

NORTH
PERSPECTIVE VIEWS

NO SCALE

WEST



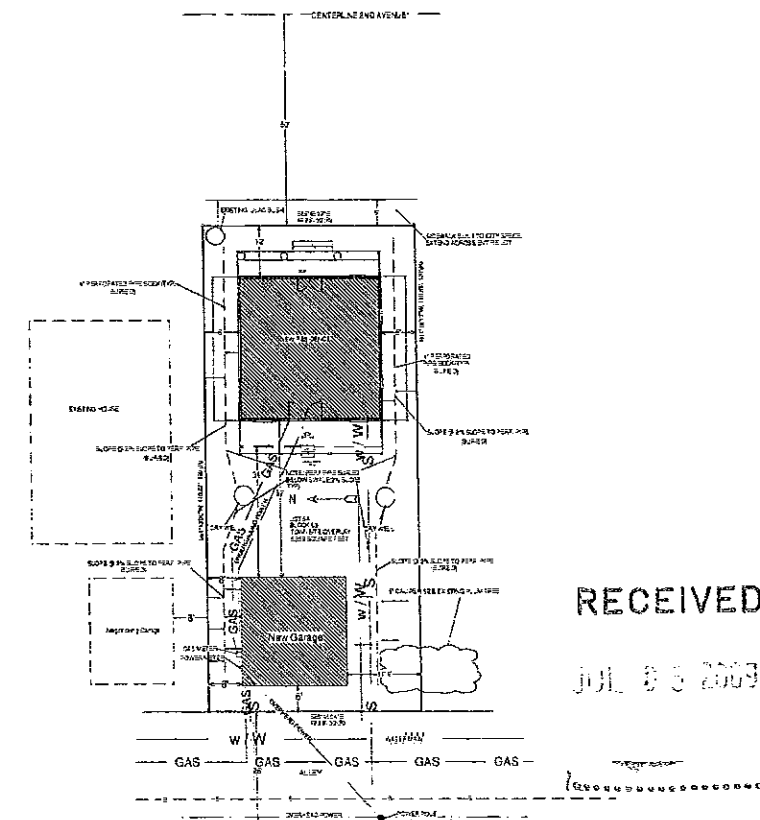
SOUTH

EAST

Project



VICINITY MAP
NO SCALE



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SITE PLAN /DRAINAGE PLAN

SCALE: 1"=20'

