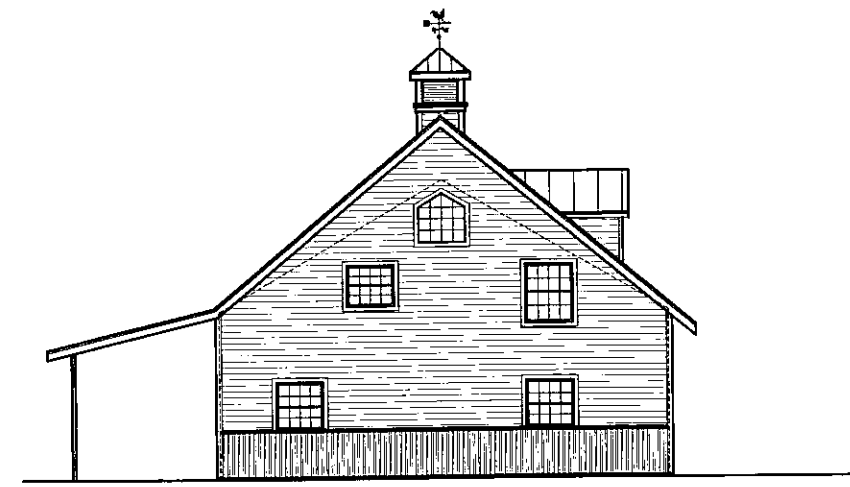
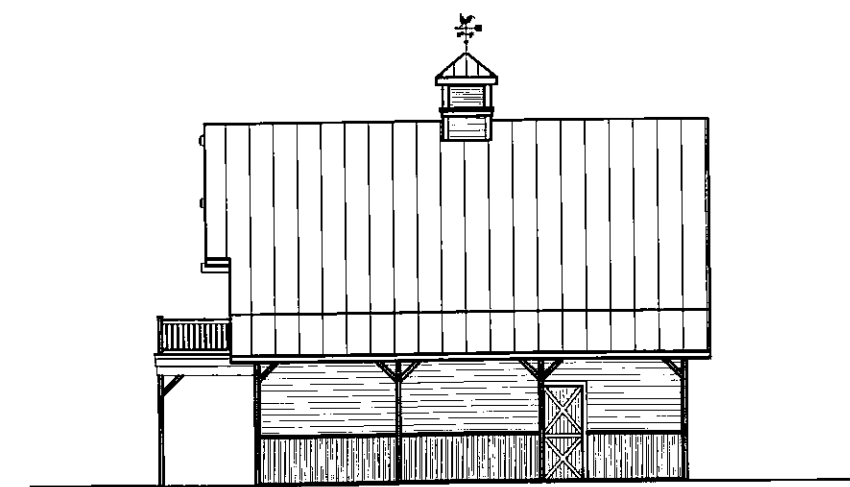


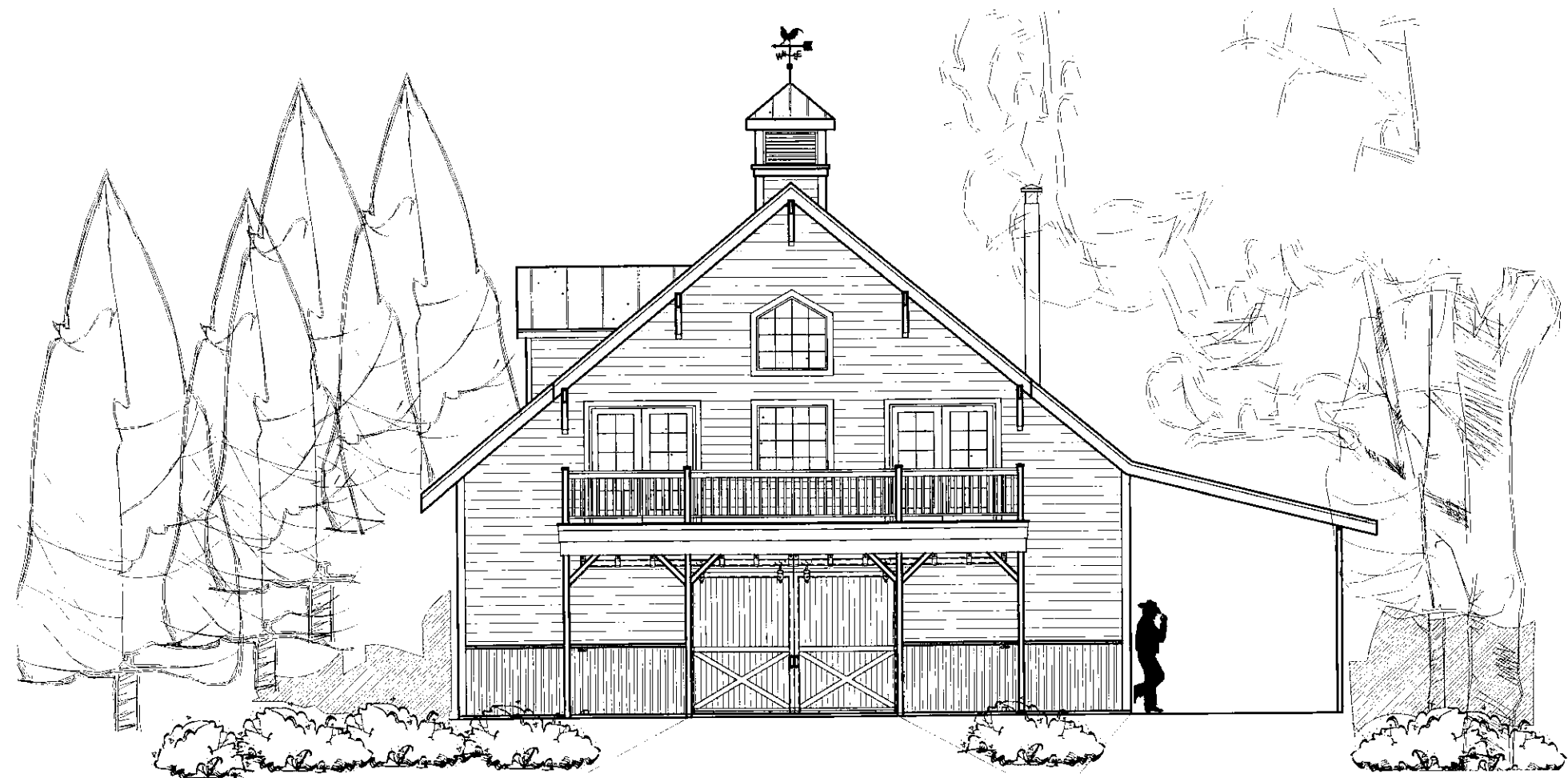
Side Elevation



Rear Elevation



Side Elevation



MR. & MRS. MUELLER BARN HOUSE

STEVEN COUNTY, WA.

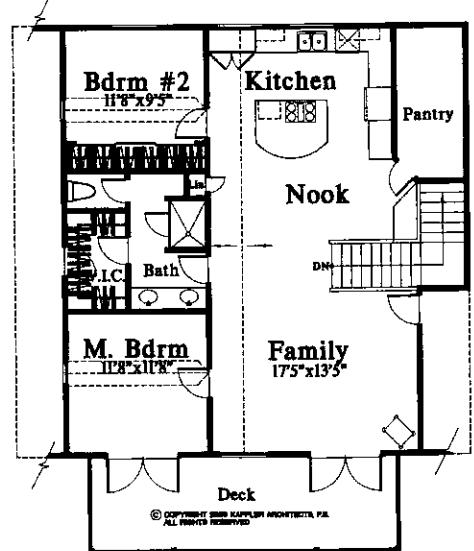
SQUARE FOOTAGE

MAIN FLOOR	312 SF
UPPER FLOOR	1105 SF
TOTAL	1417 SF
WORKSHOP	1056 SF
DECK / PATIO	640 SF

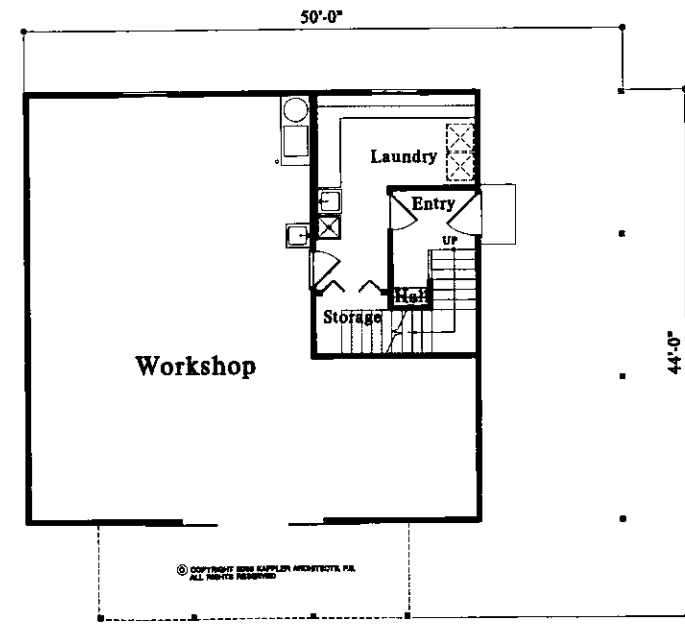
SQUARE FOOTAGE IS MEASURED TO THE OUTSIDE FACE OF WALLS. STAIRS ARE COUNTED ONCE IN CALCULATIONS. OPEN TO BELOW SPACES AND GARAGES ARE NOT INCLUDED IN CALCULATIONS.

