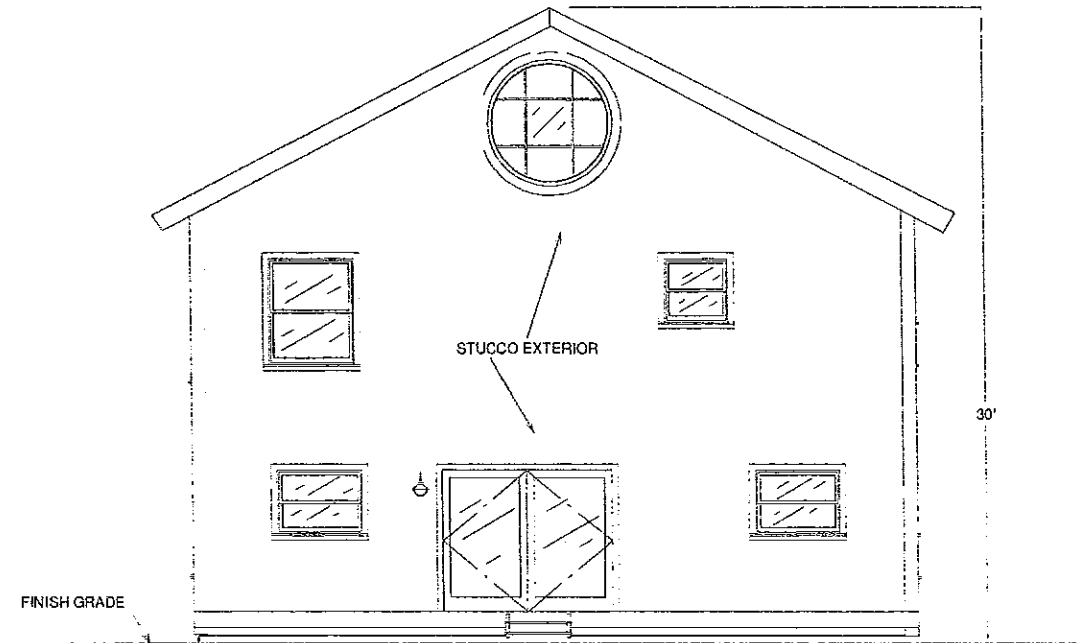


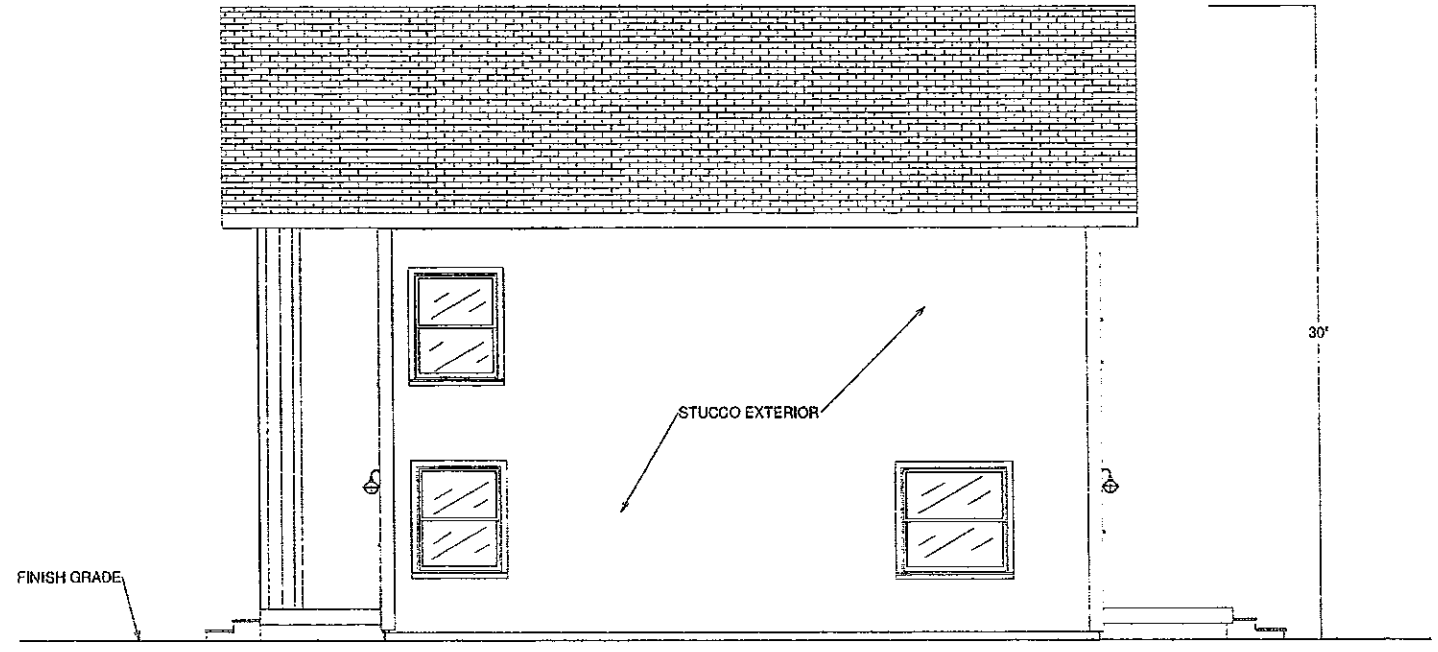
EAST ELEVATION

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



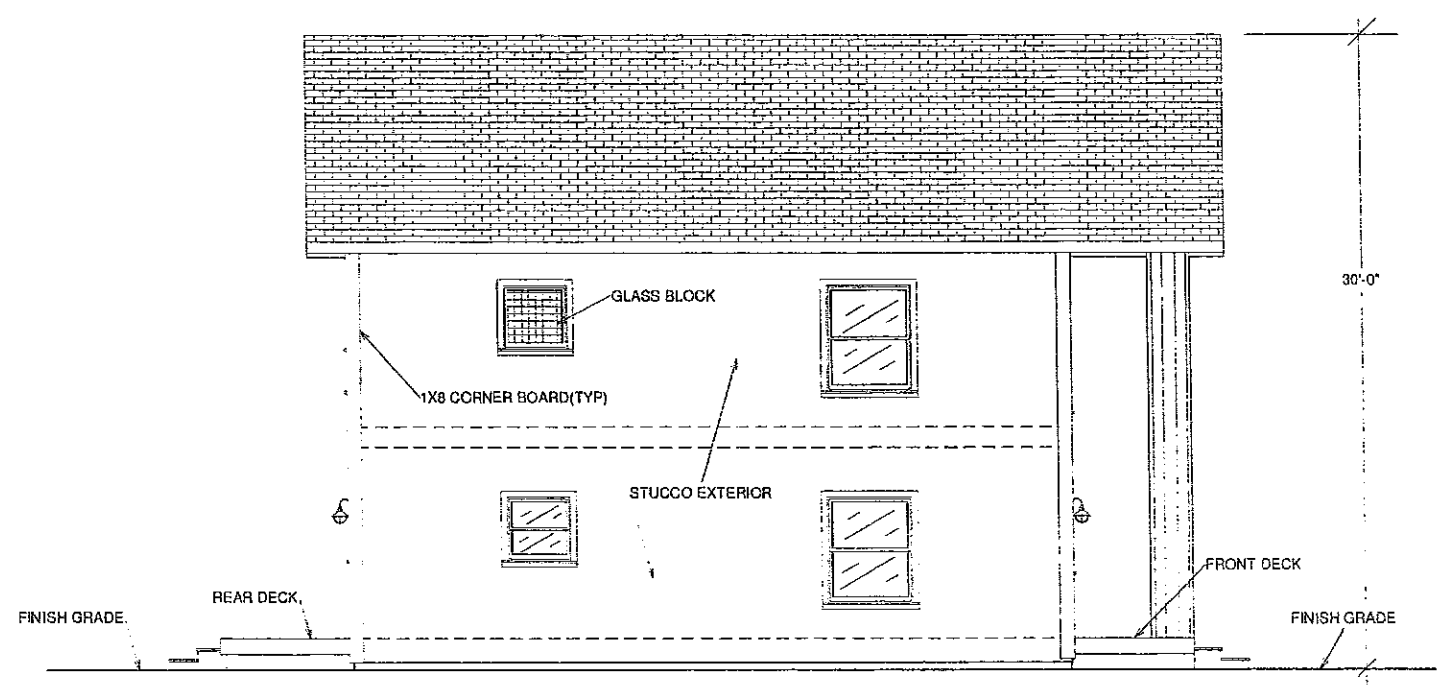
WEST ELEVATION

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



NORTH ELEVATION

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

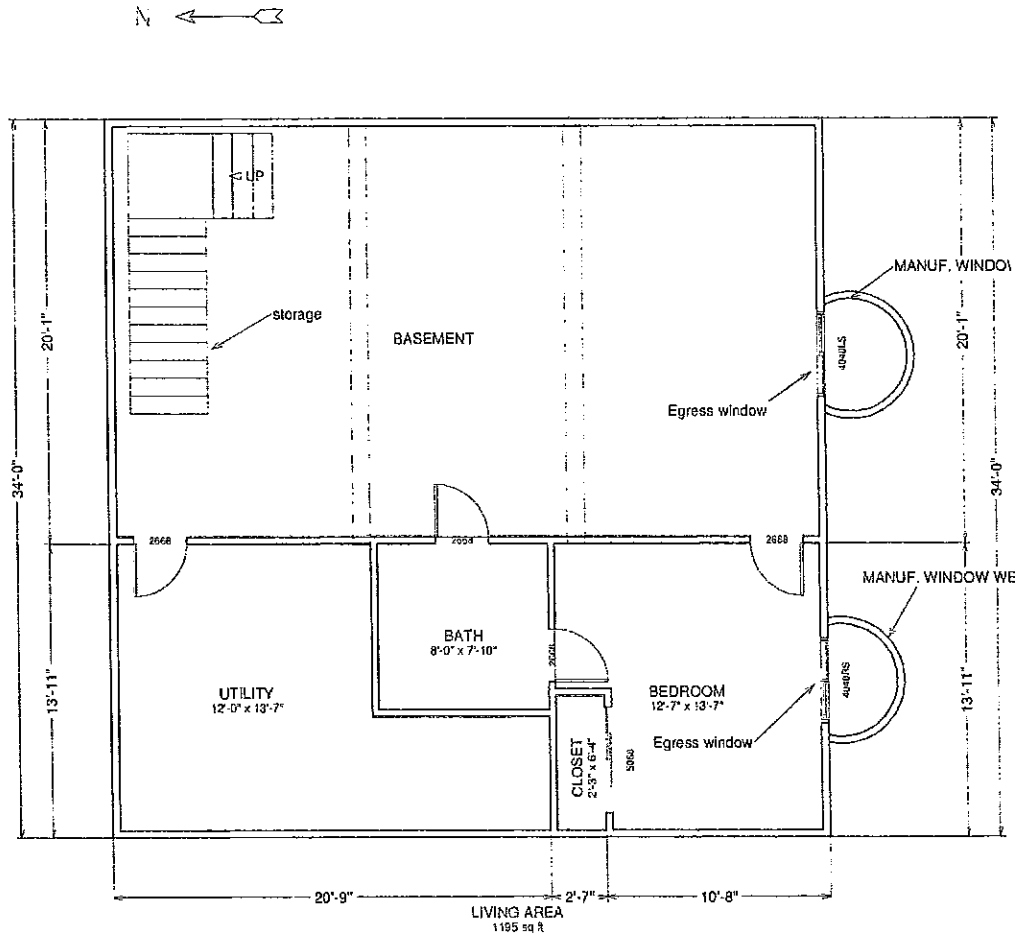


SOUTH ELEVATION

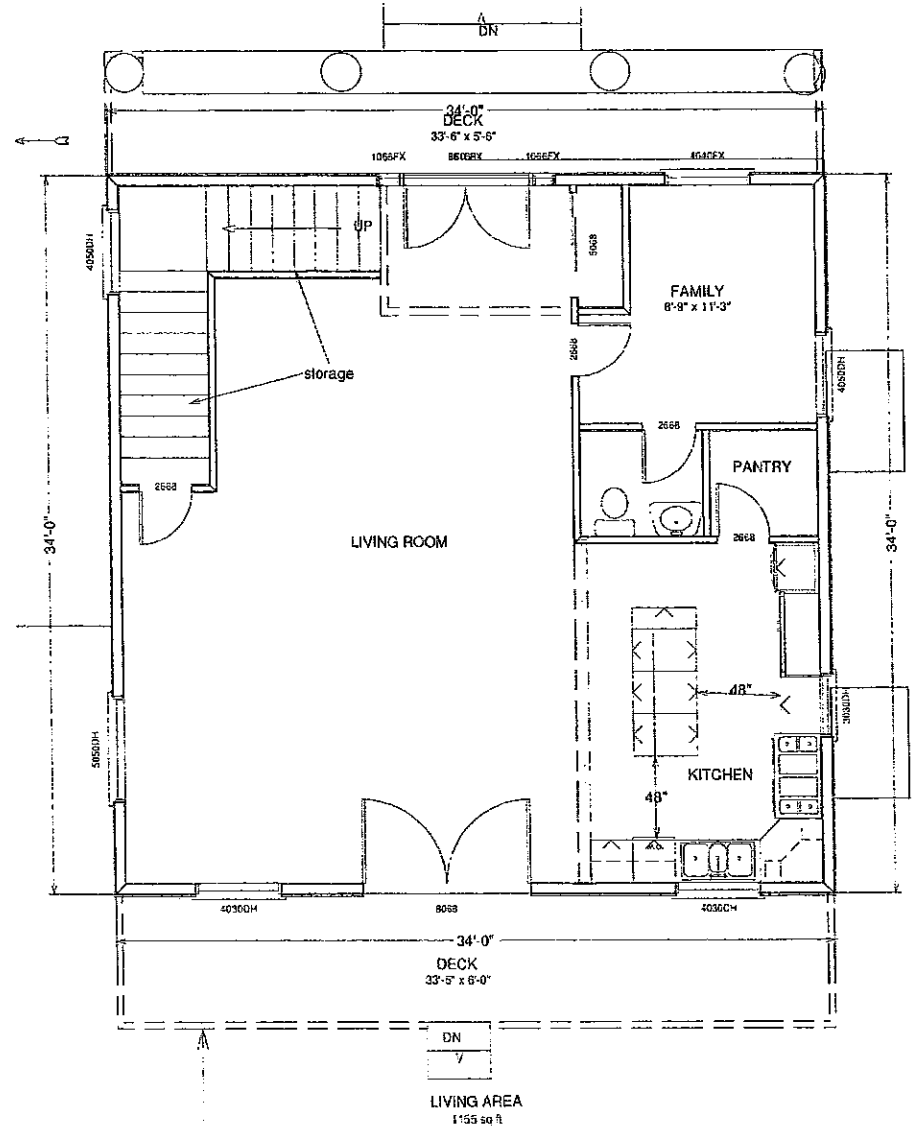
SCALE: 1/4" = 1'-0"

