU, SH

**A-04-2**

SCALE: As indicated

NOTES:

**BASEMENT / CRAWL SPACE SLABS:**  
 THE BUILDER ASSUMES ALL RESPONSIBILITIES FOR PROVIDING ACCESS FOR DUCT AND PLUMBING CHASES BELOW CONCRETE SLABS AND THROUGH FOUNDATION WALLS AS REQUIRED. IT IS ALSO THE RESPONSIBILITY OF THE BUILDER TO PROVIDE ADEQUATE LIGHT AND VENTILATION FOR BASEMENTS AND OR CRAWL SPACES AS REQUIRED BY LOCAL CODES.

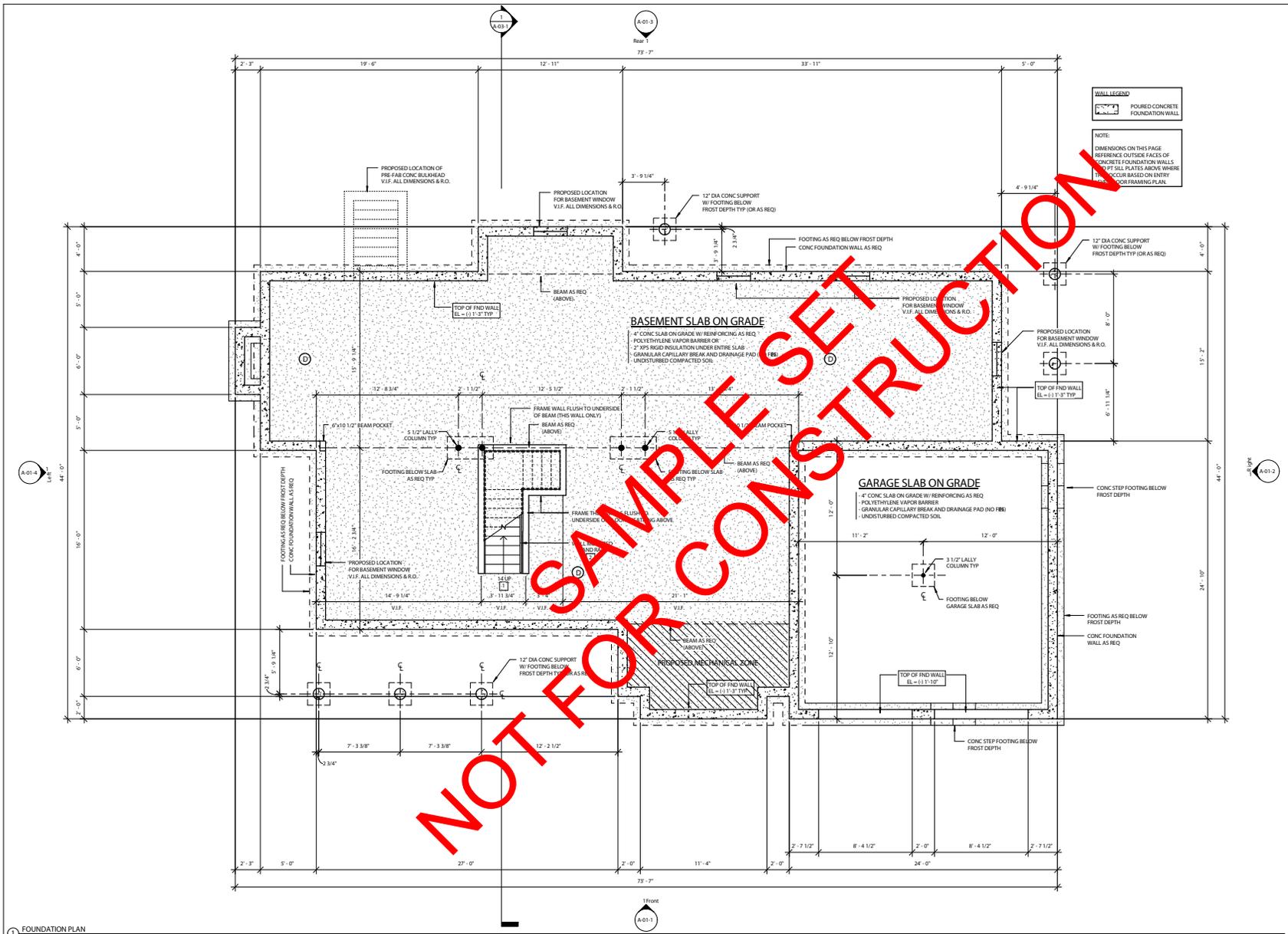
① **COMBINATION SMOKE & CARBON MONOXIDE DETECTORS:**  
 DETECTORS SHALL BE INSTALLED OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF BEDROOMS AND ON EACH STORY OF THE DWELLING INCLUDING BASEMENTS. ALL DETECTORS SHALL BE CONNECTED TO A SOUNDING DEVICE OR OTHER DETECTORS TO PROVIDE AN ALARM AUDIBLE IN ALL SLEEPING AREAS. ALL DETECTORS SHALL BE APPROVED AND LISTED AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