DRAWING INDEX

- A1. CODE NOTES
- A2. FOUNDATION & DETAILS
- A3. MAIN FLOOR PLAN
- A4. UPPER FLOOR FRAMING DETAILS
- A5. UPPER FLOOR PLAN
- A6. UPPER ROOF FRAMING & DETAILS
- A7. ELEVATIONS & BUILDING SECTIONS



Upper Floor Plan



Main Floor Plan

DATE: 05/20/04
 CITY: BELLEVUE, WA
 STATE: WA
 COUNTY: STEVEN
 PERMIT SET
 REVISIONS
 ARCHITECT'S SIGNATURE REQUIRED

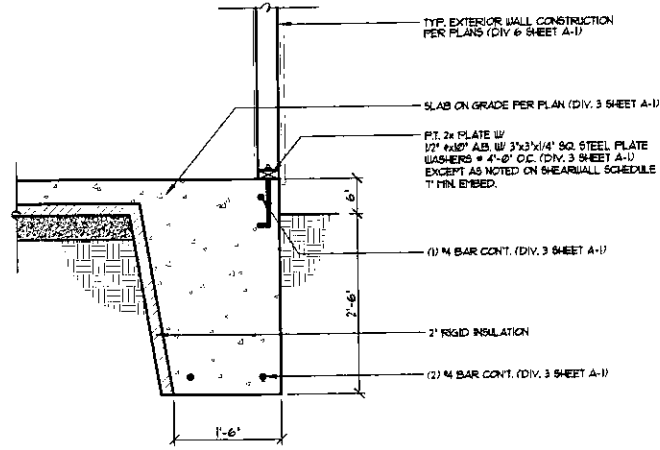
Date	By	Description

CUSTOMIZED FOR ONE TIME USE
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 STEVEN COUNTY, WA
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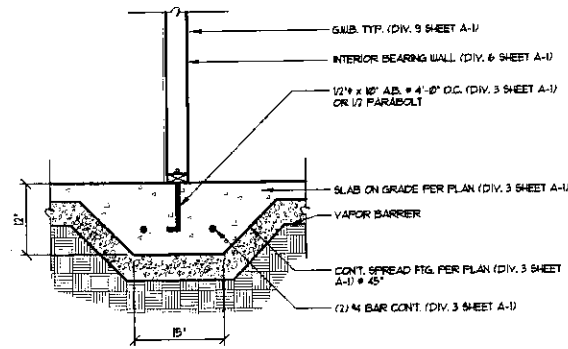
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TITLE
 JOB NO.: 0801.02
 STARTING NO.: 0801.03

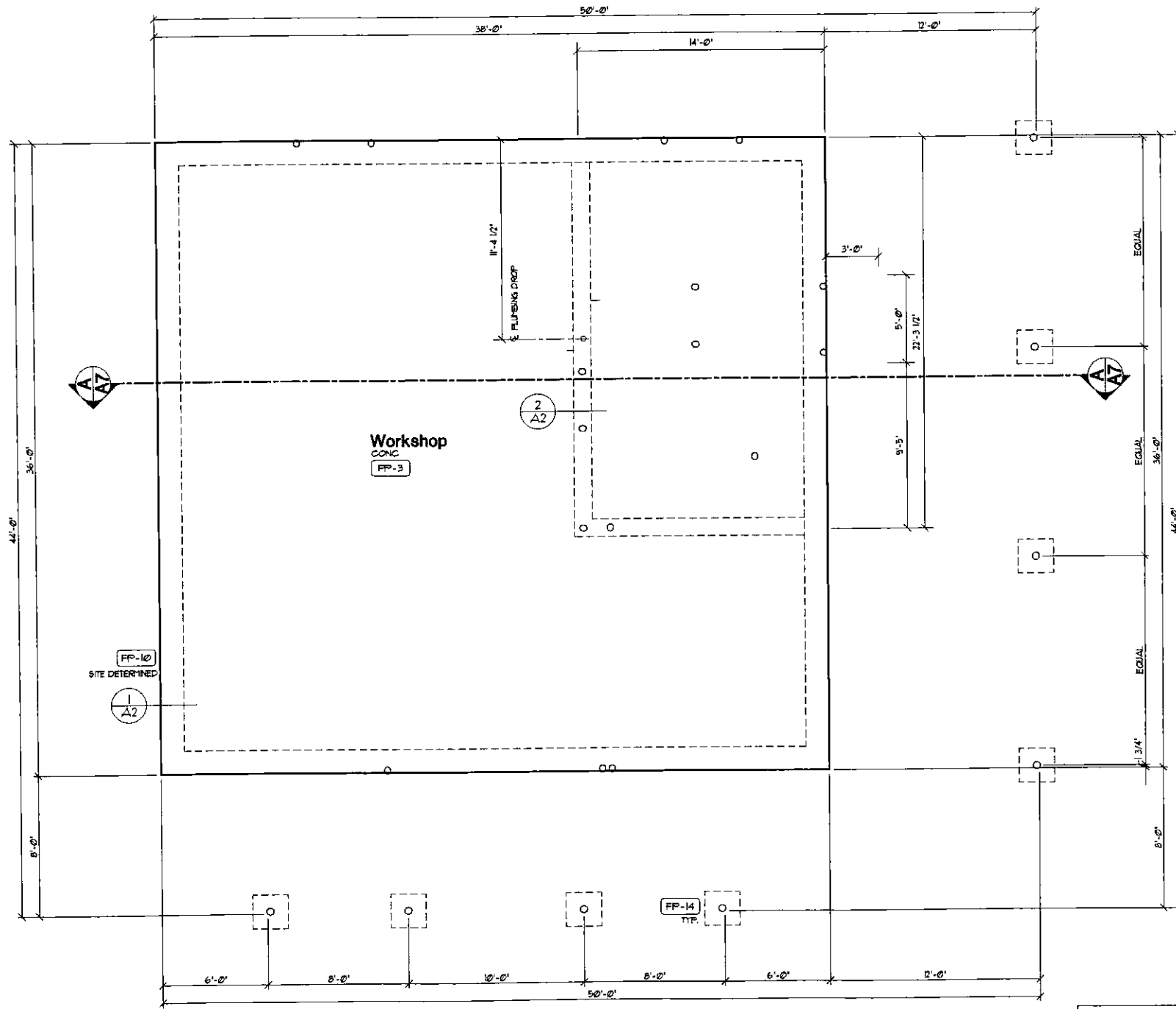
SHEET
COVER SHEET



1 MONOLITHIC SLAB/FOOTING DETAIL
3/4'-1'-0



2 FOUNDATION/FRAMING CONNECTION
3/4'-1'-0



STACKED FRAMING PER 2006 IRC SECTION R602.3.3

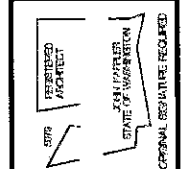
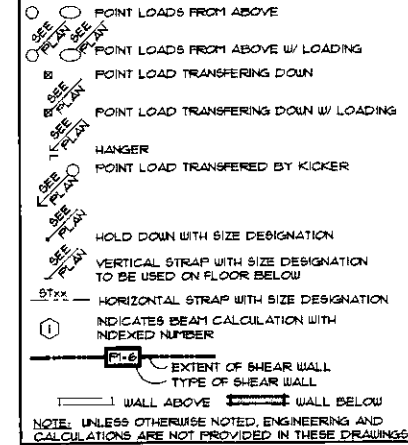
GENERAL FRAMING NOTES

- SEE COVER SHEET FOR ALL GENERAL NOTES AND REQUIREMENTS.
- SEE TYPICAL MATERIALS LIST ON SECTION SHEET
- SEE COVERSHEET FOR ALL NOTES AND REQUIREMENTS CONCERNING MECHANICAL, PLUMBING, AND ELECTRICAL.
- TRUSS DESIGN BY MANF. TRUSS PLAN. SHOWN IS FOR GENERAL LAYOUT ONLY. SEE DIV. 6100 SHEET A-1.
 - TRUSS LOADING
 - SEE DIV. 010001A SHEET A-1
 - TRUSS SPAN PER FLOOR PLANS
 - TRUSS TYPE PER ROOF FRAMING PLAN
- ROOF FRAMING SPACING, 24" O.C. UNO.
- ROOF PITCH- EXTERIOR PER ELEVATION INTERIOR PER SECTION.
- RAFTER TAIL 2x4. VERIFY.
- ROOF TAIL AND RAKE OVERHANG PER ROOF PLAN.
- ALL HEADERS ARE 4x10 DF #2 UNO. PROVIDE (1) TRIMMER STUD UP TO 4'-0" SPAN AND (2) TRIMMER STUDS OVER 4'-0" UNO. SEE DIV. 06100 SHEET A-1