RECEIVED

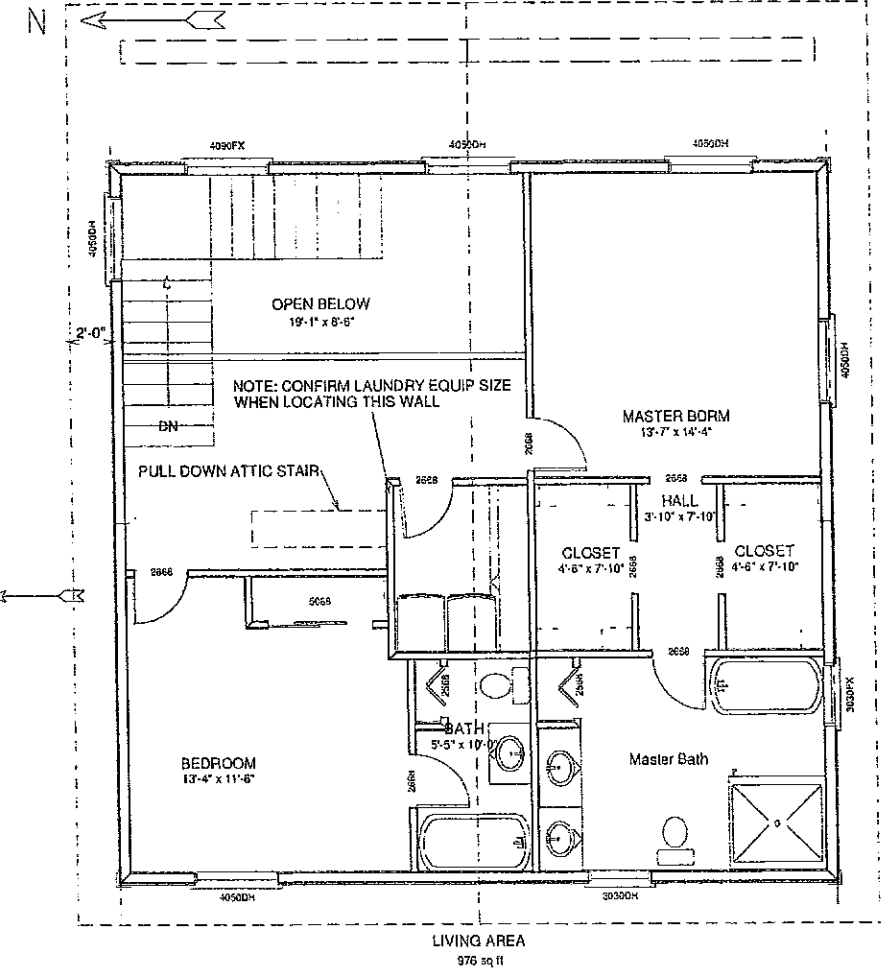
<b>MACDONALD RESIDENCE</b>		WALKER DESIGN walkerdesignshop.com (208) 788-5962 Date Drawn: 4/16/09 Scale: as shown	
515 Second Avenue North    Hailey, Idaho		Revisions	sheet
<b>ELEVATIONS</b>			<b>A2</b>



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



**FIRST FLOOR**

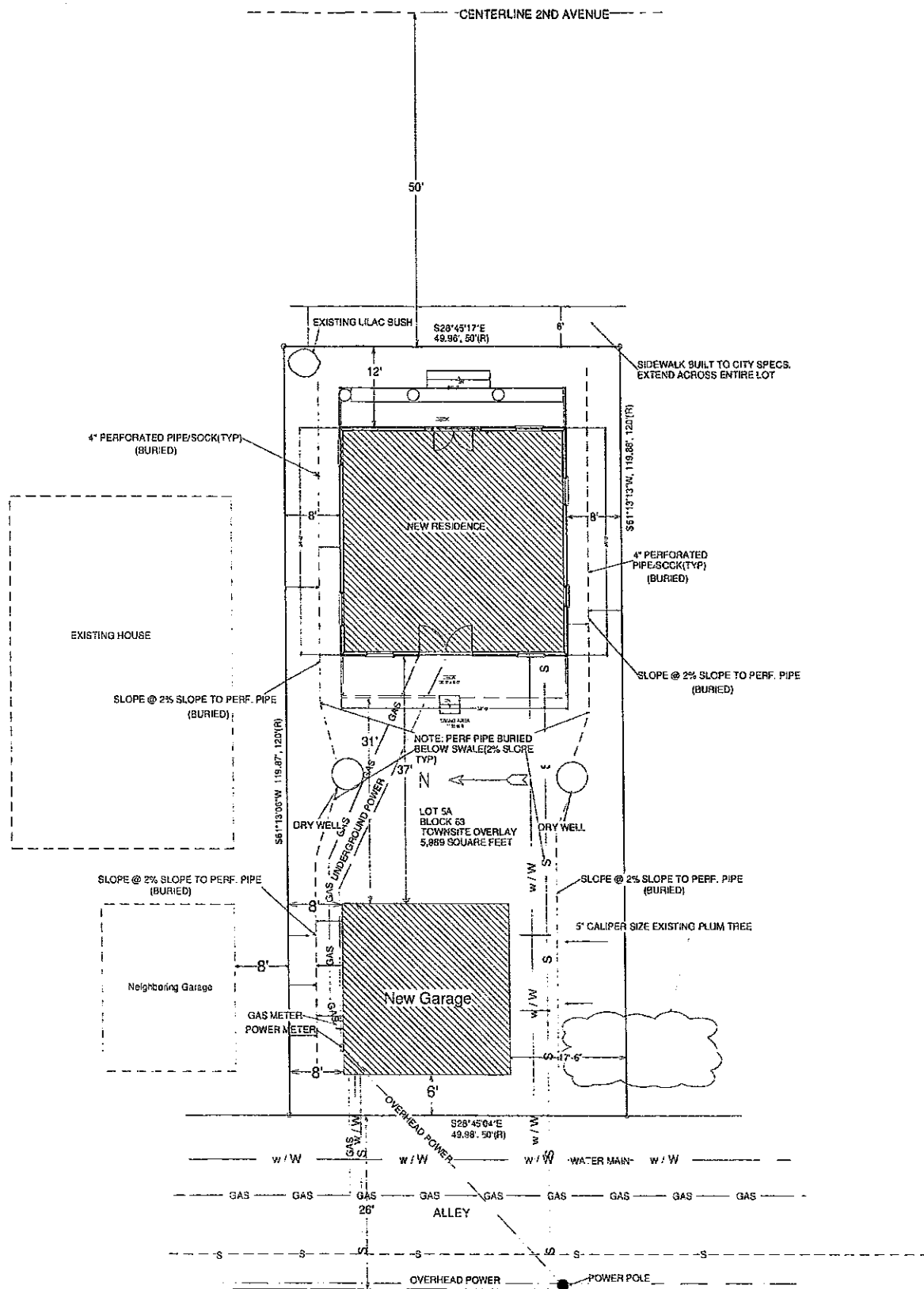


**SECOND FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

RECEIVED

NOTE: ALL EXTERIOR DIMENSIONS ARE SAME AS BASEMENT

<b>MACDONALD RESIDENCE</b>		WALKER DESIGN walkerdesignshop.com (208) 788-5962 Date Drawn: 4/16/09 Scale: as shown	
515 Second Avenue North    Hailey, Idaho		Revisions	sheet
<b>FLOORPLANS</b>			<b>A3</b>

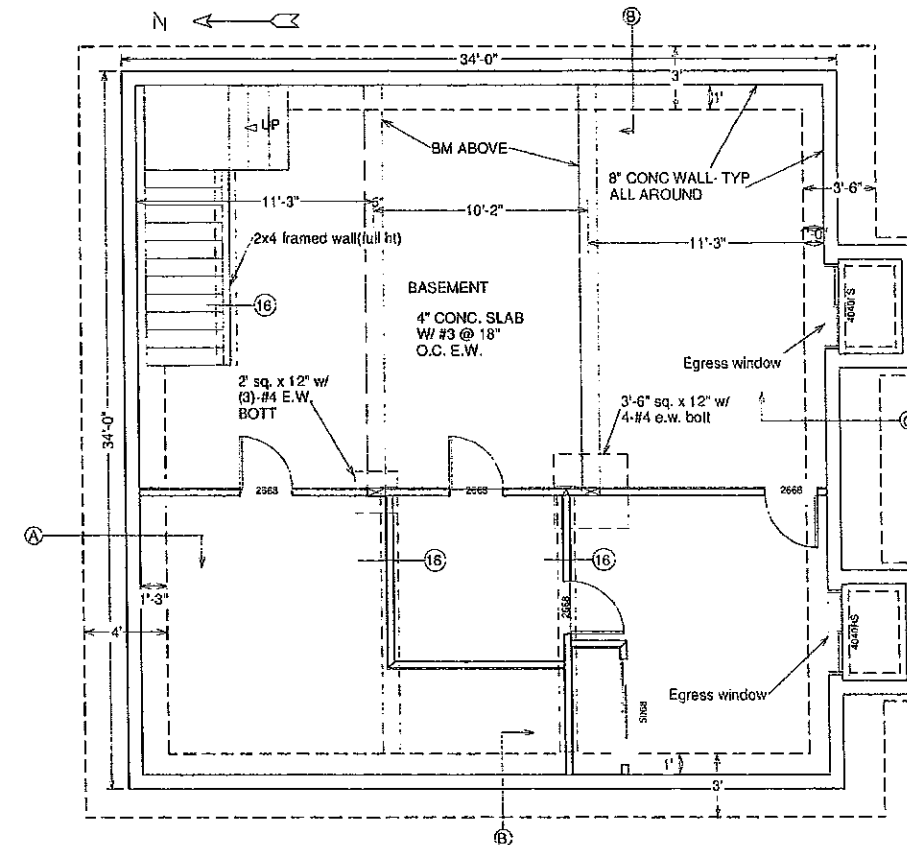
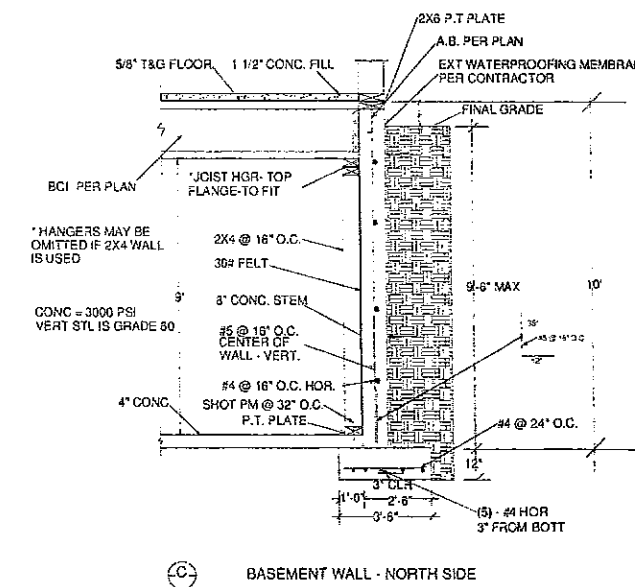
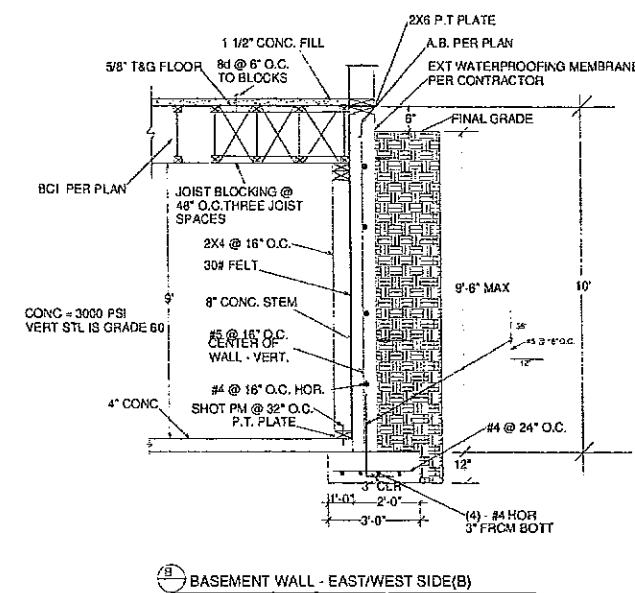
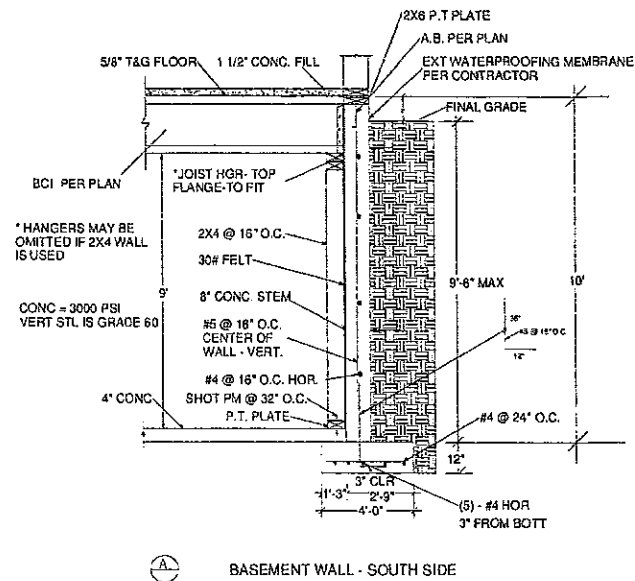