② **FLOOR TO FLOOR HEIGHTS WILL VARY** BASED ON DEPTH OF FLOOR FRAMING AS DETERMINED BY STRUCTURAL ENGINEER. STAIR RISERS MUST NOT EXCEED 7 1/4". STAIR TREADS MUST NOT BE LESS THAN 10" AS PER IRC 2006.

③ **WALL MOUNT STAIR RAIL.** MAX PROJECTION MUST NOT EXCEED 4 1/2" FROM FACE OF FINISH WALL AS PER IRC 2006.

**WALL LEGEND**  
 Poured Concrete Foundation Wall

**NOTE:**  
 DIMENSIONS ON THIS PAGE REFER TO OUTSIDE FACES OF CONCRETE FOUNDATION WALLS UNLESS NOTED OTHERWISE. DIMENSIONS OCCUR BASED ON ENTRY POINTS FOR FRAMING PLAN.



① FOUNDATION PLAN  
 1/4" = 1'-0"

REVISION SCHEDULE:

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PROJECT NAME:

**SAMPLE SET  
 FOUNDATION PLAN**

PROJECT NUMBER: 05-006  
 DATE: Issue Date  
 DRAWN BY: MY  
 CHECKED BY: BU, SH

**A-05-1**

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

GENERAL:

NOTES:

- 1 PROVIDE 2x6 SOLID BRIDGING TO ATTACH SECURELY TO EACH TRUSS AND AT END WALLS.
- 2 PROVIDE 2x12 BRIDGING BETWEEN EACH TRUSS.
- 3 PROVIDE SOLID BRIDGING UNDER ALL POINT LOADS FROM ABOVE.

REVISION SCHEDULE:

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PROJECT NAME:

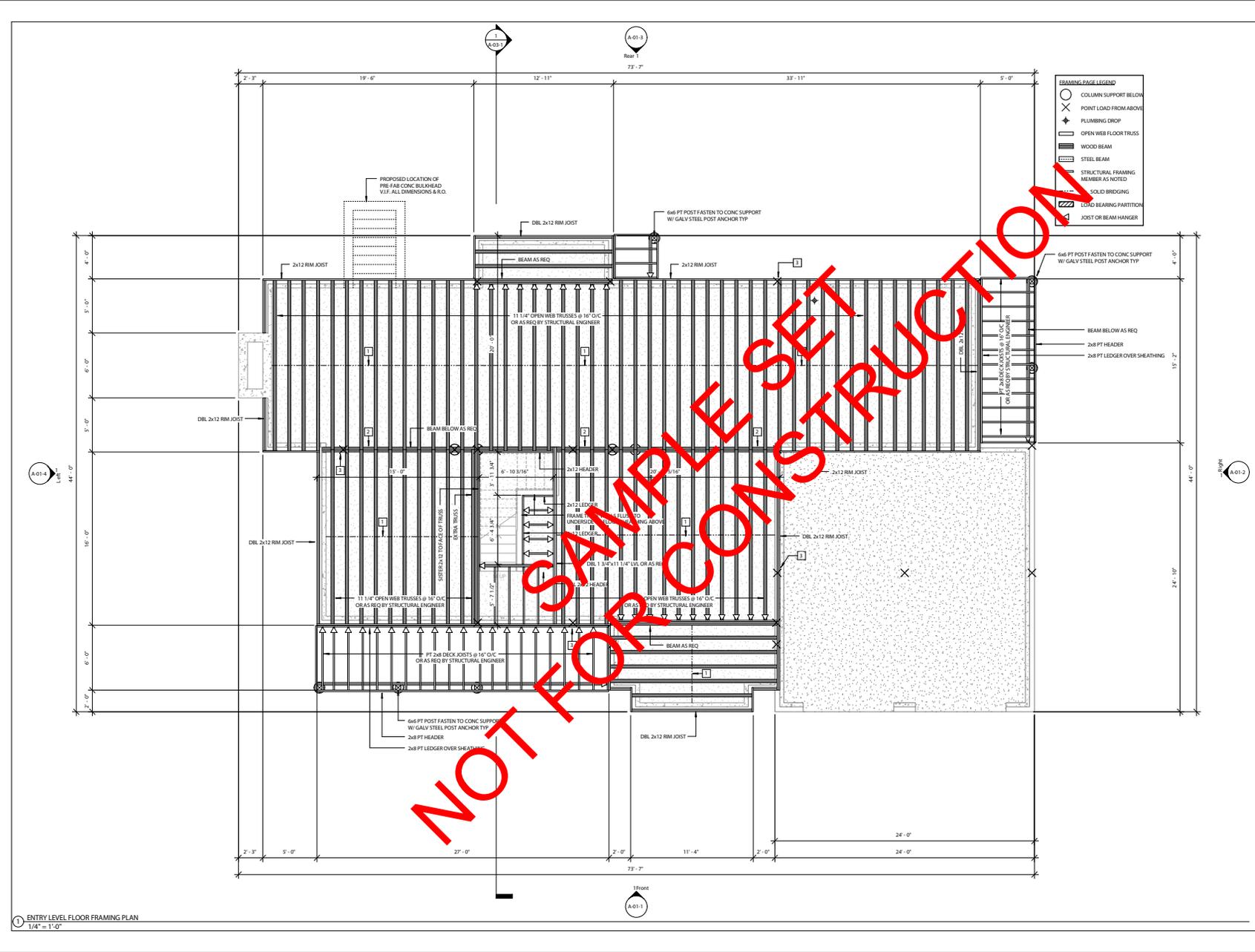
**SAMPLE SET**  
**ENTRY LEVEL FLOOR**  
**FRAMING PLAN**

PROJECT NUMBER: 05-006  
 DATE: Issue Date  
 DRAWN BY: MY  
 CHECKED BY: BU, SH

**A-05-2**  
 SCALE 1/4" = 1'-0"

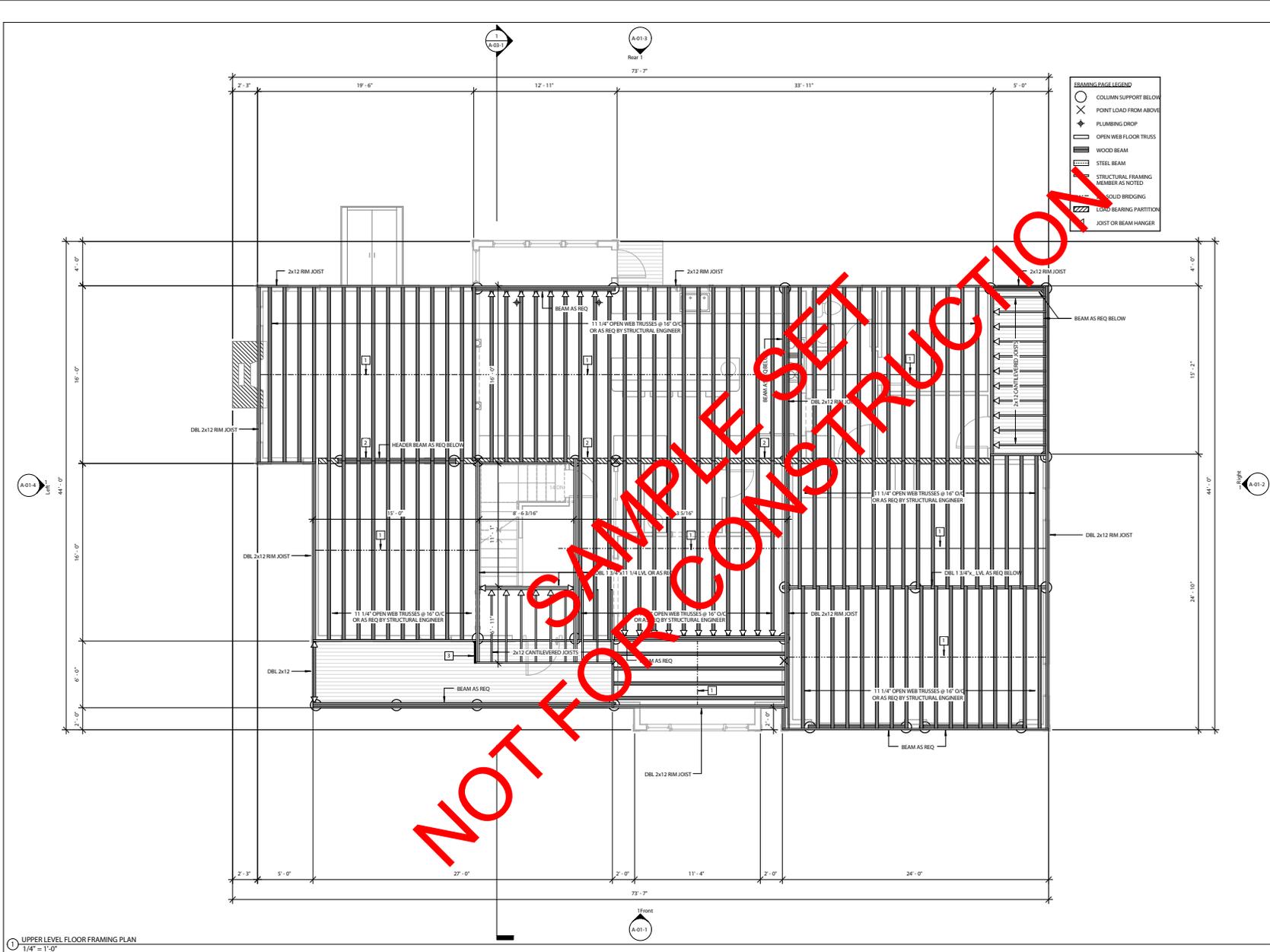
**FRAMING PAGE LEGEND**

- COLUMN SUPPORT BELOW
- POINT LOAD FROM ABOVE
- ◆ PLUMBING DROP
- OPEN WEB FLOOR TRUSS
- ▬ WOOD BEAM
- ▬ STEEL BEAM
- ▬ STRUCTURAL FRAMING MEMBER AS NOTED
- ▬ SOLID BRIDGING
- ▬ LOAD BEARING PARTITION JOIST OR BEAM HANGER



NOT FOR SAMPLE SET CONSTRUCTION

1 ENTRY LEVEL FLOOR FRAMING PLAN  
 1/4" = 1'-0"



**FRAMING PAGE LEGEND**

- COLUMN SUPPORT BELOW
- POINT LOAD FROM ABOVE
- ⊥ FLUMLING DROP
- OPEN WEB FLOOR TRUSS
- ▬ WOOD BEAM
- ▬ STEEL BEAM
- ▬ STRUCTURAL FRAMING MEMBER AS NOTED
- ▬ SOLID BRIDGING
- ▨ LOAD BEARING PARTITION
- JOIST OR BEAM HANGER

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GENERAL:

NOTES:

- 1 PROVIDE 2x6 SOLID BRIDGING TO ATTACH SECURELY TO EACH TRUSS AND AT END WALLS.
- 2 PROVIDE 2x12 BLOCKING BETWEEN EACH TRUSS.
- 3 IN THIS LOCATION ONLY FOUR CUT ROUGH FACE OF OVERHANG BY 2" (W.L.F.) TO BE FLUSH WITH OUTSIDE FACE OF EX' STUD WALL ABOVE.

REVISION SCHEDULE:

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PROJECT NAME:

**SAMPLE SET**

**UPPER LEVEL FLR**

**FRAMING PLAN**

PROJECT NUMBER: 05-006

DATE: Issue Date

DRAWN BY: MY

CHECKED BY: BU, SH

**A-05-3**

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

1 UPPER LEVEL FLOOR FRAMING PLAN  
1/4" = 1'-0"

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GENERAL:

GENERAL:

- NOTES:
- 1 PROVIDE 2x6 SOLID BRIDGING TO ATTACH SECURELY TO EACH TRUSS AND AT END WALLS.
  - 2 PROVIDE 2x12 BLOCKING BETWEEN EACH TRUSS.

| REVISION SCHEDULE: |             |      |
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PROJECT NAME:

**SAMPLE SET  
ATTIC FLOOR  
FRAMING PLAN**

|                 |            |
|-----------------|------------|
| PROJECT NUMBER: | 05-006     |
| DATE:           | Issue Date |
| DRAWN BY:       | Author     |
| CHECKED BY:     | Checker    |

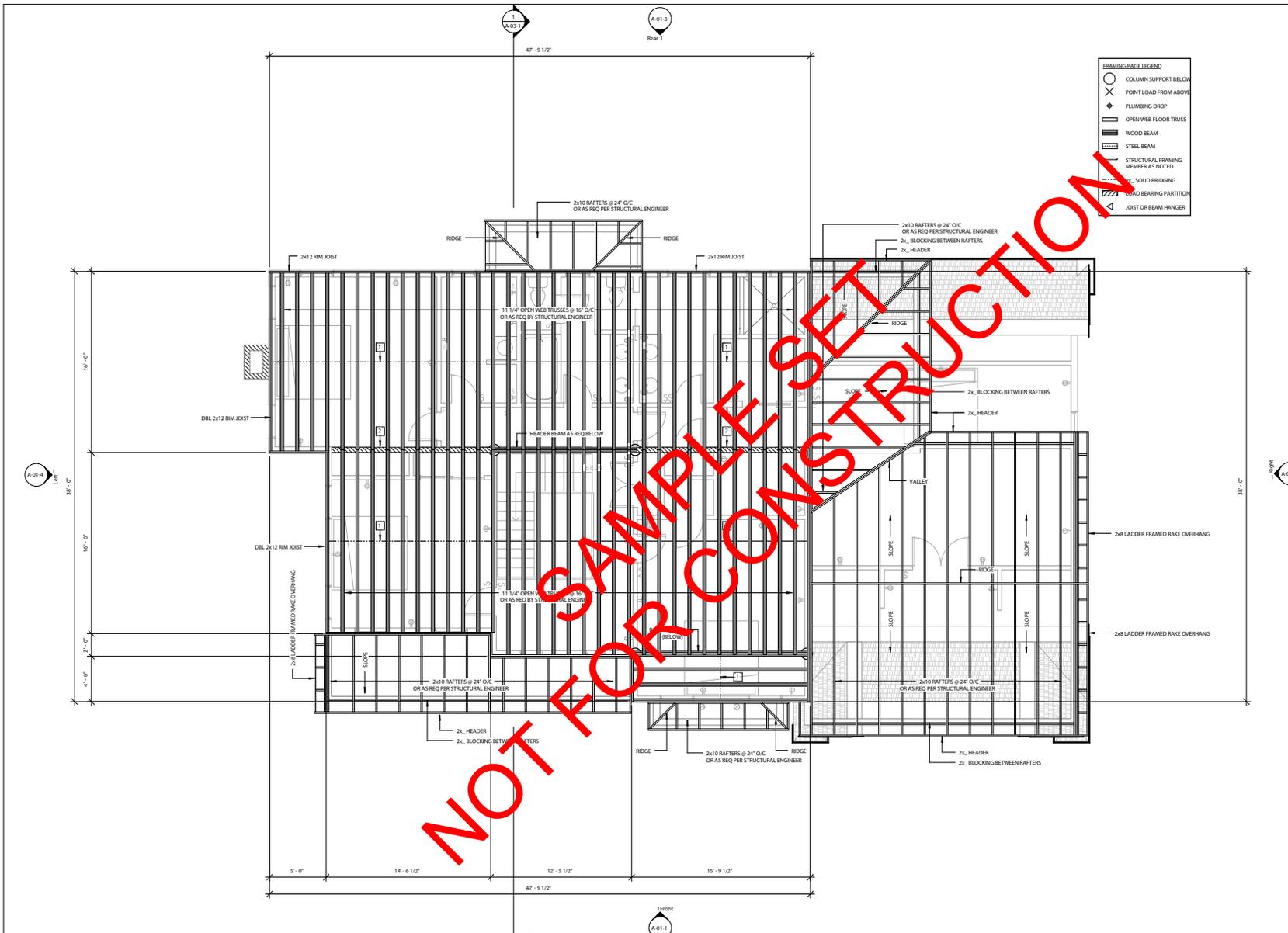
**A-05-4**

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| SCALE | 1/4" = 1'-0" |
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**FRAMING PAGE LEGEND**