FOUNDATION KEYNOTES

- FP-1 CONCRETE STEM WALL 8" WIDE WITH MIN. 15"x10" FOOTING. SEE DETAILS FOR ADDITIONAL INFORMATION. SEE DIV. 3 SHEET A-1
- FP-2 CONCRETE STEM WALL 6" WIDE WITH MIN. 12"x10" FOOTING. SEE DETAILS FOR ADDITIONAL INFORMATION. SEE DIV. 3 SHEET A-1
- FP-3 CONCRETE SLAB ON GRADE SHALL BE A MINIMUM OF 3 1/2" THICK STEEL TROULELED FINISH W/ 6x6 W4x4 WUP ON 4" GRANULAR FILL. SLOPE 2" TO DOOR. PROVIDE THICKENED EDGE AT DOOR. SEE DIV. 3 SHEET A-1
- FP-4 6x6 POST ON CB66. 1" ABOVE SLAB ON 36"x36"x12" MAT FOOTING ON SOLID SUBSTRATE W/ (4) #4 BAR EACH WAY. SEE DIV. 3 SHEET A-1
- FP-5 CRAWL SPACE VENT. SEE CALCULATION BELOW. SEE DIV. 1 SHEET A-1
- FP-6 ALL CRIPPLE WALLS ARE TO BE SPACED @ 16" O.C. UNO. AND TO BE OF A SIZE NOT LESS THAN THE STUDS ABOVE. WHEN EXCEEDING 4' IN HEIGHT, THE STUDS ARE TO BE SIZED FOR AN ADDITIONAL FLOOR PER IJC SECTION R602.3. SEE DIV. 6 SHEET A-1
- FP-7 4x10 BEAM LINE. MIN. 1" CLEARANCE FROM CONCRETE AT END OF BEAMS. SEE DIV. 6 SHEET A-1
- FP-8 4x4 PRESSURE TREATED POST (SCAB POST AND BEAM WITH 2x4) ON 90° FELT ON MAT FOOTING UNO. PROVIDE 4x6 POST @ BEAM SPLICE + POSITIVE CONNECTION FROM POST TO FOOTING. PER DETAIL 16/D1. SEE DIV. 6 SHEET A-1
- FP-9 6 MIL BLACK POLYETHYLENE GROUND COVER ON GRADE. SEE DIV. 1 SHEET A-1
- FP-10 ELECTRICAL SERVICE. PROVIDE (1) 2 1/2" SCHEDULE 80 PVC CONDUIT FOR ELECTRICAL SERVICE AND (1) 5/8"x12" LONG GALVANIZED ROD FOR ELECTRICAL GROUNDING. SEE DIV. 16 AND VERIFY W/ SITE CONDITIONS
- FP-11 BLOCK OUT IN STEM WALL FOR DOORS, HVAC, ETC. AS REQUIRED
- FP-12 18"x24" CRAWL SPACE ACCESS. INSULATE AND LEATHER STRIP. SEE DIV. 06021 SHEET A-1/2
- FP-13 PRESSURE BLOCKING OF SAME SIZE AS ADJACENT JOIST.
- FP-14 24"x24"x12" MAT FOOTING ON SOLID SUBSTRATE W/ (2) #4 BAR EACH WAY OR 12"x12" STRIP FOOTING PER DETAIL 16/D1
- FP-15 30"x30"x12" MAT FOOTING ON SOLID SUBSTRATE W/ (2) #4 BAR EACH WAY OR 15"x12" STRIP FOOTING PER DETAIL 16/D1
- FP-16 36"x36"x12" MAT FOOTING ON SOLID SUBSTRATE W/ (2) #4 BAR EACH WAY
- FP-17 STUD STEEL @ INTO SLAB @ 12" O.C.
- FP-18 FLOOR JOIST. SEE DIV. 6 SHEET A-1
- FP-19 4x8 BEAM LINE. SOLID BLOCKING BETWEEN JOIST OVER SUPPORT. SEE DIVISION 06100 SHEET A-1
- FP-20 PROVIDE SOLID BLOCKING THRU JOIST SYSTEM TO PROVIDE SAME AREA OF BEAM SUPPORT AS ABOVE AND BELOW. SEE DIV. 6 SHEET A-1
- FP-21 MIN. 1" CLEARANCE FROM CONCRETE AT END OF BEAMS
- FP-22 EXTEND PIER MIN 18" BELOW SURROUNDING GRADE
- FP-23 3" DIAMETER STEEL POST
- FP-24 EDGE OF CONCRETE

SYMBOLS & LEGEND



Date	By	Description
06/20/08	KCP	PERMIT SET

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BARN HOUSE
STEVEN COUNTY, WA

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TITLE
JOB NO.: 08012.05
STARTING NO.: 08012.03
SHEET
A2

HEATING SYSTEM SIZING	
TOTAL SF OF HOME	1417 SF
DESIGN HEAT LOAD FACTOR	20 Btu/h-ft ²
DESIGN HEAT LOAD	28,340 Btu

HVAC DESIGN LOADS CALCULATED PER WASHINGTON STATE ENERGY CODE. COMPLIANCE WITH CHAPTER 5. PRESCRIPTIVE APPROACH FOR CLIMATE ZONE 1 - UNO.

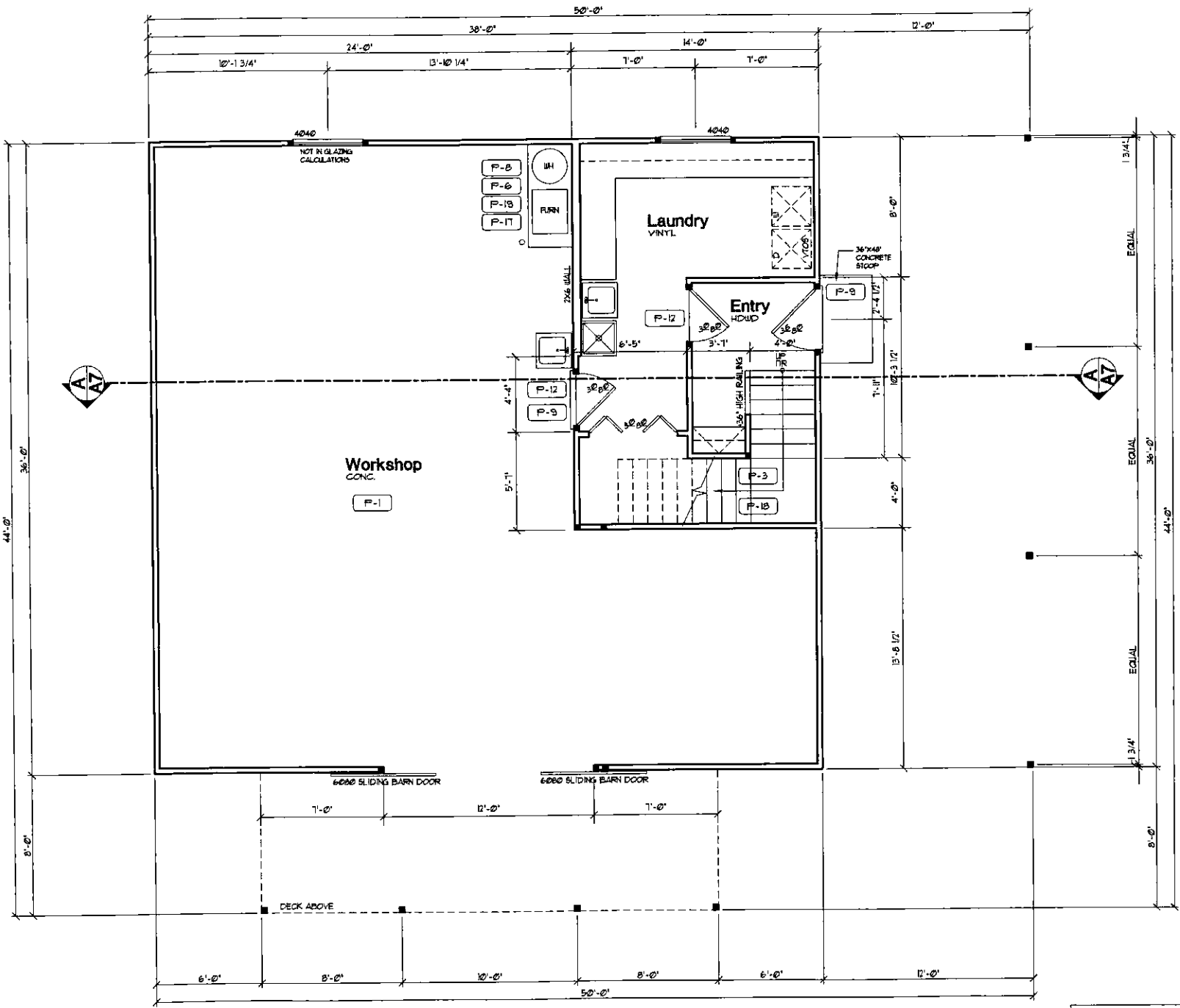
GLAZING CALCULATION	
TOTAL SF OF HOME	1417 SF
TOTAL SF OF GLAZING	161.34 SF
TOTAL % OF GLAZING	11.4 %

SF. IS CALCULATED USING THE REQUIREMENTS SET FORTH IN THE WASHINGTON STATE ENERGY CODE. REFER TO ADDITIONAL DOCUMENTATION TO SUPPORT METHODOLOGY OF PERFORMANCE COMPLIANCE.

SYMBOLS AND LEGEND	
(I) FAN - DIRECT VENT TO OUTSIDE -BATHROOMS/LAUNDRY 50 CFM MIN. -KITCHEN 100 CFM MIN. -WHOLE HOUSE FAN 100 CFM MIN. VLOS	MECHANICAL, PLUMBING AND ELECTRICAL SYSTEMS FOR UNITS. PER DIV. 15.6 SEE SHEET A-1
(II) WHOLE HOUSE EXHAUST FAN CONNECTED A 24 HOUR TIMER - 150 CFM MIN. VLOS	(FURN) (WH)
(III) THERMOSTAT = 50" ABOVE FLOOR	A. PROVIDE 6" DIAMETER FRESH AIR INTAKE FROM OUTSIDE TO RETURN AIR PLENUM AT FURNACE WITH MOTORIZED FLOW DAMPERS.
(IV) 110V SMOKE DETECTOR PER UEC WITH BATTERY BACKUP INTERCONNECTED	B. PROVIDE THERMAL EXPANSION TANK AT WATER HEATER.
(V) 24 HOUR TIMER TO WHOLE HOUSE FAN	C. STRAP WATER HEATER TO FRAMING TOP AND BOTTOM.
	D. PROVIDE PRESSURE RELIEF LINE PLUMBED TO OUTSIDE.