RECEIVED  
APR 15 2009

# SITE PLAN

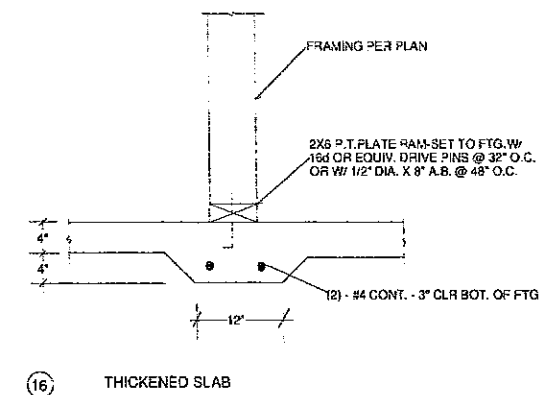
SCALE: 1" = 10'

<b>MACDONALD RESIDENCE</b>		WALKER DESIGN walkdesignsncop.com (208) 788-5962	
515 Second Avenue North    Halley, Idaho		Date Drawn: 4/16/09 Scale: as shown	
<b>ENLARGED SITE PLAN</b>		Revisions	sheet <b>A4</b>



FOUNDATION PLAN

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



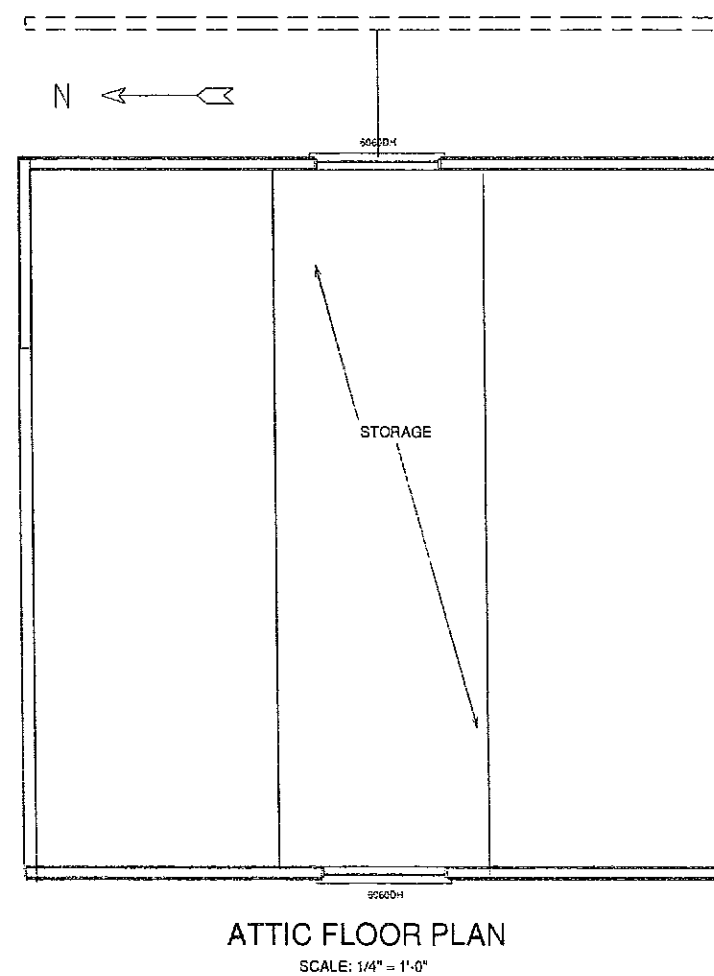
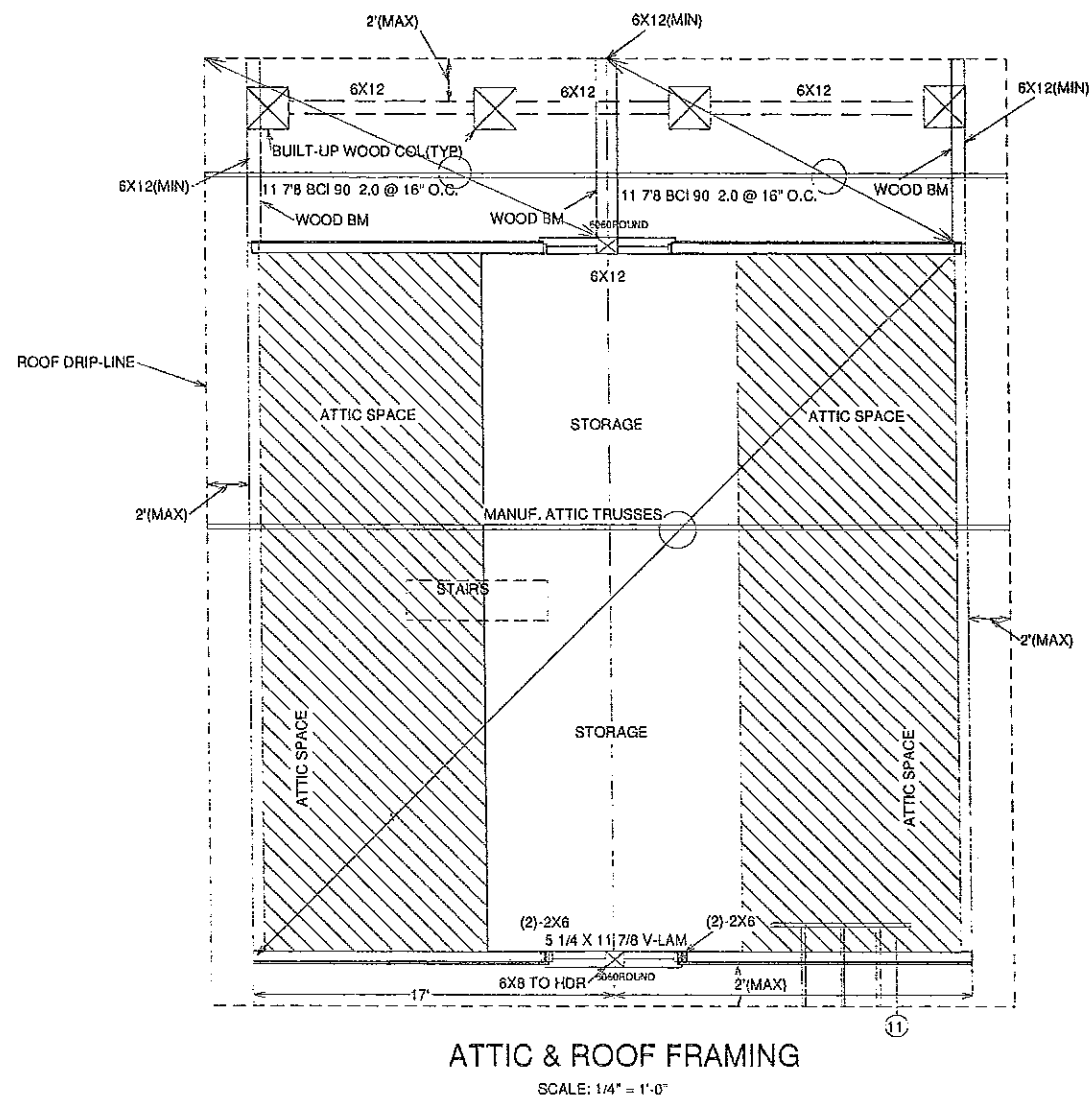
16 THICKENED SLAB

RECEIVED

JUL 13 2012

<b>MACDONALD RESIDENCE</b>		WALKER DESIGN walkerdesignsncop.com (208) 788-5982	
515 Second Avenue North    Halley, Idaho		Date Drawn: 4/16/09 Scale: as shown	
<b>FOUNDATION PLAN &amp; STRUCTURAL DETAILS</b>		Revisions	sheet
			<b>S1</b>