NOTE: SEE SHEET A4 FOR
ENLARGED SITE PLAN

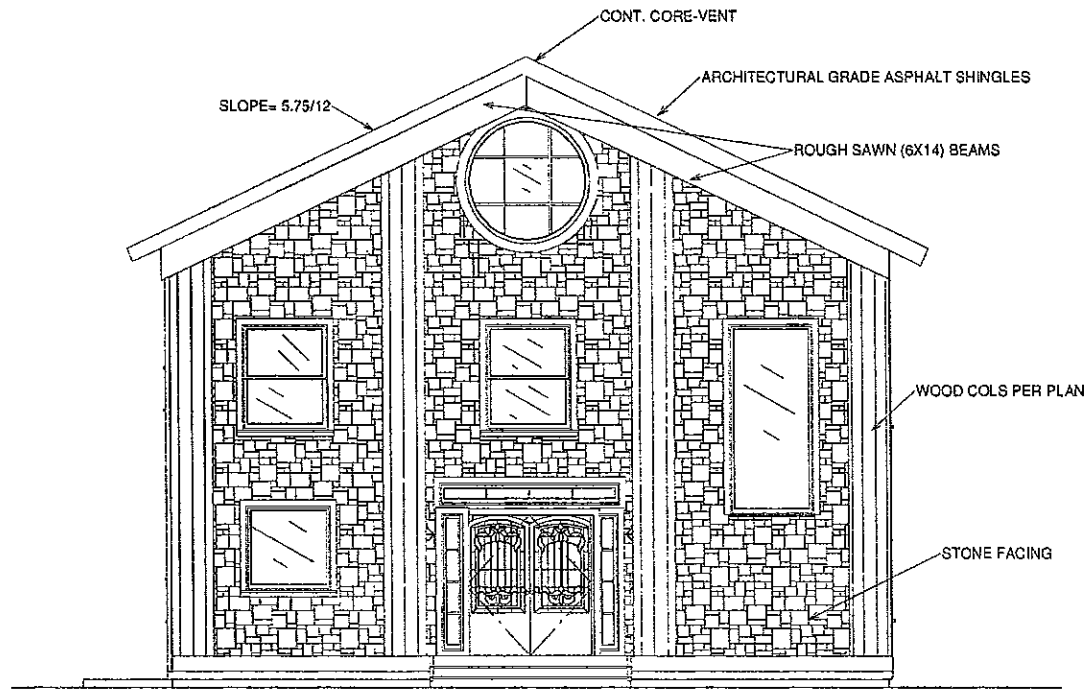
MACDONALD RESIDENCE

515 Second Avenue North Halley, Idaho

SITE PLAN, VICINITY MAP
& PERSPECTIVE VIEWS

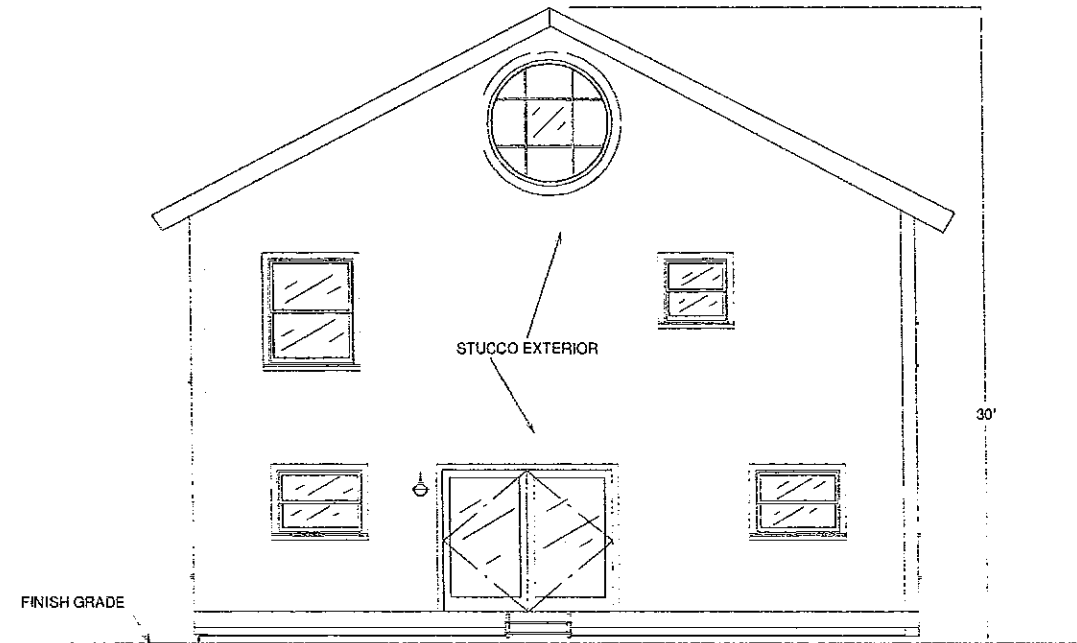
WALKER DESIGN
walkerdesignshop.com
(208) 768-5992
Date Drawn: 4/18/09
Scale: as shown