GENERAL NOTES	
1.	SEE COVER SHEET FOR ALL GENERAL NOTES AND REQUIREMENTS.
2.	ENERGY AND AIR QUALITY INFORMATION SEE DIV. 11 SHEET A-1
3.	SEE BUILDING ELEVATION FOR WINDOW OPERATION SEE DIV. 8 SHEET A-1
4.	SEE TYPICAL MATERIALS LIST ON SECTION SHEET
5.	SEE COVER SHEET FOR ALL NOTES AND REQUIREMENTS CONCERNING MECHANICAL, PLUMBING, AND ELECTRICAL.

ZONE 2
2006 TABLE 6-2
OPTION 1
MIN. WINDOW 'U' VALUE = 35
MIN. DOOR 'U' VALUE = 20

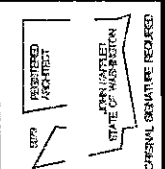


MAIN FLOOR PLAN
Scale 1/4"=1'-0"

FLOOR PLAN KEY NOTES	
P-1	OCCUPANCY SEPARATION: APPLY (1) LAYER OF 1/2" GWB. TO GARAGE SIDE OF RESIDENCE, ATTIC SPACES, AND TO ALL BEAMS AND POSTS SUPPORTING A FLOOR-CEILING ASSEMBLY. APPLY (1) LAYER OF 1/2" TYPE 'X' GWB. TO GARAGE CEILING WHEN UNDER HABITABLE ROOFS. DUCTS THROUGH WALL OR CEILING COMMON TO HOUSE SHALL HAVE MINIMUM 26 GAUGE STEEL PER I.R.C. SECTION R309.11 SEE DIV. 01002.6 SHEET A-1.
P-2	1/2" MIN. SOLID WOOD CORE, HONEYCOMB CORE STEEL OR 20-MINUTE FIRE RATED DOOR. SEE DIV. 01002.6.B SHEET A-1
P-3	STAIR ASSEMBLY NOTES: PER I.R.C. SECTION R315 AND DETAIL D702. A. HEADROOM MIN. 6'-8", WIDTH MIN. 3'-0". B. TREADS 10" MIN. DEPTH AND MIN. WIDTH OF 36" ABOVE HANDRAIL HEIGHT, RISERS 7 1/4" MAX. HT. TREAD NOSING TO BE MINIMUM 3/4" AND A MAXIMUM OF 1/4" ON STAIRS WITH SOLID RISERS. C. HANDRAIL MIN. 34" TO MAX 38" ABOVE TREAD NOSING. HANDRAIL TYPE 1 CIRCULAR TO HAVE 1 1/2" MIN. TO 2" MAX. GROSS SECTION DIMENSION AND 1 1/2" MIN. CLEAR FROM WALL, RETURN RAIL ENDS. HANDRAILS SHALL BE STRONG ENOUGH TO RESIST A 200 POUND POINT LOAD IN ANY DIRECTION PER I.R.C. TABLE R301.5. D. INSTALL FIRE BLOCKING BETWEEN STRINGERS AT THE TOP AND BOTTOM OF EACH RUN PER I.R.C. SECTION R602.8. E. COVER USABLE SPACE UNDER STAIR W/ 1/2" GWB. PER I.R.C. SECTION R312.2. F. INTERMEDIATE BALUSTERS SHALL BE SPACED W/ LESS THAN 4" BETWEEN BALUSTERS. G. PROVIDE STAIRWAY ILLUMINATION PER I.R.C. SECTION R303.6. SEE DIV. 01002.6 SHEET A-1
P-4	SAFETY GLAZING PER I.R.C. SECTION R308 A. WINDOWS WITHIN 18" OF FLOOR B. WINDOWS WITHIN A 24" ARC OF DOORS C. WINDOWS AT TUBS AND SHOWERS D. GLAZING IN DOORS E. WITHIN STAIRWELLS F. WITHIN 36" HORIZONTALLY OF WALKING SURFACE, 60" ABOVE NOSE OF TREAD OR WALKING SURFACE SEE DIV. 08000 SHEET A-1
P-5	EGRESS WINDOW PER I.R.C. SECTION R310 SEE DIV. 08000 SHEET A-1
P-6	IGNITERS FOR GAS FIRED APPLIANCES IN GARAGE TO BE 18" MIN. ABOVE TOP OF SLAB. SEE DIV. 15 SHEET A-1
P-7	COVER WALLS ADJACENT TO TUBS AND SHOWERS WITH NON-ABSORBENT MATERIAL TO 7" ABOVE DRAIN INLETS, PER I.R.C. SECTION 507.2. SEE DIV. 08000 SHEET A-1
P-8	(2) LAYERS OF FLOOR SHEATHING OVER FREATING
P-9	7/8" MAX. RISER WITH 10" MIN. RUN. IF MORE THAN (3) RISERS, HANDRAIL REQUIRED PER I.R.C. SECTION R315.6. SEE DIV. 01002.1 SHEET A-1
P-10	18"x24" CRAWL SPACE ACCESS. INSULATE AND WEATHER STRIP. SEE DIV. 01002.1 SHEET A-1
P-11	22"x30" ATTIC SPACE ACCESS W/ 30" HEAD CLEARANCE. INSULATE AND WEATHER STRIP. SEE DIV. 01002.2 SHEET A-1
P-12	FLOOR MATERIAL BREAK LINE
P-13	WALL LINE ABOVE
P-14	WALL LINE BELOW
P-15	FIREPLACE ASSEMBLY NOTES: A. DIRECT VENT FIREPLACES, INSTALL PER MFG. SPECIFICATIONS. SHALL CONFORM TO I.R.C. REQUIREMENTS. SEE DIV. 01002.8 SHEET A-1 B. ZERO CLEARANCE FIREPLACES SHALL CONFORM TO I.R.C. REQUIREMENTS. SEE DIV. 01002.8 SHEET A-1 C. HEARTH SHALL CONFORM TO I.R.C. REQUIREMENTS. SEE DIV. 01002.8 AND 9 SHEET A-1 D. FIREBLOCK OPENINGS AROUND PENETRATIONS AT EACH FLOOR PER I.R.C. SECTION R1002.13.
P-16	SEE SITE PLAN FOR EXTENT OF WALKS AND DRIVEWAYS
P-17	3" DIAMETER STEEL POST
P-18	36" GUARDRAIL PER I.R.C. SECTION R312.4 TABLE R301.5 A. AT STAIRS SLOPES AT 34" ABOVE STAIR NOSINGS
P-19	18" VENT FOR MECHANICAL, 1" CLEARANCE ALL SIDES PER I.R.C. SECTION R1002.3. SEE DIV. 15 SHEET A-1
P-20	PLANT SHELF
P-21	UPPER AND LOWER LINEN CABINETS
P-22	SOFFIT AREA
P-23	INTEGRATED MAKE UP AIR
P-24	2x6 STUDS W/ R-21 INSULATION MIN.

SQUARE FOOTAGE	
MAIN FLOOR	312 SF
UPPER FLOOR	1105 SF
TOTAL	1417 SF
WORKSHOP	1056 SF
DECK / PATIO	640 SF

SQUARE FOOTAGE IS MEASURED TO THE OUTSIDE FACE OF WALLS. STAIRS ARE COUNTED ONCE IN CALCULATIONS. OPEN TO BELOW SPACES AND GARAGES ARE NOT INCLUDED IN CALCULATIONS.



Date	By	Description
06/02/08	CP	PERMIT SET

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TITLE	
JOB NO.:	0801205
STARTING NO.:	0801205
SHEET	
A3	

SYMBOLS AND LEGEND

- FAN - DIRECT VENT TO OUTSIDE
 - BATHROOM/LAUNDRY 50 CFM MIN.
 - KITCHEN 100 CFM MIN.
 - WHOLE HOUSE FAN 100 CFM MIN. V.T.O.S
- WHOLE HOUSE EXHAUST FAN CONNECTED
 - A 24 HOUR TIMER - 50 CFM MIN. V.T.O.
- THERMOSTAT # 50" ABOVE FLOOR
- 120V SMOKE DETECTOR PER USC
 - WITH BATTERY BACKUP INTERCONNECTED
- 24 HOUR TIMER TO WHOLE HOUSE FAN