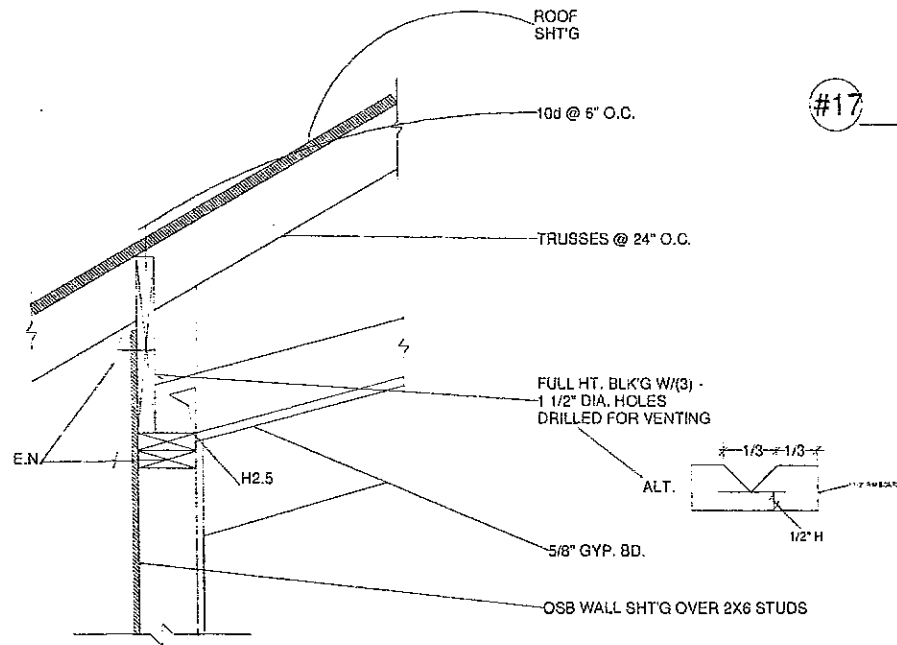
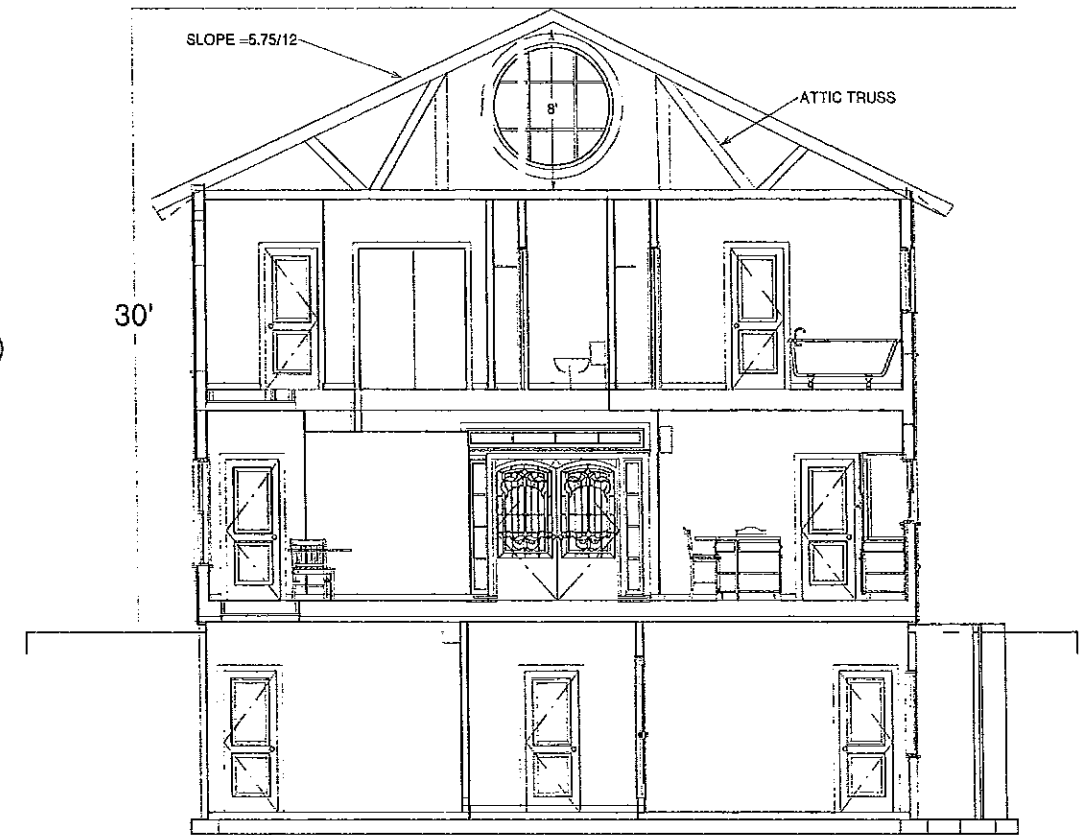
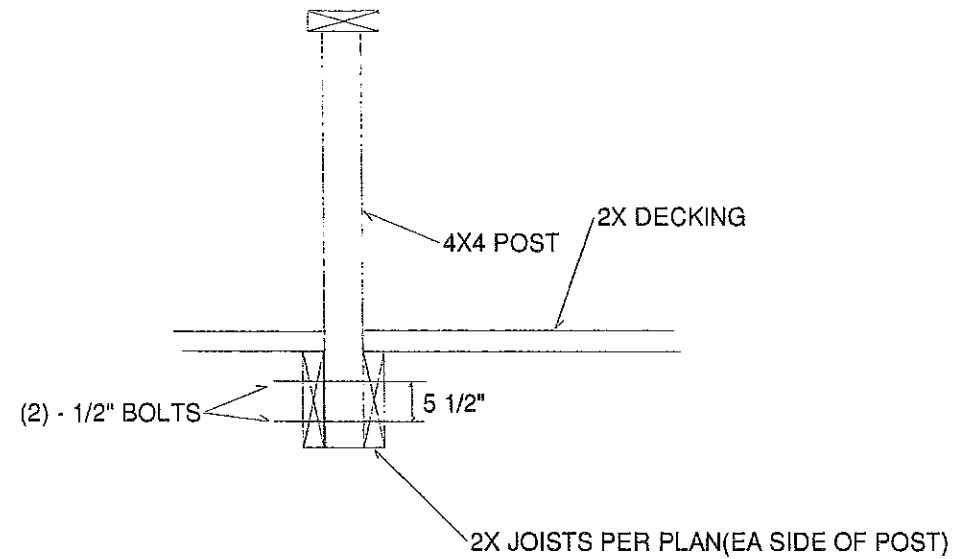
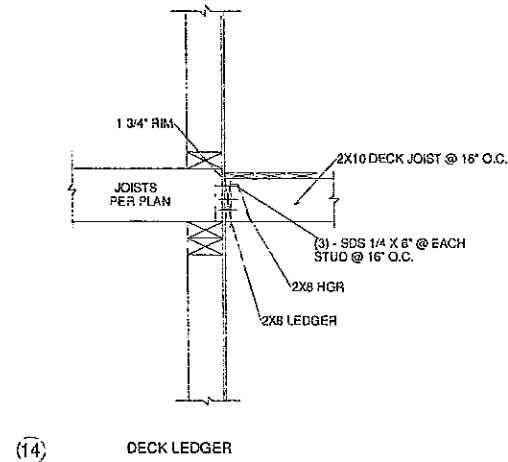
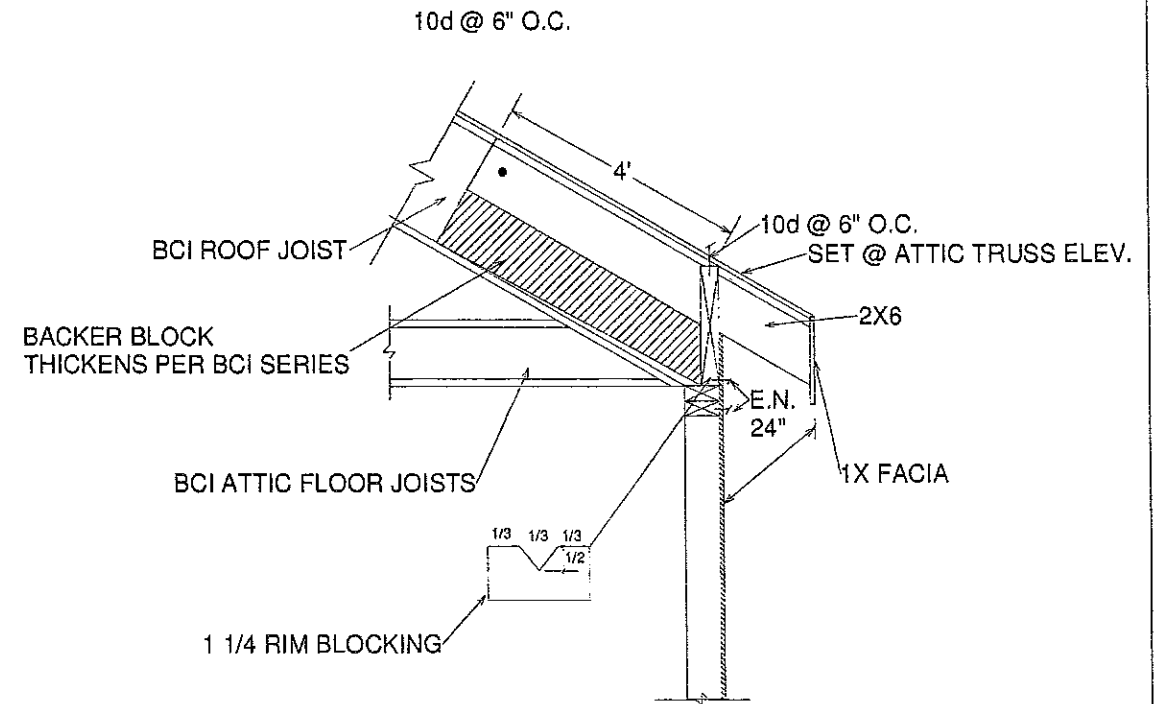
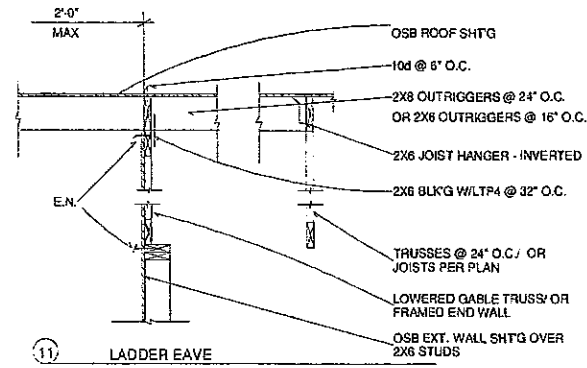
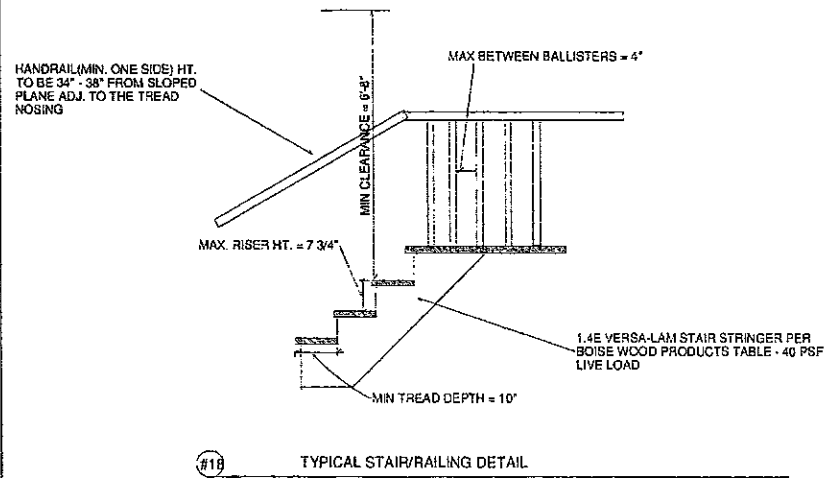




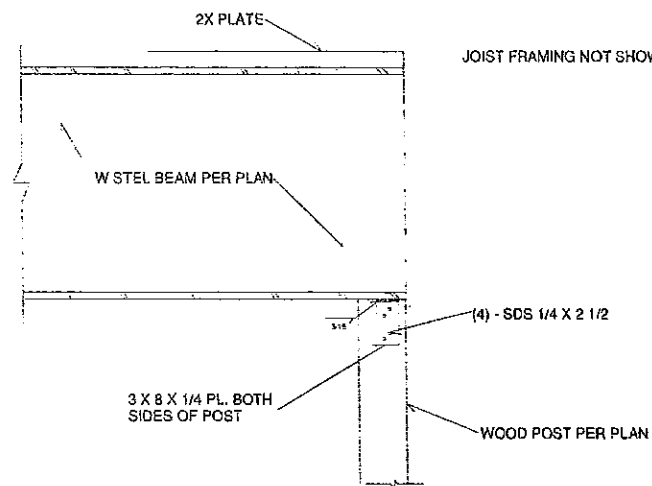
RECEIVED

APR 15 2009

<b>MACDONALD RESIDENCE</b>		WALKER DESIGN walkerdesignshop.com	
515 Second Avenue North    Halley, Idaho		(208) 788-5952	
		Date Drawn: 4/16/09	
		Scale: as shown	
<b>ATTIC FLOOR AND ROOF PLAN</b>		Revisions	sheet
			<b>S3</b>



#17 HANDRAIL ATTACHMENT DETAIL



Z STEEL W BEAM TO WOOD POST

RECEIVED

JUL 13 2009

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

<b>MACDONALD RESIDENCE</b>		WALKER DESIGN walkerdsgnsnop.com (208) 788-5962 Date Drawn: 4/16/09 Scale: as shown	
515 Second Avenue North		Halley, Idaho	
<b>STRUCTURAL DETAILS</b>		Revisions	Sheet
			<b>S4</b>

**\*GENERAL NOTES**

CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS. ANY DISCREPANCY IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD.

ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE, 2006 EDITION.

**\*DESIGN CRITERIA**

ROOF SNOW LOAD  $P_g = P_g = \frac{P_g C_e C_d}{1.0}$   
 $P_g = 100 \text{ PSF}$   $C_e = 1.0$   
 $P_g$  GIVEN BY BUILDING OFFICIAL

FLOOR LIVE LOAD  $P_L = 40 \text{ PSF}$   
 DEAD LOAD  $P_D = 10 \text{ PSF}$

WIND 3 SECOND GUST = 90 MPH  
 EXPOSURE C  
 BUILDING CATEGORY:

SEISMIC SEISMIC USE GROUP: 1.1  
 BEARING CAPACITY CATEGORY D  
 SITE CLASS: D  
 35% SNOW IN SEISMIC WT  
 BASIC SEISMIC FORCE RESISTING SYSTEM PER TABLE 1617.8 1K R4.6 1/2

SPECTRAL ACCELERATION FROM USGS CD-ROM  
 FOR ZIP CODE: 83333  
 FOR LAT. LONG.

SPECTRAL RESPONSE COEFFICIENTS:  
 $S_{ds} = 0.25 g$   $S_{d1} = 0.25 g$   $S_{d2} = 0.25 g$   
 $S_{d3} = 0.25 g$   $S_{d4} = 0.25 g$   $S_{d5} = 0.25 g$

ANALYSIS PROCEDURE: (CHECK BOX)

SIMPLIFIED  EQ. LAT. FORCE

DESIGN BASE SHEAR:  $V = 0.70 W$  (WORKING STRESS)  $C = 0.30$

SPECIAL REQUIREMENTS: (CIRCLE ONE)  
 QUALITY ASSURANCE PLAN: YES/NO  
 STRUCTURAL OBSERVATION: YES/NO  
 SPECIAL INSPECTION: YES/NO

2"x2"x3/16" PLATE WASHERS REQUIRED: (CIRCLE ONE) YES/NO  
 SOIL BEARING VALUE: 1500 PSF PER TABLE 1804.2 IBC

**\*FOUNDATIONS**

ALL FOUNDATIONS SHALL BEAR A MINIMUM OF 2" BELOW ADJACENT GRADE U.O.C.  
 ALL FOOTINGS TO BEAR ON UNDISTURBED NATIVE SOIL OR APPROVED FILL  
 COMPACTED IN 6 INCH LIFTS TO 90% OF MAXIMUM DRY DENSITY AS INDICATED  
 BY A STANDARD PROCTOR TEST. IF UNCOMPACTED FILL OR LOOSE SOIL IS  
 ENCOUNTERED, EXCAVATE TO NATIVE GROUND AND COMPACT AS ABOVE.

IF SOIL CONDITIONS EXIST THAT ARE NOT CONSISTENT WITH ASSUMPTIONS  
 SUCH AS CLAY, SILT OR ORGANIC MATERIAL, CONTACT ENGINEER TO REVIEW

**\*CONCRETE**

ALL CONCRETE WORK SHALL CONFORM TO CHAPTER 19 OF THE IBC.

CONCRETE FOR FOUNDATIONS SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF  
 3000 PSI. CONCRETE FOR SLABS ON GRADE SHALL HAVE A MINIMUM 28 DAY  
 COMPRESSIVE STRENGTH OF 4000 PSI AND A MAXIMUM WATER/CEMENT RATIO OF  
 0.45. ALL OTHER CONCRETE TO HAVE A 28 DAY COMPRESSIVE STRENGTH OF  
 3000 PSI. CONCRETE MIX DESIGN SHALL BE DONE BY A P.E. I.C. TO  
 ACHIEVE SPECIFIED STRENGTH.

ALL REINFORCEMENT TO BE ASTM A615 GRADE 40 U.N.O. ON DRAWINGS.  
 PROVIDE MILL SPEC'S FROM SUPPLIER FOR ALL REBAR UPON  
 REQUEST. REBAR SHALL BE FREE OF DIRT, GREASE OR LOOSE SCALE.

ALL REINFORCEMENT DETAILS SHALL CONFORM TO THE REQUIREMENTS OF SECTION  
 1907 OF THE 2000 EDITION OF THE IBC. ALL SPLICES AND DEVELOPMENT OF  
 REBAR SHALL CONFORM TO THE IBC. LAP ALL SPLICES A MINIMUM  
 OF 25 BAR DIAMETERS UNLESS NOTED OTHERWISE ON DRAWINGS.

SILL PLATES TO BE D.F. PRESSURE TREATED WITH AN APPROVED PRESERVATIVE  
 AND BOLTED TO THE FOUNDATION WITH 1/2" DIA. x 10" ANCHOR BOLTS EMBEDDED 7  
 INCHES INTO STEM WALLS U.N.O. ON DRAWINGS. SILL PLATES FOR PONY WALLS  
 SHALL BE PRESSURE TREATED AND BOLTED TO PONY WALL FOOTINGS WITH 1/2" DIA.  
 ANCHOR BOLTS AT 48" O.C. EMBED 5 INCHES U.N.O. ON DRAWINGS.