- COLUMN SUPPORT BELOW
- POINT LOAD FROM ABOVE
- PLUMBING DROP
- OPEN WEB FLOOR TRUSS
- WOOD BEAM
- STEEL BEAM
- STRUCTURAL FRAMING MEMBER AS NOTED
- 2x6 SOLID BRIDGING
- 2x6 BEARING PARTITION
- JOIST OR BEAM HANGER

NOT FOR SAMPLE SET CONSTRUCTION



1 ATTIC FLOOR FRAMING PLAN  
1/4" = 1'-0"

GENERAL:

NOTES:

REVISION SCHEDULE:

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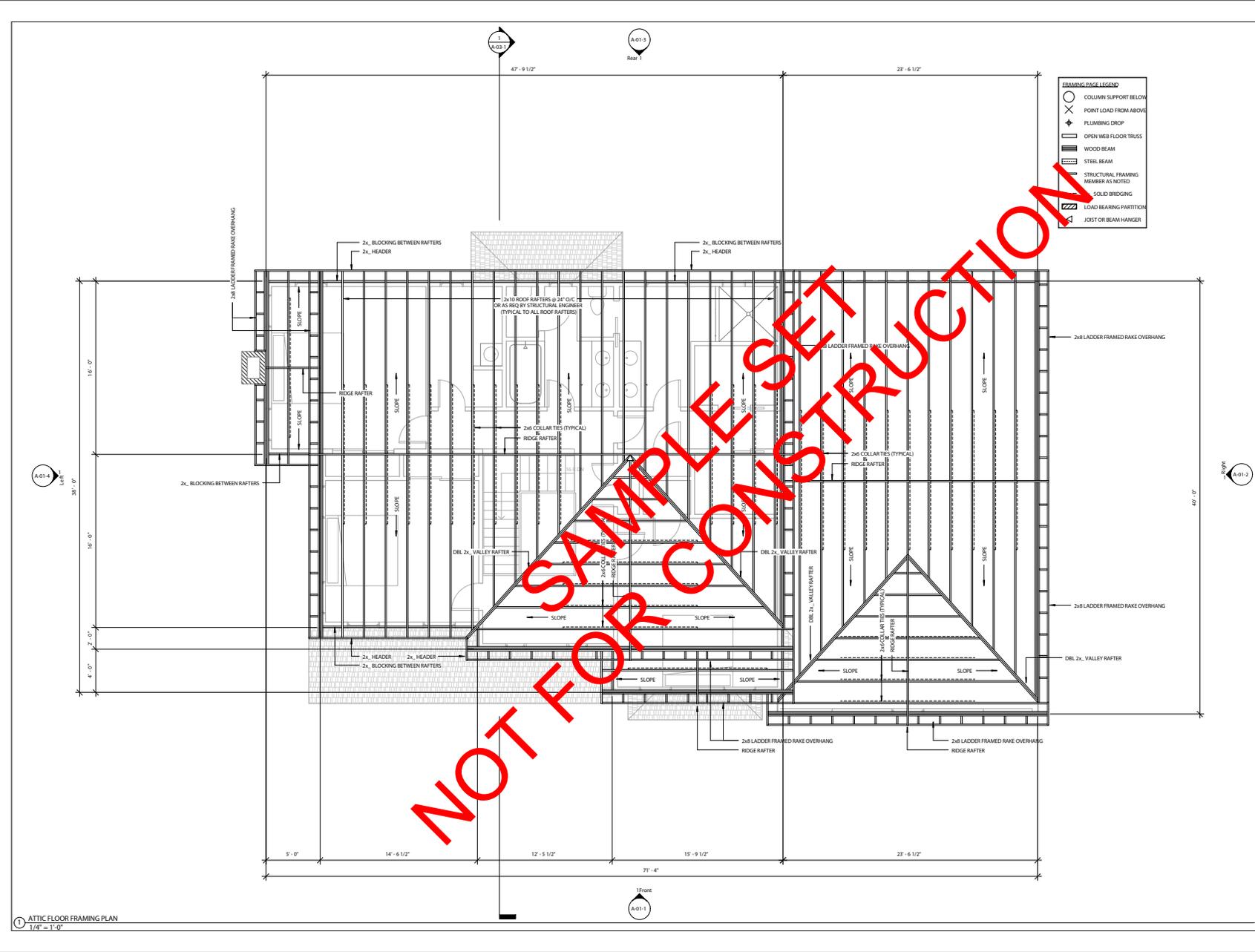
PROJECT NAME:

**SAMPLE SET  
ROOF FRAMING  
PLAN**

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| PROJECT NUMBER: | 05-006       |
| DATE:           | Issue Date   |
| DRAWN BY:       | MY           |
| CHECKED BY:     | BU, SH       |
| <b>A-05-5</b>   |              |
| SCALE:          | 1/4" = 1'-0" |

**FRAMING PAGE LEGEND**

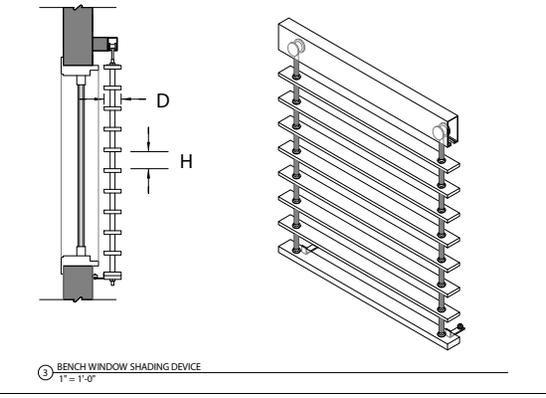
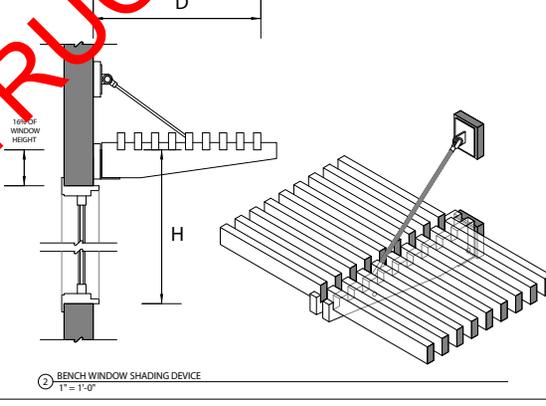
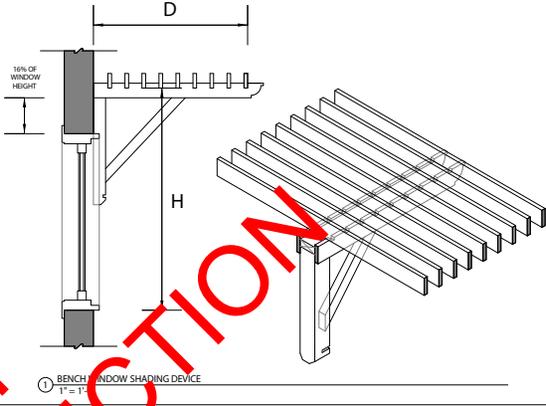
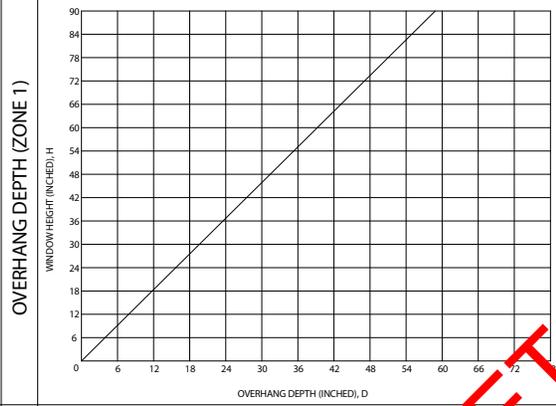
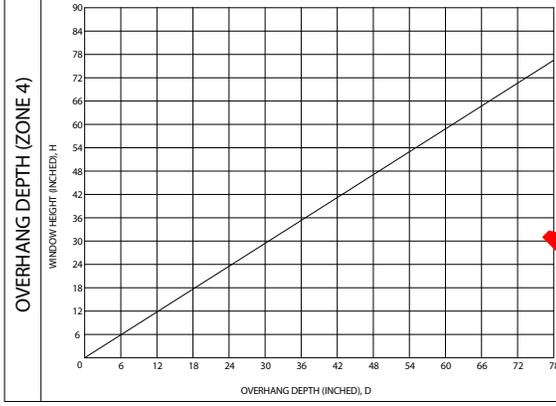
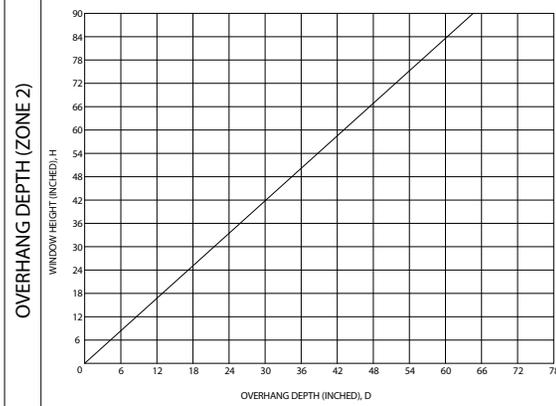
- COLUMN SUPPORT BELOW
- ⊕ POINT LOAD FROM ABOVE
- ⊕ PLUMBING DRIP
- OPEN WEB FLOOR TRUSS
- ▬ WOOD BEAM
- ▬ STEEL BEAM
- ▬ STRUCTURAL FRAMING MEMBER AS NOTED
- ▬ SOLID BRIDGING
- ▬ LOAD BEARING PARTITION
- ⊕ JOIST OR BEAM HANGER