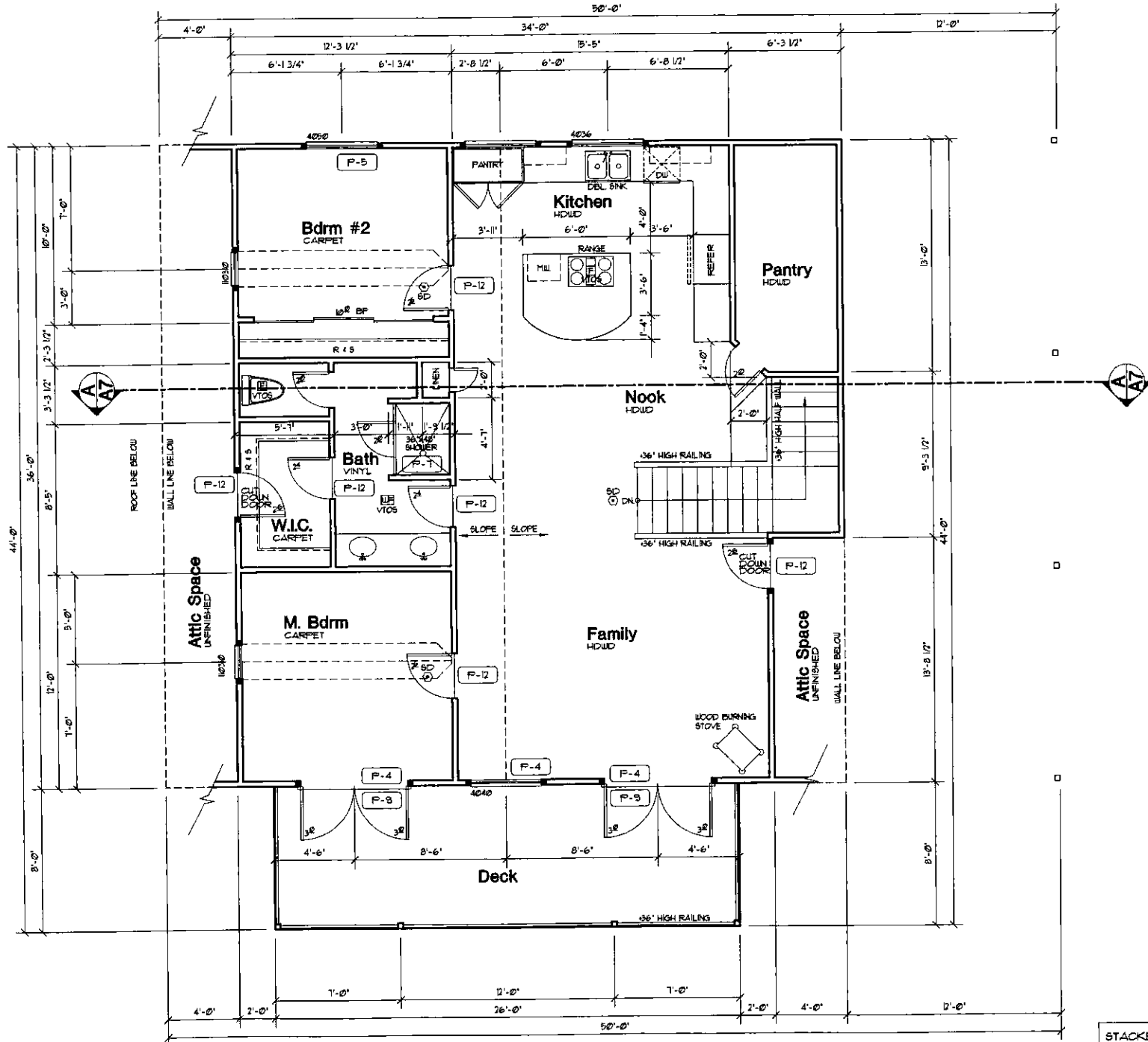
- MECHANICAL, PLUMBING, AND ELECTRICAL SYSTEM FOR UNITS. PER DIV. 15.16 SEE SHEET A-1
- FURN LIM
- A. PROVIDE 6" DIAMETER FRESH AIR INTAKE FROM OUTSIDE TO RETURN AIR FLENUM AT FURNACE WITH MOTORIZED FLOW DAMPERS.
 - B. PROVIDE THERMAL EXPANSION TANK AT WATER HEATER.
 - C. STRAP WATER HEATER TO FRAMING TOP AND BOTTOM.
 - D. PROVIDE PRESSURE RELIEF LINE PLUMBED TO OUTSIDE.

GENERAL PLAN NOTES

1. SEE COVER SHEET FOR ALL GENERAL NOTES AND REQUIREMENTS.
2. ENERGY AND AIR QUALITY INFORMATION SEE DIV. 11 SHEET A-1
3. SEE BUILDING ELEVATION FOR WINDOW OPERATION SEE DIV. 8 SHEET A-1
4. SEE TYPICAL MATERIALS LIST ON SECTION SHEET
5. SEE COVER SHEET FOR ALL NOTES AND REQUIREMENTS CONCERNING MECHANICAL, PLUMBING, AND ELECTRICAL.

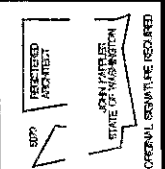
FLOOR PLAN KEY NOTES

- F-1 OCCUPANCY SEPARATION: APPLY (1) LAYER OF 1/2" G.W.B. TO GARAGE SIDE OF RESIDENCE, ATTIC SPACES, AND TO ALL BEAMS AND POSTS SUPPORTING A FLOOR-CEILING ASSEMBLY. APPLY (1) LAYER OF 1/2" TYPE 'X' G.W.B. TO GARAGE CEILING WHEN UNDER HABITABLE ROOFS. DUCTS THROUGH WALL OR CEILING COMMON TO HOUSE SHALL HAVE MINIMUM 26 GAUGE STEEL PER I.R.C. SECTION R309.1.1 SEE DIV. 01002.6.A SHEET A-1.
- F-2 1/4" MIN. SOLID WOOD CORE, HONEYCOMB CORE STEEL OR 20-MINUTE FIRE RATED DOOR. SEE DIV. 01002.6.B. SHEET A-1
- F-3 STAIR ASSEMBLY NOTES: PER I.R.C. SECTION R315 AND DETAIL D.02.
 - A. HEADROOM MIN. 6'-8", WIDTH MIN. 3'-0".
 - B. TREADS 10" MIN. DEPTH AND MIN. WIDTH OF 36" ABOVE HANDRAIL HEIGHT, RISERS 7 1/2" MAX. HT. TREAD NOSING TO BE MINIMUM 3/4" AND 2" MAXIMUM OF 1/4" ON STAIRS WITH SOLID RISERS.
 - C. HANDRAIL MIN. 34" TO MAX. 38" ABOVE TREAD NOSING. HANDRAIL TYPE 1 CIRCULAR TO HAVE 1 1/4" MIN. TO 2" MAX. CROSS SECTION DIMENSION AND 1 1/2" MIN. CLEAR FROM WALL, RETURN RAIL ENDS. HANDRAILS SHALL BE STRONG ENOUGH TO RESIST A 200 POUND POINT LOAD IN ANY DIRECTION PER I.R.C. TABLE R301.5
 - D. INSTALL FIRE BLOCKING BETWEEN STRINGERS AT THE TOP AND BOTTOM OF EACH RUN PER I.R.C. SECTION R602.8.
 - E. COVER USABLE SPACE UNDER STAIR W/ 1/2" G.W.B. PER I.R.C. SECTION R312.2.
 - F. INTERMEDIATE BALUSTERS SHALL BE SPACED W/ LESS THAN 4" BETWEEN BALUSTERS.
 - G. PROVIDE STAIRWAY ILLUMINATION PER I.R.C. SECTION R303.6.
 - SEE DIV. 01002.6 SHEET A-1
- F-4 SAFETY GLAZING PER I.R.C. SECTION R308
 - A. WINDOWS WITHIN 18" OF FLOOR
 - B. WINDOWS WITHIN A 24" ARC OF DOORS
 - C. WINDOWS AT TUBS AND SHOWERS
 - D. GLAZING IN DOORS
 - E. WITHIN STAIRWELLS
 - F. WITHIN 36" HORIZONTALLY OF WALKING SURFACE, 60" ABOVE NOSE OF TREAD OR WALKING SURFACE.
 - SEE DIV. 08000 SHEET A-1
- F-5 EGRESS WINDOW PER I.R.C. SECTION R310 SEE DIV. 08600 SHEET A-1
- F-6 IGNITERS FOR GAS FIRED APPLIANCES IN GARAGE TO BE 18" MIN. ABOVE TOP OF SLAB. SEE DIV. 15 SHEET A-1
- F-7 COVER WALLS ADJACENT TO TUBS AND SHOWERS WITH NON-ABSORBENT MATERIAL TO 2" ABOVE DRAIN INLETS. PER I.R.C. SECTION 301.2. SEE DIV. 08350 SHEET A-1
- F-8 (2) LAYERS OF FLOOR SHEATHING OVER FRAMING.
- F-9 7/8" MAX. RISER WITH 10" MIN. RUN IF MORE THAN (3) RISERS. HANDRAIL REQUIRED PER I.R.C. SECTION R315.6. SEE DIV. 01002.1 SHEET A-1
- F-10 18"x24" CRAWL SPACE ACCESS. INSULATE AND WEATHER STRIP. SEE DIV. 01002.1 SHEET A-1
- F-11 22"x30" ATTIC SPACE ACCESS W/ 30" HEAD CLEARANCE. INSULATE AND WEATHER STRIP. SEE DIV. 01002.2 SHEET A-1
- F-12 FLOOR MATERIAL BREAK LINE
- F-13 WALL LINE ABOVE
- F-14 WALL LINE BELOW
- F-15 FIREPLACE ASSEMBLY NOTES:
 - A. DIRECT VENT FIREPLACES, INSTALL PER MFG. SPECIFICATIONS, SHALL CONFORM TO I.R.C. REQUIREMENTS. SEE DIV. 01002.8 SHEET A-1
 - B. ZERO CLEARANCE FIREPLACES SHALL CONFORM TO I.R.C. REQUIREMENTS. SEE DIV. 01002.8 SHEET A-1
 - C. HEARTH SHALL CONFORM TO I.R.C. REQUIREMENTS. SEE DIV. 01002.8 AND 9 SHEET A-1
 - D. FIREBLOCK OPENINGS AROUND PENETRATIONS AT EACH FLOOR PER I.R.C. SECTION R1002.13.
- F-16 SEE SITE PLAN FOR EXTENT OF WALKS AND DRIVEWAYS
- F-17 3" DIAMETER STEEL POST
- F-18 36" GUARDRAIL PER I.R.C. SECTION R31.4 TABLE R301.5 A. AT STAIRS SLOPES AT 34" ABOVE STAIR NOSINGS.
- F-19 1" VENT FOR MECHANICAL 1" CLEARANCE ALL SIDES PER I.R.C. SECTION R1005.3. SEE DIV. 15 SHEET A-1
- F-20 PLANT SHELF
- F-21 UPPER AND LOWER LINEN CABINETS
- F-22 SOFFIT AREA
- F-23 INTEGRATED MAKE UP AIR
- F-24 2x6 STUDS W/ R-21 INSULATION MIN.