**\*CONCRETE MASONRY UNIT (CMU):**

ALL CMU BLOCK TO MEET OR EXCEED REQUIREMENTS IN IBC SECTION CHAPTER 21 WITH MINIMUM  
 SPECIFIED COMPRESSIVE STRENGTH OF MASONRY EQUAL TO 1500 PSI MINIMUM. ALL MASONRY  
 SHALL BE LAID IN RUNNING BOND. U.N.O. MORTAR SHALL BE TYPE M OR S WITH MINIMUM  
 COMPRESSIVE CUBE STRENGTH OF 2500 PSI AND 1800 PSI RESPECTFULLY IN ACCORDANCE WITH  
 ASTM C270. GROUT SHALL BE OF MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI IN ACCORDANCE  
 WITH IBC TESTING PROCEDURES. ALL GROUTING SHALL BE DONE VIA LOW LIFT PROCEDURES NOT  
 TO EXCEED 4'-0" IN HEIGHT UNLESS CLEAN-OUTS ARE USED. IF CLEAN-OUTS ARE USED HIGH LIFT  
 GROUTING PROCEDURES MAY BE IMPLEMENTED. ALL CMU TO BE SOLID GROUTED U.N.O.

**\*REINFORCEMENT OF MASONRY UNITS:**

REINFORCEMENT OF CMU TO CONFORM WITH MINIMUM IBC STANDARDS. PROVIDE 1) #4 HORIZONTAL  
 AT TOP, BOTTOM OF WALL AND ABOVE AND BELOW ALL OPENINGS AND AT ALL INTERSECTING FLOOR  
 AND ROOF LEVELS. LAP ALL REINFORCEMENT 40 BAR DIAMETERS. U.N.O.

**\*STEEL**

**\*GENERAL REQUIREMENTS**

ALL STEEL CONSTRUCTION SHALL CONFORM TO CHAPTER 22 OF THE  
 INTERNATIONAL BUILDING CODE AND TO THE CURRENT EDITION OF THE AISC SPECIFICATION  
 FOR STEEL BUILDINGS. ALL BOLTED STEEL CONNECTIONS SHALL CONFORM TO THE AISC  
 SPECIFICATION FOR JOINTS USING ASTM A-325 OR A-490 BOLTS. ALL WELDING SHALL  
 CONFORM TO THE REQUIREMENTS OF AWS D1.1 USING AWS PRE QUALIFIED JOINT DETAILS.

**\*MATERIALS**

ALL STEEL MATERIALS USED ON THE PROJECT SHALL CONFORM TO THE FOLLOWING ASTM  
 SPECIFICATIONS.

- WIDE FLANGE SECTIONS.....ASTM A36
- OTHER ROLLED SHAPES.....ASTM A36
- HOT ROLLED PLATES AND BARS.....ASTM A36
- COLD ROLLED PLATES AND BARS.....ASTM A696, A697 OR A611
- RECTANGULAR TUBE SECTIONS.....ASTM A500, GRADE B
- ROUND PIPES.....ASTM A53, GRADE B
- STRUCTURAL BOLTS.....A325 OR A490

ALL STRUCTURAL STEEL MEMBERS SHALL BE FURNISHED WITH A PRIMER COAT OF STANDARD  
 SHOP PAINT OR SHALL BE PAINTED WITH AN EQUIVALENT PRIMER MEETING THE MINIMUM  
 REQUIREMENTS OF STEEL STRUCTURES PAINTING COUNCIL SPEC 18-1987. TYPE 1 (RED OXIDE)  
 EXCEPT THAT AREAS TO BE FIELD WELDED SHALL BE LEFT UNPAINTED.

**\*CONNECTIONS - BOLTED JOINTS**

ALL BOLTED CONNECTIONS SHALL CONFORM TO CHAPTER 22  
 OF THE IBC. ALL BOLTS SHALL BE HIGH STRENGTH BOLTS ASTM A325 OR A490 USED WITH  
 THE APPROPRIATE NUTS AS SPECIFIED IN SECTION 2221.3. BOLT DIMENSIONS SHALL BE SUCH  
 THAT THE END OF THE BOLT WILL BE FLUSH WITH OR OUTSIDE THE FACE OF THE NUT.

ALL FASTENERS SHALL BE PROTECTED ON THE JOB SITE FROM DIRT AND MOISTURE.  
 FASTENERS SHALL NOT BE CLEANED OF LUBRICANT THAT IS PRESENT IN THE AS-DELIVERED  
 CONDITION. WHEN IT IS NECESSARY TO CLEAN FASTENERS PRIOR TO INSTALLATION TO  
 REMOVE DIRT OR RUST RESULTING FROM ON-SITE CONDITIONS, THEY SHALL BE RE-LUBRICATED  
 PRIOR TO INSTALLATION.

JOINT ASSEMBLY REQUIRING FULL PRETENSION SHALL BE NOTED ON THE DRAWING AND THE  
 METHODS OF OBTAINING AND VERIFYING THE REQUIRED PRETENSION SHALL BE AS NEGOTIATED  
 FOR THE PROJECT PRIOR TO CONSTRUCTION.

ALL OTHER BOLTED CONNECTIONS SHALL BE TIGHTENED TO THE SNUG-TIGHT CONDITION.  
 THE SNUG-TIGHT CONDITION SHALL BE DEFINED AS THE TIGHTNESS THAT EXISTS WHEN ALL  
 PLIES ARE IN FIRM CONTACT. THIS MAY BE ACCOMPLISHED WITH A FEW IMPACTS OF AN  
 IMPACT WRENCH OR THE TIGHTENING A PERSON CAN ACHIEVE WITH FULL STRENGTH WITH AN  
 ORDINARY SPUD WRENCH.

**\*CONNECTIONS - WELDED JOINTS**

ALL WELDED CONNECTIONS SHALL CONFORM TO CHAPTER 22  
 OF THE IBC. ALL SHOP WELDS SHALL BE ACCOMPLISHED IN APPROVED  
 FACILITIES. ALL FIELD WELDS SHALL BE ACCOMPLISHED BY AWS CERTIFIED WELDERS.  
 ALL FIELD WELDS, EXCEPT 1/4" FILLET WELDS AT TOPS AND BOTTOMS OF COLUMNS AND  
 AT WEB STIFFENERS, SHALL HAVE SPECIAL INSPECTIONS PER SECTION 1701.

ALL WELDS SHALL BE ACCOMPLISHED WITH E70XX LOW HYDROGEN ELECTRODES.  
 MATERIAL TO BE WELDED SHALL BE PREHEATED TO APPROVED TEMPERATURES PER AWS D1.1.

**\*WOOD FRAMING**

SAWN LUMBER SHALL CONFORM TO THE WEST COAST LUMBER INSPECTION BUREAU GRADING AND  
 DRESSING RULES, LATEST EDITION. EACH PIECE SHALL BEAR A GRADE MARK AS DELIVERED.  
 SILL PLATES SHALL BE DF UTILITY GRADE (PRESSURE TREATED). ALL OTHER 2X AND 4X LUMBER  
 SHALL BE DF #2, KILN DRIED. ALL 6X AND LARGER TIMBERS SHALL BE DF #2 U.N.O. ON PLANS.

ALL FRAMING SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 23 OF  
 THE IBC. ALL NAILED CONNECTIONS SHALL CONFORM TO TABLE 2304.3.1 NAILING SCHEDULE  
 UNLESS NOTED OTHERWISE ON THE PLANS.

ROOF SHEATHING SHALL BE APA RATED PANELS WITH 48/20 SPAN RATING.

FLOOR SHEATHING SHALL BE APA RATED T&G PANELS WITH 48/24 SPAN RATING.

WALL SHEATHING SHALL BE 7/16" OSB PANELS U.N.O.

BOLTS FOR TIMBER CONSTRUCTION SHALL BE A307. USE WASHERS AGAINST WOOD IN ALL CASES.

**SHEAR WALL SCHEDULE**

(SEE FOOTNOTES)

MARK	SHEATHING	NAILING NOTES 3, 4, 5, 9, 13	SPECIAL NOTES
1	7/16" PLYOSB ONE SIDE, BLOCKED	2 3/8" - 0.113" @ 4" O.C. EDGES 2 3/8" - 0.113" @ 12" O.C. FIELD	
2	7/16" PLYOSB ONE SIDE, BLOCKED	2 3/8" - 0.113" @ 3" O.C. EDGES 2 3/8" - 0.113" @ 12" O.C. FIELD	FOOTNOTE 11
3	7/16" PLYOSB ONE SIDE, BLOCKED	2 3/8" - 0.113" @ 2" O.C. EDGES 2 3/8" - 0.113" @ 12" O.C. FIELD	FOOTNOTE 9 & 11
4	7/16" STRUCTURAL I PLYWOOD, BLOCKED	2 3/8" - 0.113" @ 3" O.C. EDGES 2 3/8" - 0.113" @ 12" O.C. FIELD	FOOTNOTE 11
5	7/16" STRUCTURAL I PLYWOOD, BLOCKED	2 3/8" - 0.113" @ 2" O.C. EDGES 2 3/8" - 0.113" @ 12" O.C. FIELD	FOOTNOTE 9 & 11
6			FOOTNOTE 11
7	7/16" PLYOSB ONE SIDE, BLOCKED	2 1/4" - 0.148" @ 3" O.C. EDGES 2 1/4" - 0.148" @ 12" O.C. FIELD	FOOTNOTE 11
8			FOOTNOTE 11
9	7/16" STRUCTURAL I PLYWOOD, BLOCKED	2 1/4" - 0.148" @ 3" O.C. EDGES 2 1/4" - 0.148" @ 12" O.C. FIELD	FOOTNOTE 11
10	7/16" PLYOSB BOTH SIDES, BLOCKED	2 3/8" - 0.113" @ 3" O.C. EDGES 2 3/8" - 0.113" @ 12" O.C. FIELD	FOOTNOTES 9, 10 & 11
11	7/16" PLYOSB BOTH SIDES, BLOCKED	2 1/4" - 0.148" @ 4" O.C. EDGES 2 1/4" - 0.148" @ 12" O.C. FIELD	FOOTNOTES 9, 10 & 11
12			FOOTNOTE 11 EDGE NAILING AROUND ALL OPENINGS
13	1/2" GYPSUM BOARD	5d COOLER NAILS @ 4" O.C. BOTTOM AND TOP PLATES	RUN GYP BD FROM BOTTOM TO TOP PLATES

**\*FOOTNOTES:**

- 1.
2. ALL EXTERIOR WALLS SHALL BE 7/16" OSB, NAILED 2 3/8" x 0.113" NAILS @ 6" EDGE  
 & 12" FIELD O.C. U.N.O.
3. WHEN PLYWOOD IS SPECIFIED IN TABLE, NO SUBSTITUTES SHALL BE PERMITTED
4. NAILS SPECIFIED SHALL BE TYPICAL PNEUMATIC GUN NAILS. COMMON NAILS  
 MAY BE SUBSTITUTED.
5. ALL SHEAR WALLS SHALL BE BLOCKED WITH 2X4 BLOCKS MIN.
6. EXAMPLE NAILING 4" O.C. MEANS 4" ON CENTER @ TOP AND BOTTOM PLATES AND VERTICAL  
 OR HORIZONTAL BOUNDARY ELEMENTS (VERTICAL FRAMING ATTACHED TO HOLDINGS), 4" @  
 PANEL EDGES AND 12" IN FIELD.
7. USE SIMPSON CMU COUPLING NUTS AND ALL THREAD TO BRING SSTBS TO HOLDDOWN.
- 8.
9. FRAMING AT PANEL EDGES SHALL BE 3" NOMINAL AND NAILS SHALL BE STAGGERED  
 OR (2) 2x6 STUDS NAILED W/ 18dS @ 6" O.C. STAGGERED (INCLUDING BOTTOM PLATES)
10. WHERE PANELS ARE APPLIED TO BOTH SIDES OF A WALL AND NAIL SPACING IS LESS  
 THAN 6" O.C. ON EITHER SIDE, PANEL JOINTS SHALL BE OFFSET TO FALL ON DIFFERENT  
 FRAMING MEMBERS, OR FRAMING SHALL BE 3" NOMINAL OR TRUCKER MEMBER AND NAILS  
 ON EACH SIDE SHALL BE STAGGERED.
11. FRAMING MEMBERS RECEIVING EDGE NAILING FROM ABUTTING PANELS SHALL BE A 3x8  
 OR (2) 2x6 NAILED W/ 18dS @ 6" O.C. STAGGERED (2-ROWS @ 12" O.C.)
12. EDGE NAIL AROUND ALL DOOR AND WINDOW OPENINGS, TYPICAL.
13. FIELD NAILING FOR STUDS @ 24" O.C. IS 6" O.C.

**\*PREFABRICATED WOOD TRUSSES**

PREFAB PLATED TRUSSES TO BE DESIGNED TO SUPPORT LOADINGS AS SHOWN ON THE DRAWINGS  
 AND MANUFACTURED IN AN APPROVED FACILITY. PRIOR TO THE BEGINNING OF FABRICATION,  
 THE MANUFACTURER SHALL PROVIDE SHOP DRAWINGS, SEALED BY A CIVIL ENGINEER LICENSED  
 TO PRACTICE IN THE STATE FOR APPROVAL BY THE ENGINEER OF RECORD.

THE TRUSS MANUFACTURER'S SHOP DRAWINGS SHALL SPECIFY HANGERS FOR ALL TRUSS TO TRUSS  
 CONNECTIONS AND ALL BRACING REQUIREMENTS.

ALL HANDLING AND INSTALLATION OF TRUSSES SHALL BE IN ACCORDANCE WITH THE  
 MANUFACTURER'S RECOMMENDATIONS.