Revisions	sheet
	A1



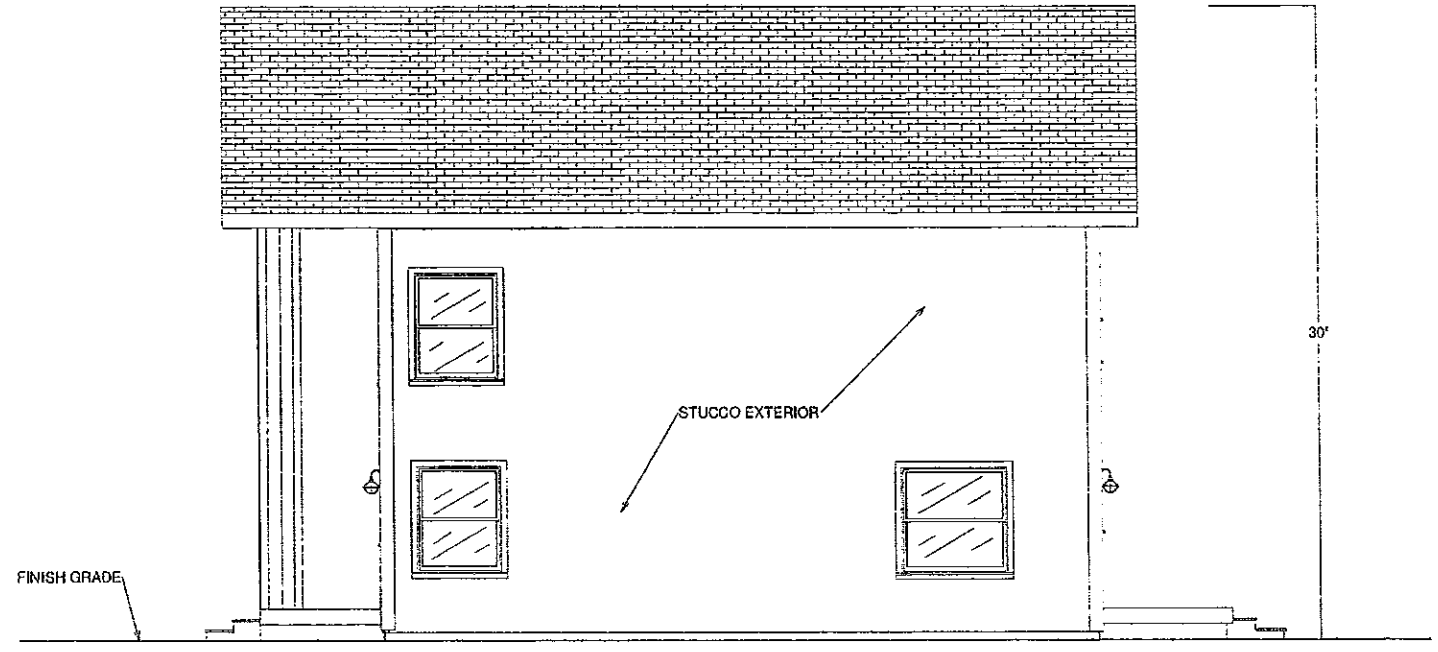
EAST ELEVATION

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



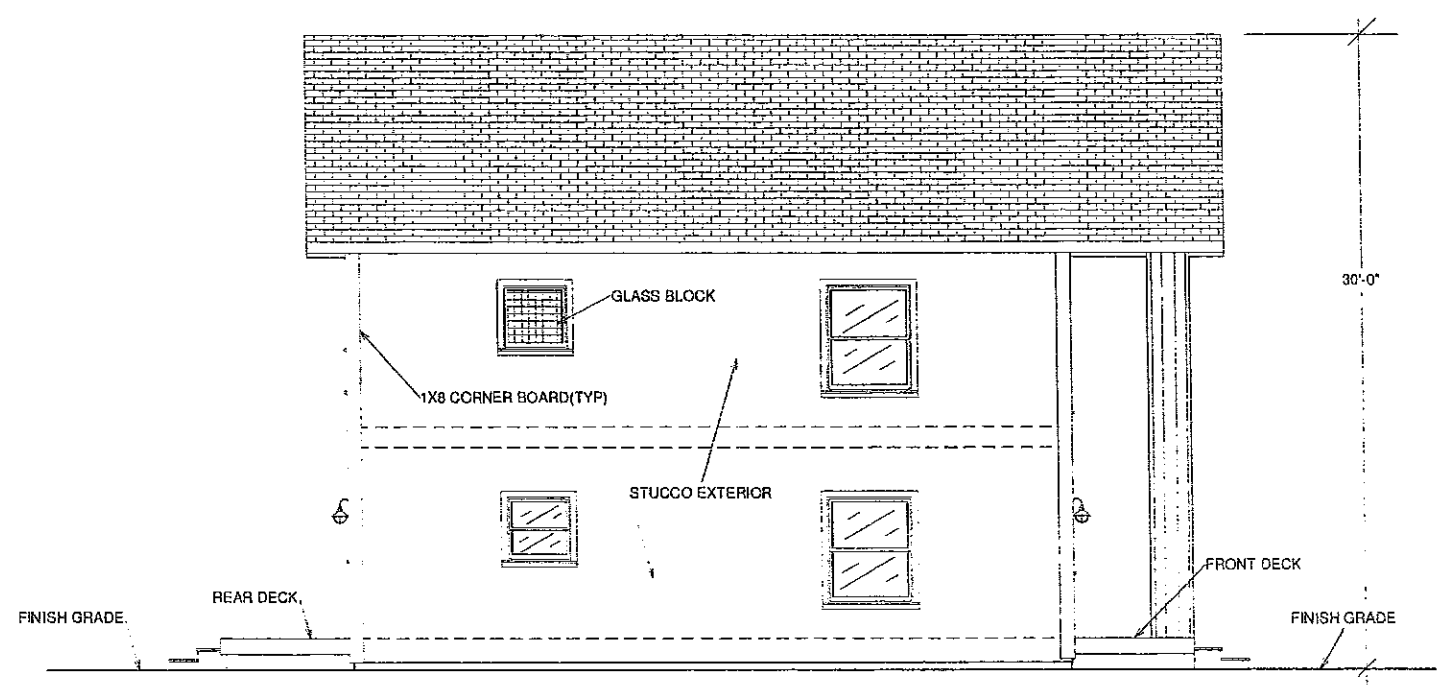