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

STACKED FRAMING
PER 2006 I.R.C.
SECTION R602.3.3



Date	By	Description
05/02/08	CP	PERMIT SET

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TITLE
JOB NO. : 00012.05
STARTING NO. : 00012.03

SHEET
A5

GENERAL FRAMING NOTES

- SEE COVER SHEET FOR ALL GENERAL NOTES AND REQUIREMENTS.
- SEE TYPICAL MATERIALS LIST ON SECTION SHEET
- SEE COVER SHEET FOR ALL NOTES AND REQUIREMENTS CONCERNING MECHANICAL, PLUMBING, AND ELECTRICAL.
- TRUSS DESIGN BY MANUF. TRUSS PLAN SHOWN IS FOR GENERAL LAYOUT ONLY SEE DIV. 06000 SHEET A-1
- TRUSS LOADING
- SEE DIV. 01000/1A SHEET A-1
- TRUSS SPAN PER FLOOR PLANS
- TRUSS TYPE PER ROOF FRAMING PLAN
- ROOF FRAMING SPACING, 24" O.C. UNO.
- ROOF PITCH - EXTERIOR PER ELEVATION INTERIOR PER SECTION.
- RAFTER TAIL 2x4. VERIFY.
- ROOF TAIL AND RAKE OVERHANGS PER ROOF PLAN.
- ALL HEADERS ARE 4x10 DF #2 UNO. PROVIDE (1) TRIMMER STUD UP TO 4'-0" SPAN AND (2) TRIMMER STUDS OVER 4'-0" UNO. SEE DIV. 06100 SHEET A-1

FRAMING PLAN KEYNOTES

- F-1 BACK FRAMING AND BOFFIT AREA AS REQUIRED TO ALLOW FOR HVAC DUCTING. SEE DIV.15 SHEET A-1
- F-2 RAKED PONY WALL ON TOP OF LOWER ROOF FRAMING MEMBERS SUPPORTING UPPER ROOF FRAMING MEMBERS.
- F-3 ALIGN EDGE OF JOIST WITH FACE OF WALL
- F-4 ALIGN INSIDE FACE OF BEAM WITH OUTSIDE FACE OF WALL
- F-5 UPSET - BOTTOM OF BEAM EVEN W/ BOTTOM OF JOIST AND TOP OF BEAM EXTENDS UP ABOVE JOISTS
- F-6 TOP OF BEAM IS FLUSH WITH BOTTOM OF JOIST WITH NO TOP PLATE. CUT ADJACENT FRAMING MEMBERS INTO BEAM FOR ADEQUATE SUPPORT.
- F-7 ATTIC SPACE VENT SEE CALCULATION SEE DIV. 01000 SHEET A-1
- F-8 FLOOR JOIST - SEE SCHEDULE DUG. SEE DIV. 06100 SHEET A-1
- F-9 SEE ELEVATIONS AND SECTIONS FOR PLATE HEIGHT
- F-10 PRESSURE BLOCKING SEE DIV. 06100 SHEET A-1
- F-11 FLUSH - BOTTOM OF BEAM EVEN W/ BOTTOM OF JOISTS
- F-12 TOP OF BEAM FLUSH W/ TOP OF JOIST AND BEAM EXTENDS DOWN BELOW JOISTS
- F-13 TOP OF BEAM 8" BELOW TOP OF JOIST TO ALLOW FOR HVAC OVER BEAM AND BEAM BUMPS DOWN BELOW JOISTS
- F-14 2x6 OVERFRAMING @ 24" O.C. PROVIDE 2x6 STRONGBACK PURLINS AND 2x KICKERS AT 6'-0" O.C. TO TRUSSES BELOW.
- F-15 2x6 CEILING JOISTS @ 24" O.C.

ROOF VENT CALCULATION

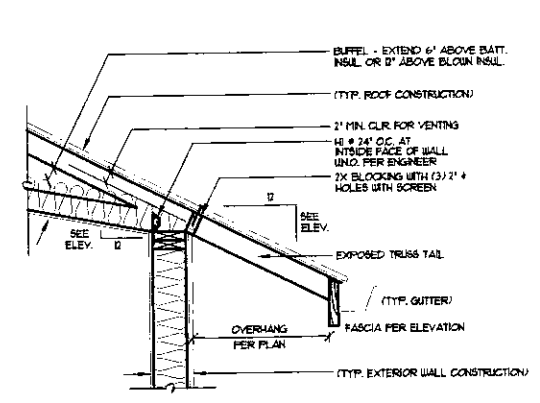
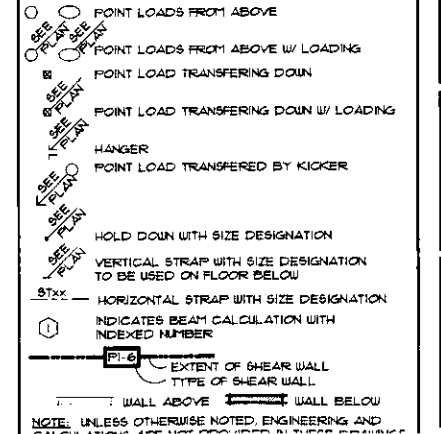
BASED ON (8) 2" DIA. HOLES PER VENT BLOCK

ROOF VENT CALCS BASED ON I.R.C. SECTION R602:

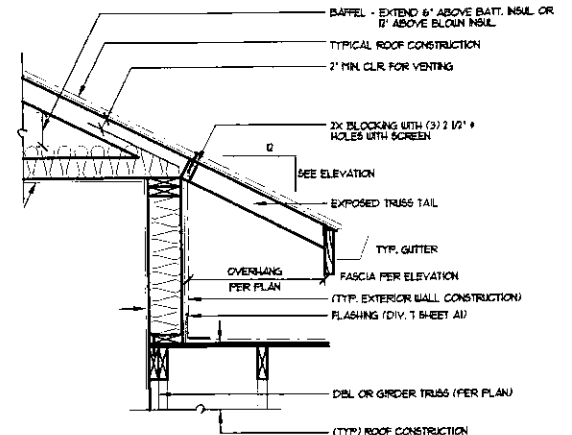
TOTAL ROOF AREA	324	SF/100	4.08	SF OF VENT AREA REQ.
40% AT EAVE	133	SF REQUIRED		
60% @ 36" (MIN) ABOVE EAVE	245	SF REQUIRED		
8 ROOF JACKS AT 50 SQ. IN. EACH	400	SQ. IN. = 277	SF	
80 LF. OF EAVE VENTS AT 3.3 SQ. IN./LF.	264	SQ. IN. = 183	SF	
0 GABLE END VENTS x 0 SQ. IN. (NFAS) EA.	0	SQ. IN. = 0	SF	
0 GABLE END VENTS x 0 SQ. IN. (NFAS) EA.	0	SQ. IN. = 0	SF	
0 GABLE END VENTS x 0 SQ. IN. (NFAS) EA.	0	SQ. IN. = 0	SF	
TOTAL VENTS PROVIDED				
ROOF JACKS	277	SF		
EAVE VENTS	183	SF		
GABLE END VENTS	0	SF		
TOTAL SF OF VENTS PROVIDED	460	SF		

* INSTALL A VAPOR BARRIER ON THE WARM SIDE OF CEILING, HAVING A TRANSMISSION RATE NOT EXCEEDING 1 PERM, TO ALLOW FOR A REDUCTION OF VENTILATION AREA TO 1/300, PER I.R.C. SECTION R602.2
 † EFFECTIVE VENT AREA BASED ON A 30% REDUCTION DUE TO 1/4" MESH