THE TRUSS MANUFACTURER'S SHOP DRAWINGS SHALL SPECIFY ALL REQUIRED HARDWARE AT BEARING  
 PLATES SUCH AS ANY TRUSS BEARING ENHANCERS AND/OR TIE DOWNS FOR WIND UPLIFT.

TRUSS DESIGN SHALL ACCOUNT FOR VALLEY DRIFT, DRIFT FROM UPPER ROOFS, SLICING IMPACT  
 AND OVERHANG LOADINGS AS PER SECTION 7 OF ASCE7.

**\*ENGINEERED WOOD PRODUCTS**

STRUCTURAL COMPOSITE LUMBER (SCL) SHALL INCLUDE ENGINEERED WOOD PRODUCTS KNOWN AS  
 VERSA LAM (VL) BY BOISE CASCADE OR PARALLAM (PSL) BY TRUSS JOIST/MILLAN.  
 SUBSTITUTION OF PRODUCTS REQUIRES WRITTEN PERMISSION FROM THE ENGINEER OF RECORD.

SCL SHALL BE ASSUMED TO BE SOLID ENGINEERED PIECES UNLESS MULTIPLE PIECES ARE  
 SPECIFICALLY DESIGNATED ON THE PLAN. WHERE MULT. PIECES ARE DESIGNATED, THEY  
 SHALL BE CONNECTED WITH (3) ROWS OF 16d @ 12" o.c. UNLESS OTHERWISE NOTED ON THE  
 PLANS OR DETAILS.

RIM OR BLOCKING MATERIAL NOTED AS VL, T/S OR LVL REFERS TO VERSA-RIM (BOISE  
 CASCADE) OR TIMBERSTRAND (TJM). SUBSTITUTION OF OTHER PRODUCTS REQUIRES WRITTEN  
 PERMISSION FROM THE ENGINEER OF RECORD.

JOISTS REFERRED TO AS BCI INDICATE WOOD "I" JOISTS AS MANUFACTURED BY THE BOISE  
 CASCADE COMPANY. JOISTS DESIGNATED TJ REFER TO "I" JOISTS AS MANUFACTURED BY  
 THE TRUSS JOIST/MILLAN COMPANY. SUBSTITUTION OF PRODUCTS REQUIRES WRITTEN  
 PERMISSION FROM THE ENGINEER OF RECORD.

ALL MANUFACTURED WOOD PRODUCTS SHALL BE HANDLED AND INSTALLED PER THE  
 MANUFACTURER'S RECOMMENDATIONS.

**\*GLUE LAMINATED TIMBER**

ALL GLU-LAM BEAMS SHALL BE COMBINATION 24F-V4 FOR SIMPLE SPANS AND COMBINATION  
 24F-V8 FOR BEAMS CONTINUOUS OVER A SUPPORT.

ALL GLU-LAM BEAMS SHALL BE FABRICATED IN AN APPROVED FACTORY USING  
 EXTERIOR GRADE GLUE. ALL GLU-LAMS SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 16%.

**\*LOGS**

ALL LOG CONSTRUCTION SHALL BE CONSISTENT WITH STANDARD LOG CONSTRUCTION PRACTICES  
 COMMON TO OUR AREA. ALL LOG BEARING WALLS SHALL BEAR ON REINFORCED FOUNDATIONS  
 OF CONCRETE OR CMU BUILT ACCORDING TO SPECIFICATIONS FOUND ELSEWHERE ON THIS SHEET  
 U.N.O. ON THE DRAWINGS. SEE THE DRAWING FOR FOUNDATION TO TOP-OF-WALL THREADED ROD HDS.  
 ALL LOG COURSES SHALL BE PINNED TO THE PREVIOUS COURSE W/ 1 1/8" IN DIA. GALV. PIPE PIN @  
 @ 4'-0" O.C. U.N.O. - ASTM A59. ALL PINS THRU 1 1/2" LOG COURSES- MINIMUM.

ALL LOGS USED ON THE PROJECT SHALL, AT A MINIMUM, BE LODGE POLE PINE/ENGLEMAN SPRUCE OR  
 EQUIVALENT AND CONFORM TO THE TIMBER PRODUCTS INSPECTION (TPI) LOG GRADING SPECIFICATIONS  
 FOR WALL LOG 40. MINIMUM DESIGN VALUES SHALL BE:

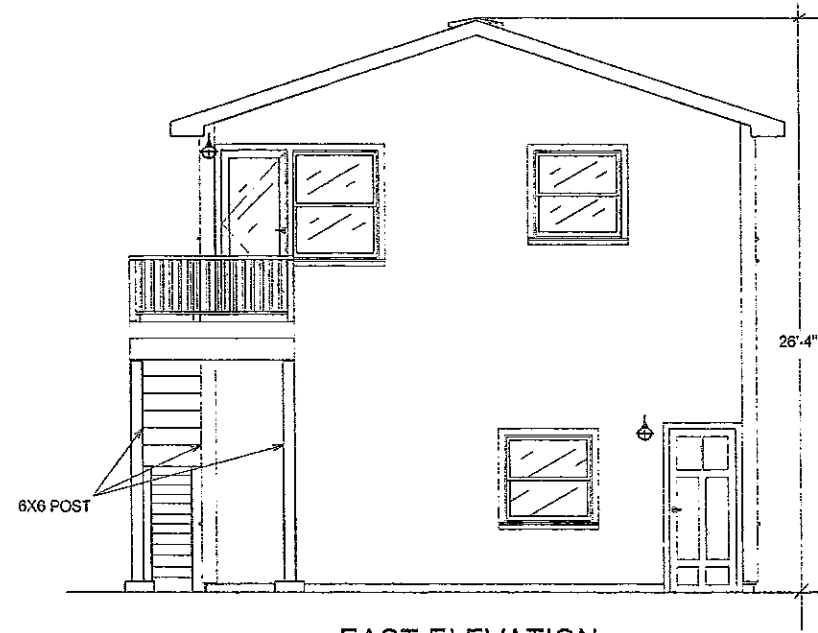
- MINIMUM STRESS IN BENDING (Fb).....550-PSI
- MINIMUM SHEAR STRESS.....85-PSI
- MINIMUM MODULUS (MOE).....900-PSI

**\*JOB SITE SAFETY**

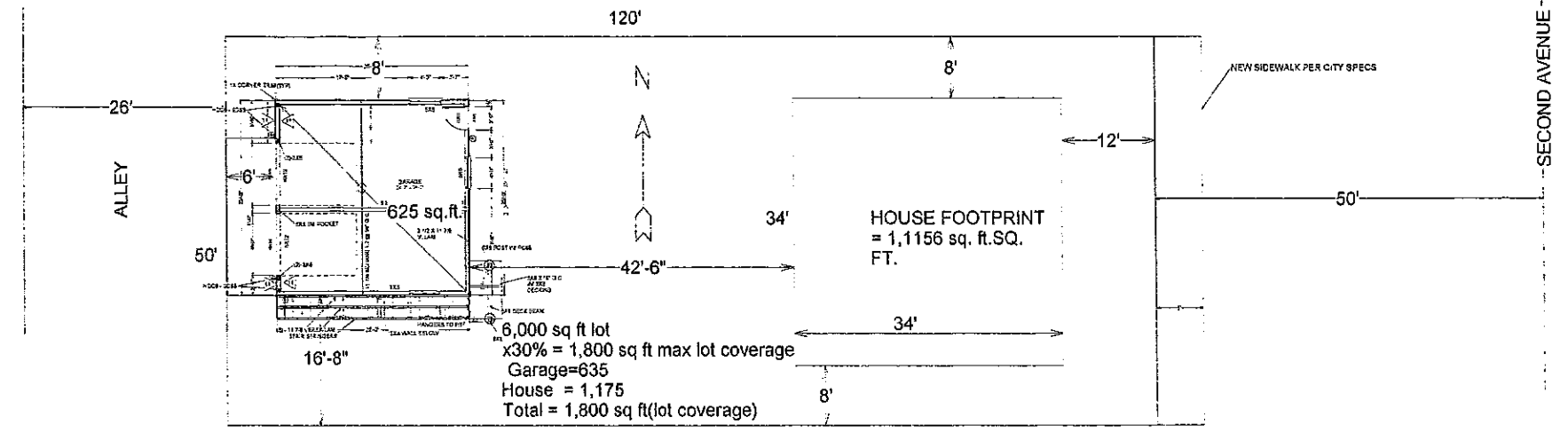
THE ENGINEER HAS NOT BEEN RETAINED OR COMPENSATED TO PROVIDE DESIGN  
 AND/OR CONSTRUCTION REVIEW SERVICES RELATED TO THE CONTRACTOR'S SAFETY  
 PRECAUTIONS OR TO MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES  
 FOR THE CONTRACTOR TO PERFORM HIS WORK. THE UNDERTAKING OF PERIODIC  
 SITE VISITS BY THE ENGINEER SHALL NOT BE CONSTRUED AS SUPERVISION OF  
 ACTUAL CONSTRUCTION NOR MAKE HIM RESPONSIBLE FOR PROVIDING A SAFE PLACE  
 FOR THE PERFORMANCE OF WORK BY THE CONTRACTOR, SUBCONTRACTORS,  
 SUPPLIERS OR THEIR EMPLOYEES.

RECEIVED

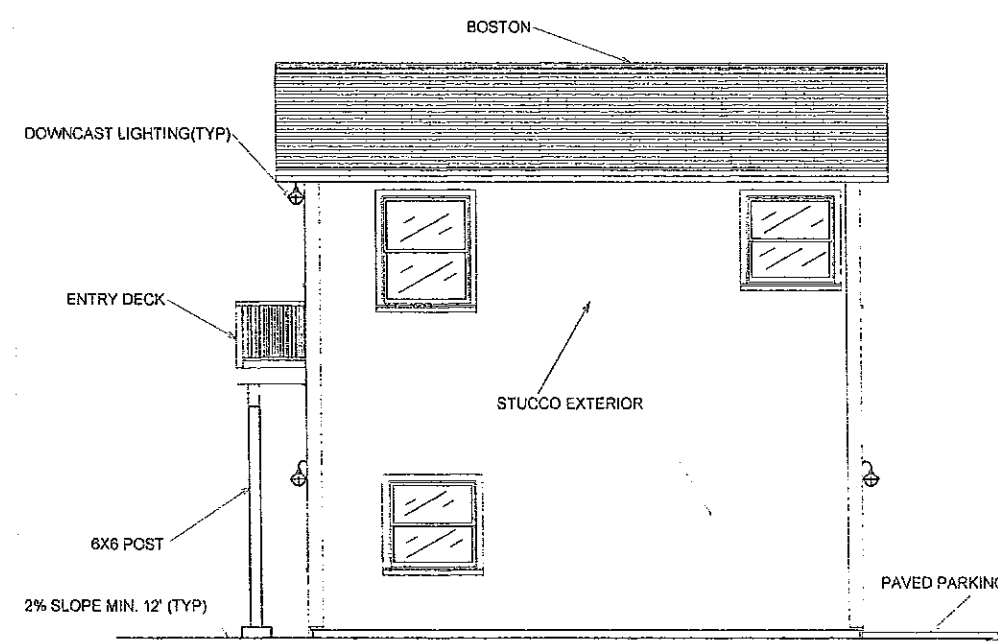
<b>MACDONALD RESIDENCE</b>		<b>WALKER DESIGN</b> walkerdesignshop.com (208) 788-5552 Date Drawn: 4/18/09 Scale: as shown	
515 Second Avenue North		Halley, Idaho	
<b>STRUCTURAL NOTES</b>		Revisions	sheet <b>S5</b>



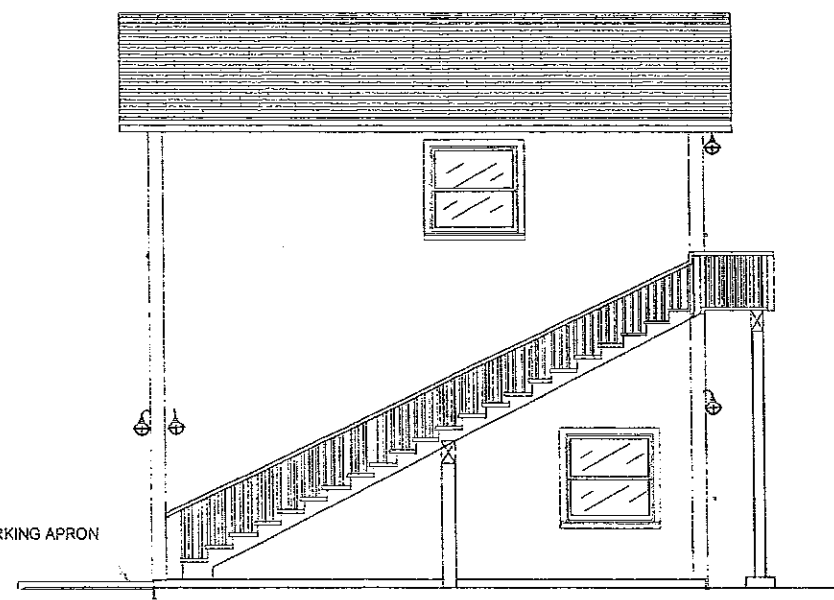
**EAST ELEVATION**  
SCALE: 1/4" = 1'-0"