NOT FOR SAMPLE SET CONSTRUCTION

1 ATTIC FLOOR FRAMING PLAN  
1/4" = 1'-0"

STEP 1: FIND YOUR ZONE  
 STEP 2: FROM THE TABLE, DETERMINE OVERHANG DEPTH FOR YOUR WINDOWS  
 STEP 3: CHOOSE YOUR WINDOW SUN SHADING DEVICE  
 STEP 4: CHOOSE YOUR MATERIALS



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 ABOUT THIS PAGE:  
 EXTERNAL WINDOW SHADING DEVICES ARE AN EFFECTIVE METHOD FOR REDUCING HEAT GAIN THROUGH WINDOWS DURING SUMMER. IN FACT, EXTERNAL SHADING DEVICES CAN REDUCE HEAT GAIN BY UP TO 50% IF SIZED AND BUILT PROPERLY. WITH THIS MIND, FREEGREEN HAS CREATED THIS PAGE TO ASSIST HOME BUILDERS IN CONSTRUCTING EFFECTIVE WINDOW SHADING DEVICES. THE INFORMATION WE PROVIDE INCLUDES A ZONING MAP OF THIRTY-THREE STATES, ZONING CHARTS FOR PROFESSIONAL DESIGNERS, AND A VARIETY OF SHADING DEVICE STYLES AND MATERIALS TO SUITE DIFFERENT TASTES AND DIFFERENT HOME DESIGNS.

MATERIAL SPECIFICATION:  
 WOOD TYPES:  
 - PRESSURE TREATED  
 - WESTERN RED CEDAR  
 - TROPICAL HARDWOOD (IF SC CERTIFIED REQUIRED)  
 - MAHOGANY  
 - MASSARANDUBA

HARDWARE:  
 ALL HARDWARE MUST BE EITHER HOT DIPPED GALVANIZED STEEL OR STAINLESS STEEL. FREEGREEN RECOMMENDS ONLY STAINLESS STEEL FOR HOUSE LOCATIONS IN CLOSE PROXIMITY TO THE OCEAN.

FINISHES:  
 IF USING PRESSURE TREATED WOOD SEAL & FINISH TO MATCH EXTERIOR WINDOW TRIM.  
 IF USING WESTERN RED CEDAR SEAL & FINISH TO MATCH EXTERIOR WINDOW TRIM.

IF USING TROPICAL HARDWOOD FINISH MAY NOT BE REQUIRED. SEALING AND FINISHING OF TROPICAL HARDWOODS WILL VARY BY SPECIES. CONSULT WITH YOUR PROVIDER FOR RECOMMENDED FINISHES FOR ALL TROPICAL HARDWOOD PRODUCTS.

REVISION SCHEDULE:

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PROJECT NAME:  
**SAMPLE SET**  
**WINDOW SHADING**  
**DETAILS**  
 PROJECT NUMBER: 05-006  
 DATE: Issue Date  
 DRAWN BY: Author  
 CHECKED BY: Checker

A-06-1  
 SCALE 1" = 1'-0"