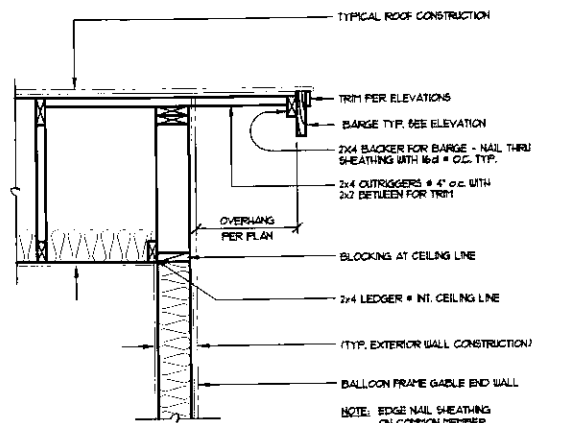
SYMBOLS & LEGEND



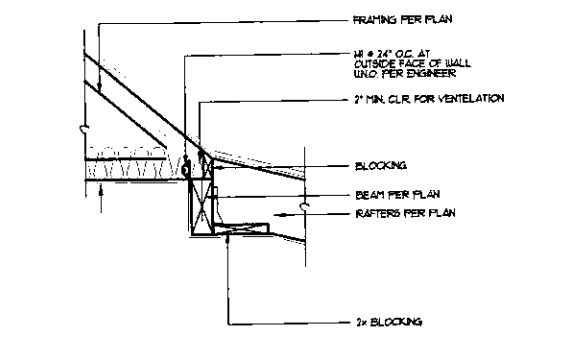
1 EAVE DETAIL
3/4"=1'-0" 06100-07300-03



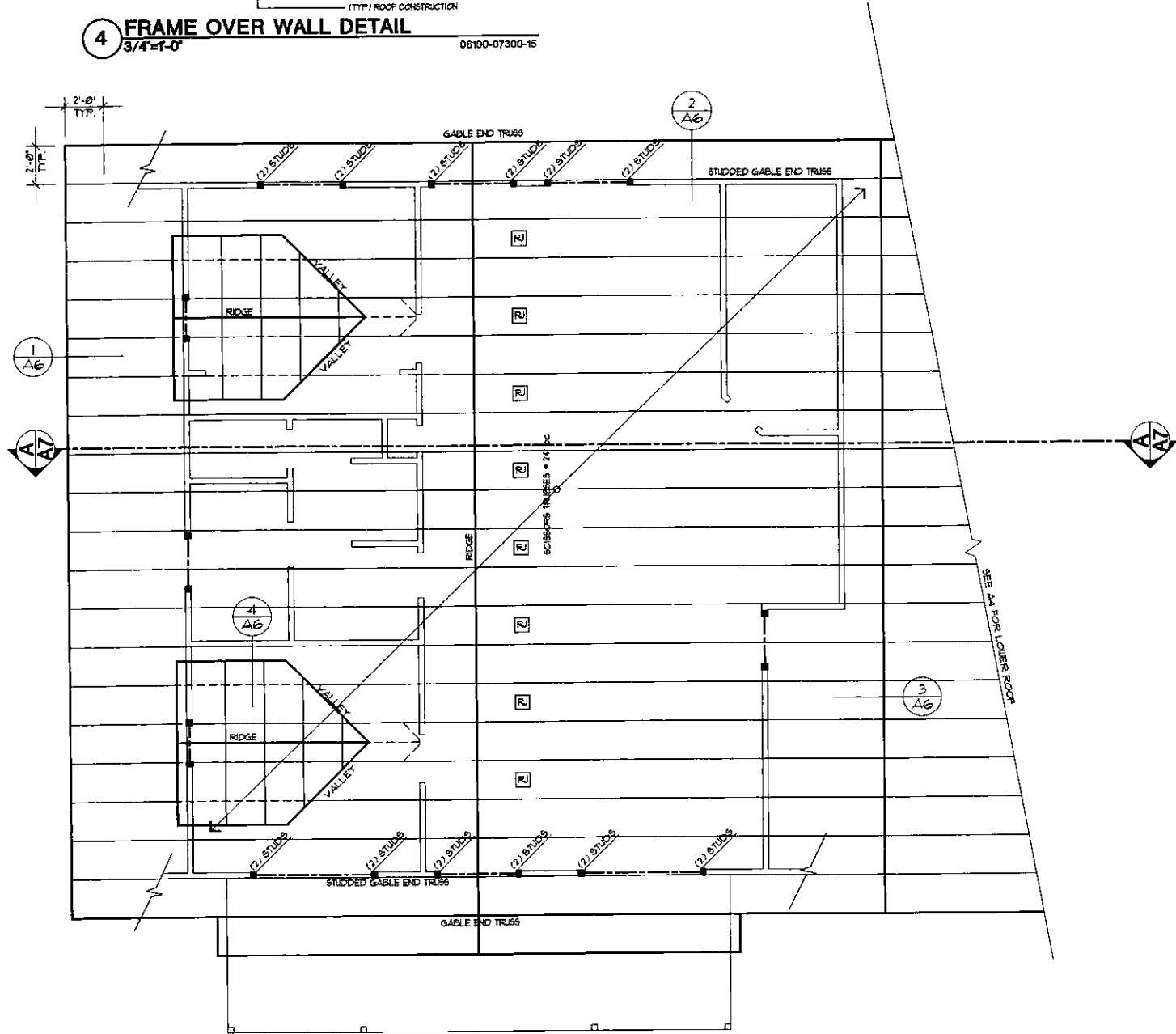
4 FRAME OVER WALL DETAIL
3/4"=1'-0" 06100-07300-15



2 GABLE END DETAIL
3/4"=1'-0" 06100-07300-13



3 SECTION @ BEAM
3/4"=1'-0" 06100-07300-37



UPPER ROOF FRAMING PLAN
SCALE 1/4"=1'-0"

STACKED FRAMING PER 2006 IRC SECTION R602.3.3

RESERVED FOR PROJECT
DATE OF REVISION
GENERAL CONTRACTOR REQUIRED

Date	By	Description
06/02/08	JCP	PERMIT SET

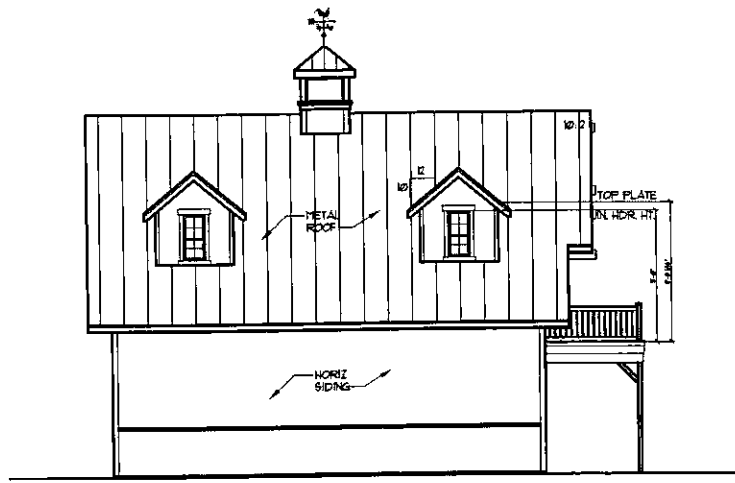
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STEVEN COUNTY, WA
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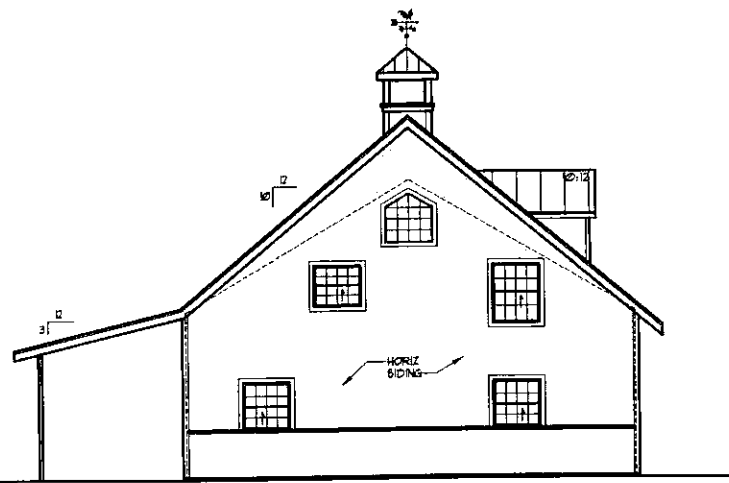


TITLE
JOB NO.: 08012.05
STARTING NO.: 08012.03

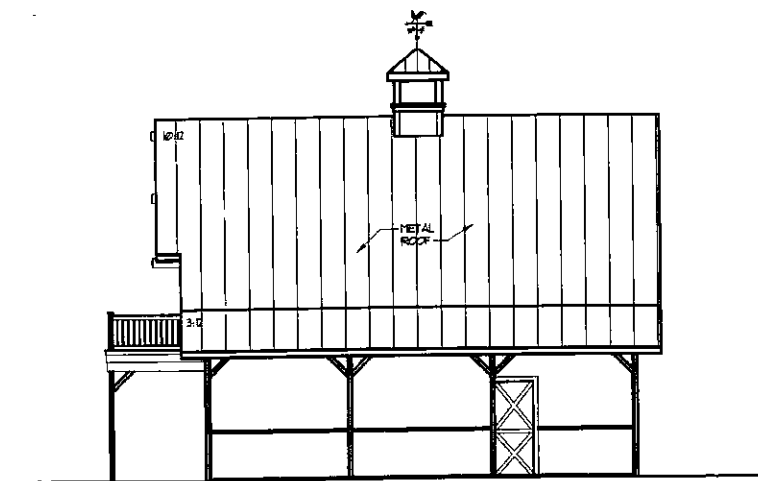
SHEET
A6



SIDE ELEVATION
Scale 1/8"=1'-0"



REAR ELEVATION
Scale 1/8"=1'-0"



SIDE ELEVATION
Scale 1/8"=1'-0"

TYPICAL BUILDING MATERIALS

ROOF CONSTRUCTION

ROOFING: (DIV. 7) METAL ROOF (DIV. 01000.5)
 BUILDING PAPER: (DIV. 7) 30# BUILDING PAPER
 SHEATHING: (DIV. 6) 7/16" OSB OR EQUAL