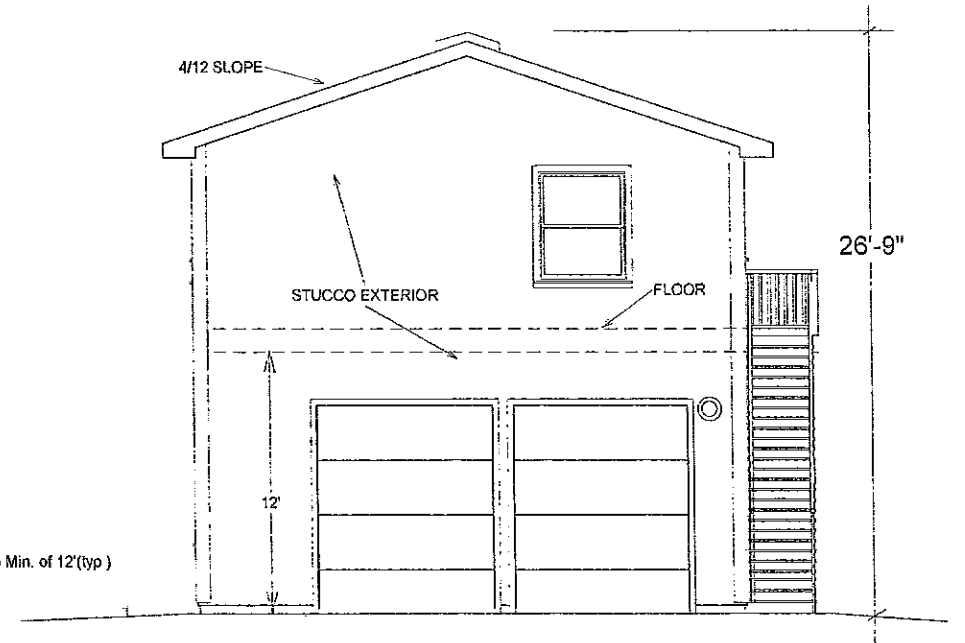
**SITE PLAN**  
SCALE: 1" = 10'



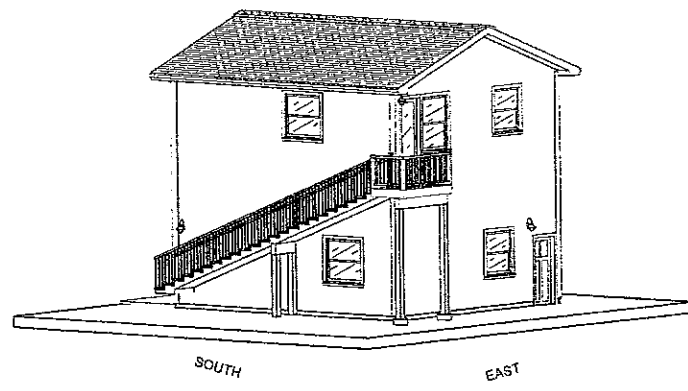
**NORTH ELEVATION**  
SCALE: 1/4" = 1'-0"



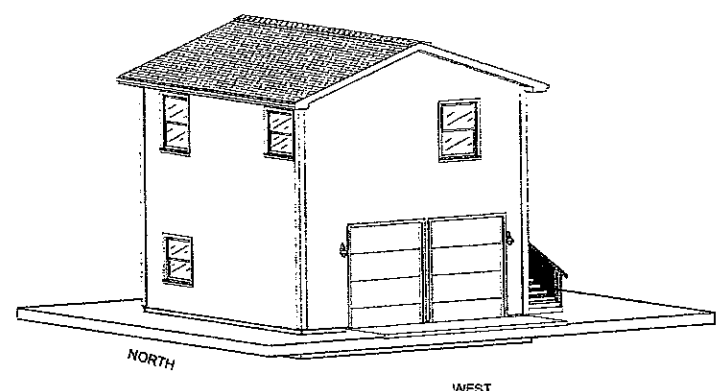
**SOUTH ELEVATION**  
SCALE: 1/4" = 1'-0"



**WEST ELEVATION**  
SCALE: 1/4" = 1'-0"



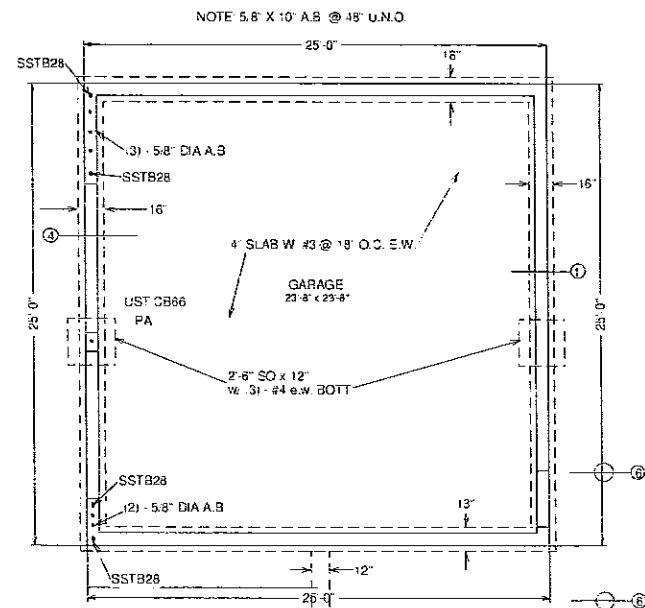
SCALE: 1/8" = 1'-0"



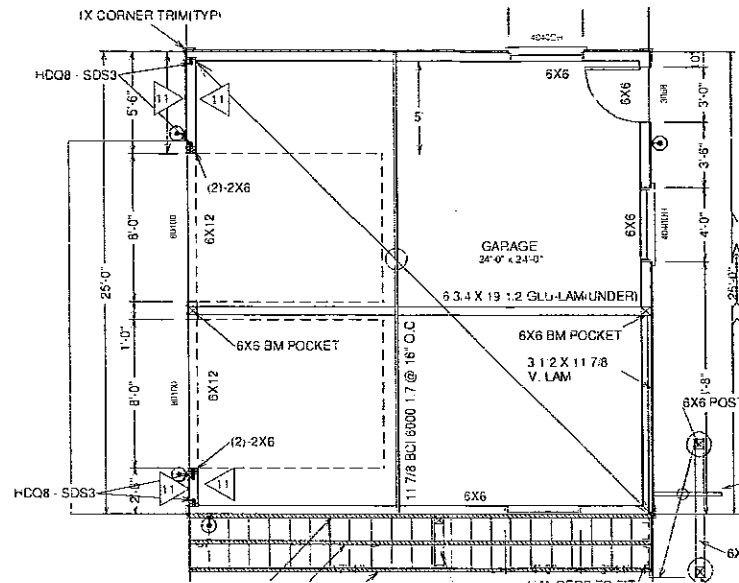
SCALE: 1/8" = 1'-0"

*Handwritten signature*

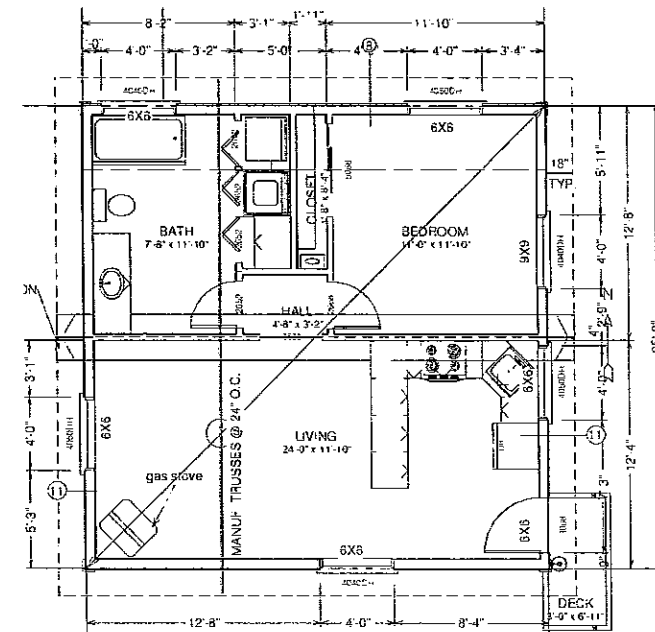
<b>MACDONALD GARAGE</b>		WALKER DESIGN walkerdesignshop.com (208) 788-5962 Date Drawn: 4/16/09 Scale: as shown	
515 2ND AVE. NORTH		HAILEY, IDAHO	
<b>ELEVATIONS &amp; PERSPECTIVE VIEWS</b>		revisions	sheet
			<b>G1</b>



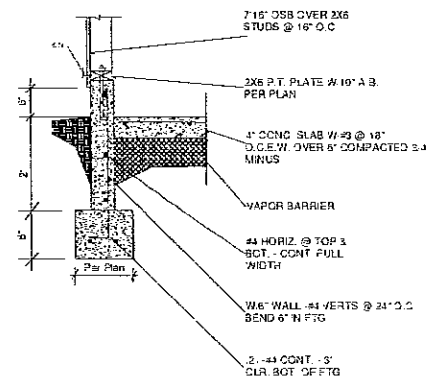
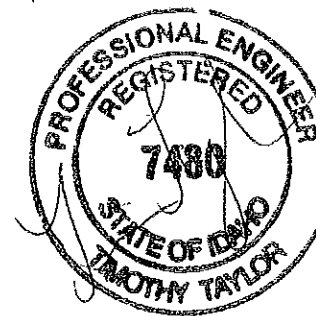
FOUNDATION PLAN  
SCALE: 1/4" = 1'-0"



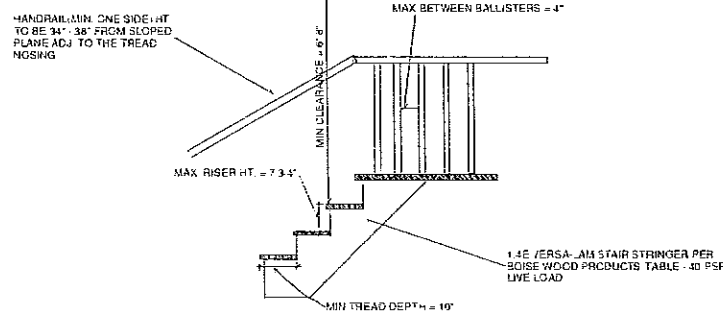
FIRST FLOORPLAN & 2ND FLOOR FRAMING  
SCALE: 1/4" = 1'-0"



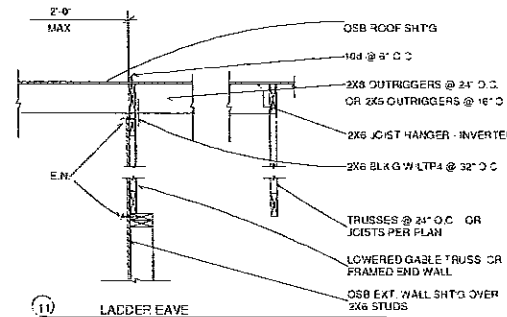
SECOND FLOORPLAN & ROOF FRAMING  
SCALE: 1/4" = 1'-0"