FRAMING: (DIV. 6) PER PLAN
 INSULATION: (DIV. 7) R-38 BLOWN-IN
 SOFFIT: (DIV. 7) 1/2" RE-SAWN PLYWOOD
 GWB: (DIV. 9) 5/8" GWB

EXTERIOR WALL CONSTRUCTION

SIDING MATERIAL: (DIV. 7) SIDING PER ELEVATION (DIV. 0100.5)
 BUILDING WRAP: (DIV. 7) 15# BUILDING PAPER
 SHEATHING: (DIV. 6) 7/16" OSB OR EQUAL
 FRAMING: (DIV. 6) 2x4 STUDS AT 24" OC
 INSULATION: (DIV. 7) R-21 BATT W/ INTEGRAL VAPOR BARRIER
 GWB: (DIV. 9) 1/2" GWB

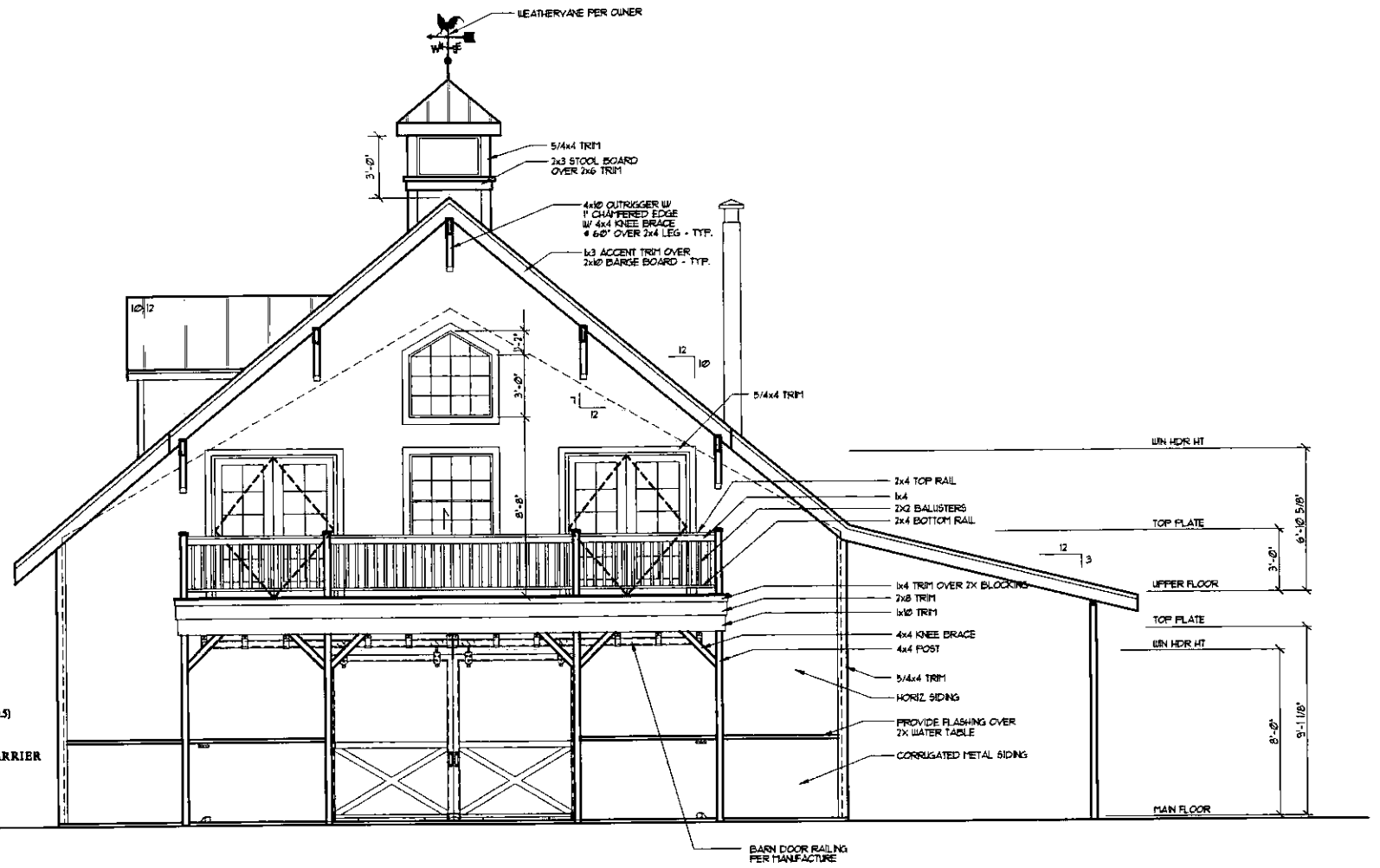
FLOOR CONSTRUCTION

FLOORING: (DIV. 9) FINISH PER PLANS (DIV. 0100.5)
 SUBFLOOR: (DIV. 6) 3/4" T&G PLYWD, COMPLY, OR EQ.
 FRAMING: (DIV. 6) PER PLANS
 INSULATION: (DIV. 7) 2" RIGID
 SOFFIT: (DIV. 7) 1/2" RE-SAWN PLYWOOD

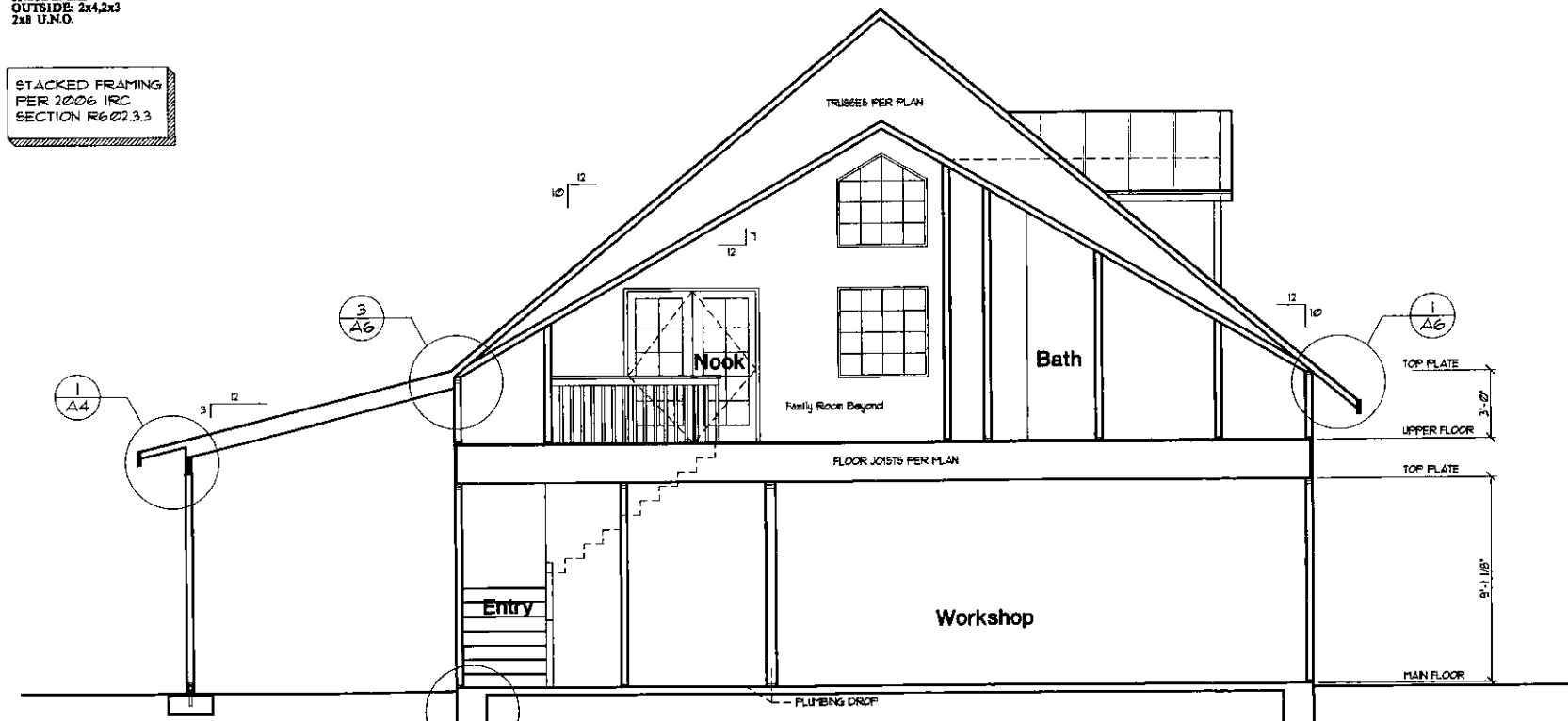
TRIM: (DIV. 6)

WINDOW: (WITH NO BRICK MOLD)
 HEAD: 2x6 U.N.O.
 JAMB: 5/4x4 U.N.O.
 SILL: 2x3 STOOLBOARD OVER 2x6 U.N.O.
 INSIDE: 2x2
 OUTSIDE: 2x4, 2x3
 2x8 U.N.O.
 CORNER BOARDS:
 FASCIA:

STACKED FRAMING
 PER 2006 IRC
 SECTION R602.3.3



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



BUILDING SECTION A-A
Scale 1/4"=1'-0"

97% RECYCLED PAPER
 50% RECYCLED INK
 20% RECYCLED FIBER
 ORIGINAL SIGNATURE REQUIRED

Date	By	Description
05/02/08	CP	PERMIT SET

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SHEET
A7