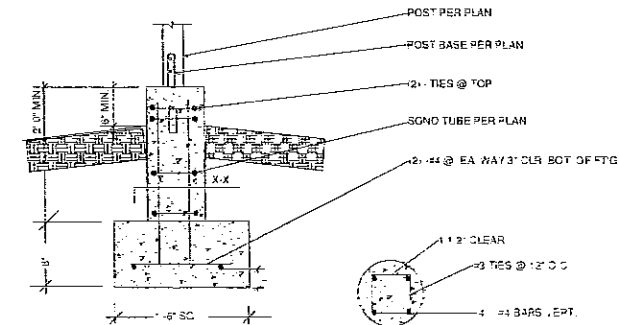
1 FTG. @ GARAGE



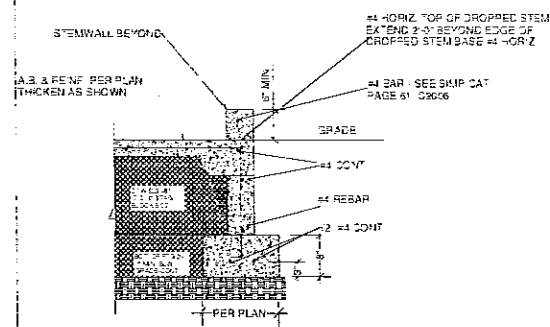
2 TYPICAL STAIR RAILING DETAIL



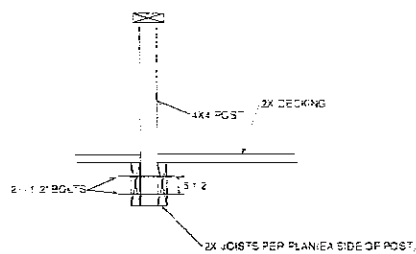
3 LADDER EAVE



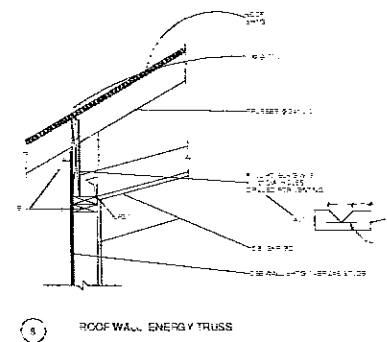
4 POST FOOTING DETAIL



4 TYPICAL GARAGE DOOR FOOTING

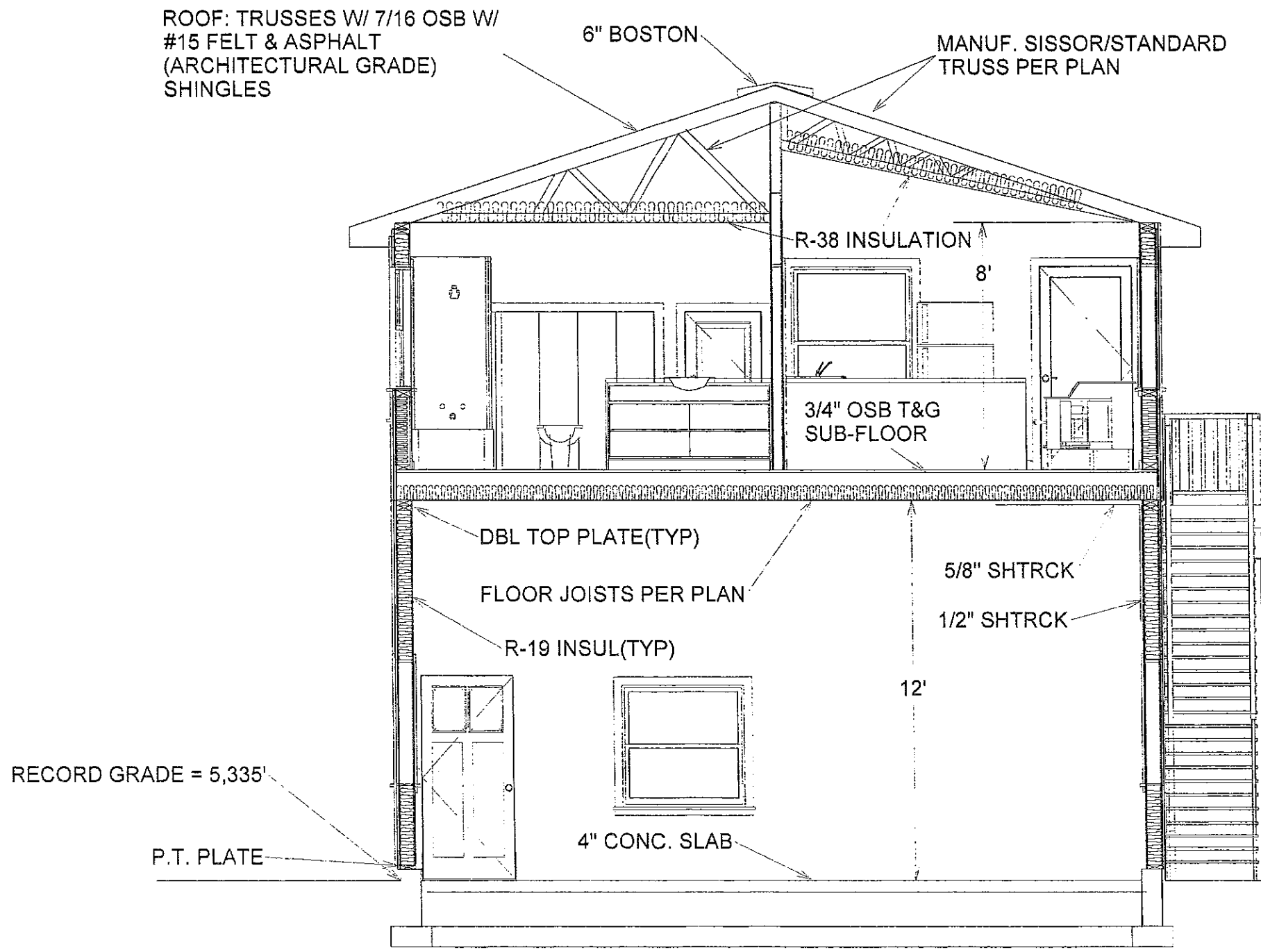


5 HANDRAIL ATTACHMENT DETAIL



6 ROOF WALL - ENERGY TRUSS

<b>MACDONALD GARAGE</b>		WALKER DESIGN walkdesign.com 2081 785-3668 Date Drawn: 11-15-09 Scale: as shown	
515 2ND AVE. NORTH		HAILEY, IDAHO	
FLOORPLANS, FOUNDATION PLAN & STRUCTURAL DETAILS		REVISIONS	Sheet <b>G2</b>



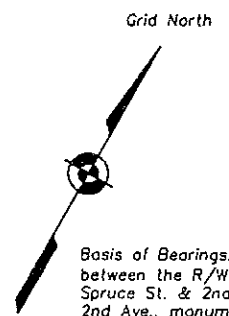
*Handwritten signature*

**GARAGE BUILDING SECTION**

SCALE: 1/2" = 1'-0"

MACDONALD GARAGE		WALKER DESIGN walkerdesignshop.com (208) 786-5982 Date Drawn: 4/18/09 Scale: as shown	
515 2ND AVE. NORTH	HAILEY, IDAHO	revisions	sheet
GARAGE SECTION			<b>G3</b>

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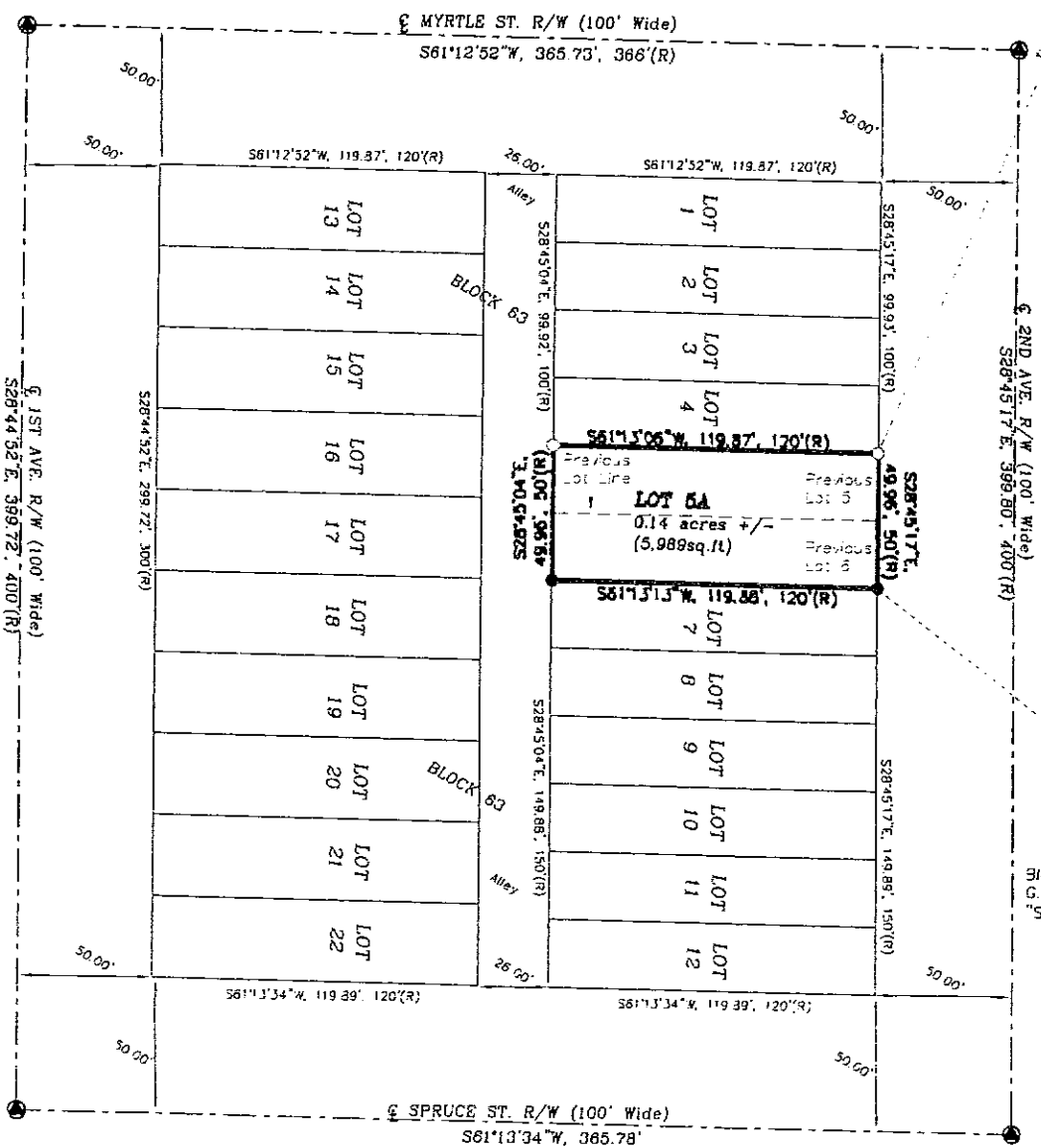
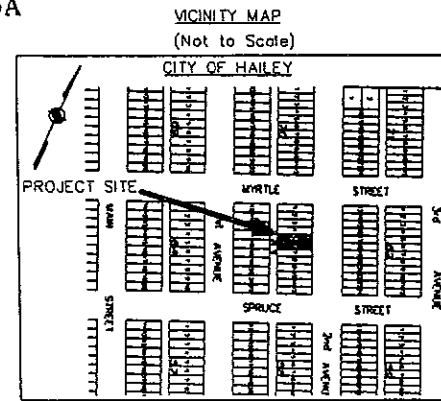
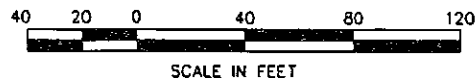
Basis of Bearings: S 28°45'17" E,  
between the R/W centerline intersections of:  
Spruce St. & 2nd Ave. and, Myrtle St. &  
2nd Ave., monumented as shown hereon.

# A PRELIMINARY PLAT SHOWING A REPLAT OF LOTS 5 AND 6, BLOCK 63, MAP OF HAILEY

WHEREIN THE COMMON LINE BETWEEN LOTS 5 AND 6 ARE VACATED, CREATING LOT 5A  
LOCATED WITHIN

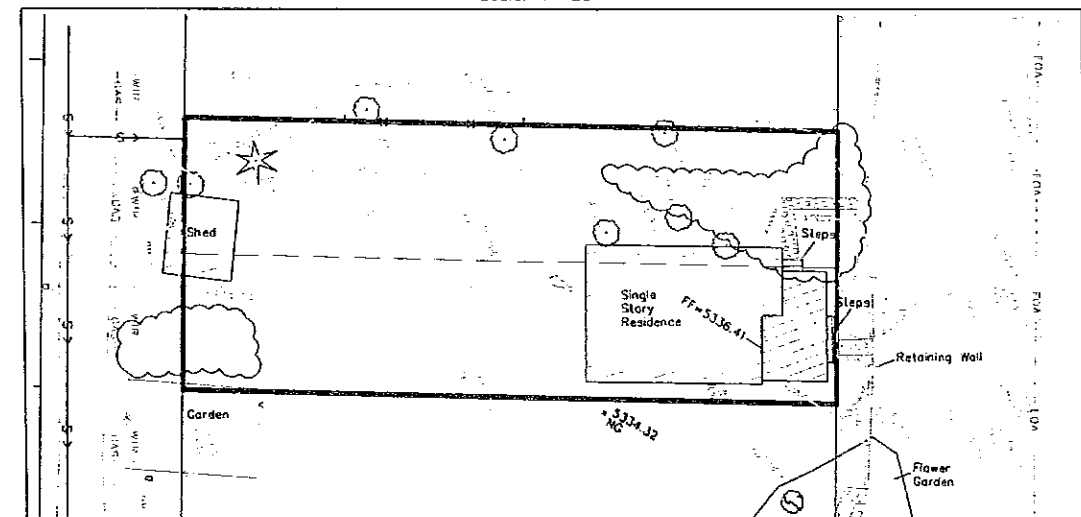
N1/2 SECTION 9, T.2 N., R.18 E., B.M., CITY OF HAILEY, BLAINE COUNTY, IDAHO

MARCH 2009



Blaine County G.I.S.  
Control: "2N18E9N1/4"  
C.P.F. #

ENLARGED VIEW of LOT 5A  
Scale: 1"=20'



**NOTES**

1. A current title policy was not provided by the client. There may be recorded instruments which could affect the use of this property.
2. Lots 5 and 6, Block 63, as shown hereon are zoned General Residential (GR) based on current City of Hailey zoning map.
3. The contours as shown hereon are based on elevation 5334.48' (N.A.V.D 88/Gaoid99) on found aluminum cap at the centerline intersection of Spruce Street and 2nd Avenue right-of-ways. The contour interval is 1 foot.
4. Lots 1-22, Block 63 and the centerline right-of-ways: Myrtle St., Spruce St., 1st Avenue and 2nd Avenue, as shown hereon, are based on the Map of Hailey, compiled by the Bureau of Highways, dated 1936 and on file in the Blaine County Clerk and Recorder's Office.
5. The original topography as shown hereon is based on a survey conducted May 2005. A field survey was conducted in February 2009 in an attempt to reverify the original topography, however it should be noted that a substantial amount of snow cover existed during the time of the 2009 survey.
6. The underground water, sewer and gas lines as shown hereon in the alley are based on previous topographic data and their positions are approximate.

Blaine County  
G.I.S. Control:  
"Silver-4TH"

**LEGEND**

	Property Line		Found 1/2" diameter rebar with cap: LS 6522
	Existing Lot Line		Denotes Record distance
	Adjoiner's Lot Line		Found aluminum cap in road surface
	Centerline		Found Brass Cap
	Edge of Asphalt		
	Edge of Gravel		
	5' Contour		
	1' Contour		
	Overhead Power		
	Irrigation		
	Fence		
	Edge of Pond		
	Dripline		
	Edge of Flower Garden		
	Building		
	Deck		
	Rock Path		
	Found PK in Top of Fence		
	Utility Pole		
	Water Meter		
	Frost Free Hydrant		
	Gas Meter		
	Deciduous Tree (with diameter in inches)		
	Bush		
	Railroad Tie Retaining Wall		
	Sprinkler		
	Irrigation Box		
	Natural Ground		
	Finished Floor		
	TOE OF SLOPE		
	Set 5/8" x 30" rebar with 1.5" aluminum cap: P.L.S. 13004		

HEALTH CERTIFICATE: Sanitary restrictions as required by Idaho Code Title 50, Ch. 13, have been satisfied. Sanitary restrictions may be reimposed in accordance with Idaho Code Title 50, Ch. 13, Sec. 50-1326, by issuance of a Certificate of disapproval.

Date \_\_\_\_\_ South Central Public Health District Dept., EHS

REPLAT LOTS 5 AND 6,  
BLOCK 63, MAP OF HAILEY  
GALENA ENGINEERING, INC.  
KETCHUM, IDAHO  
SHEET 1 OF 2