WEST ELEVATION

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



NORTH ELEVATION

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

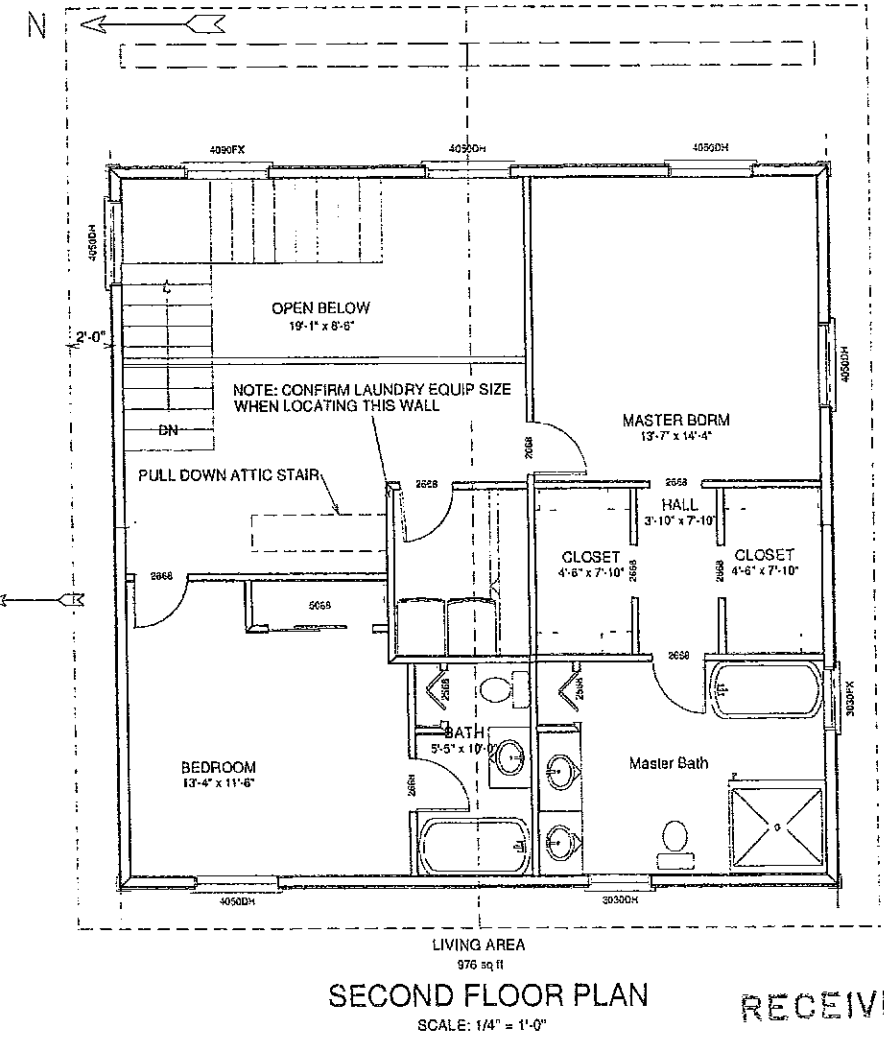
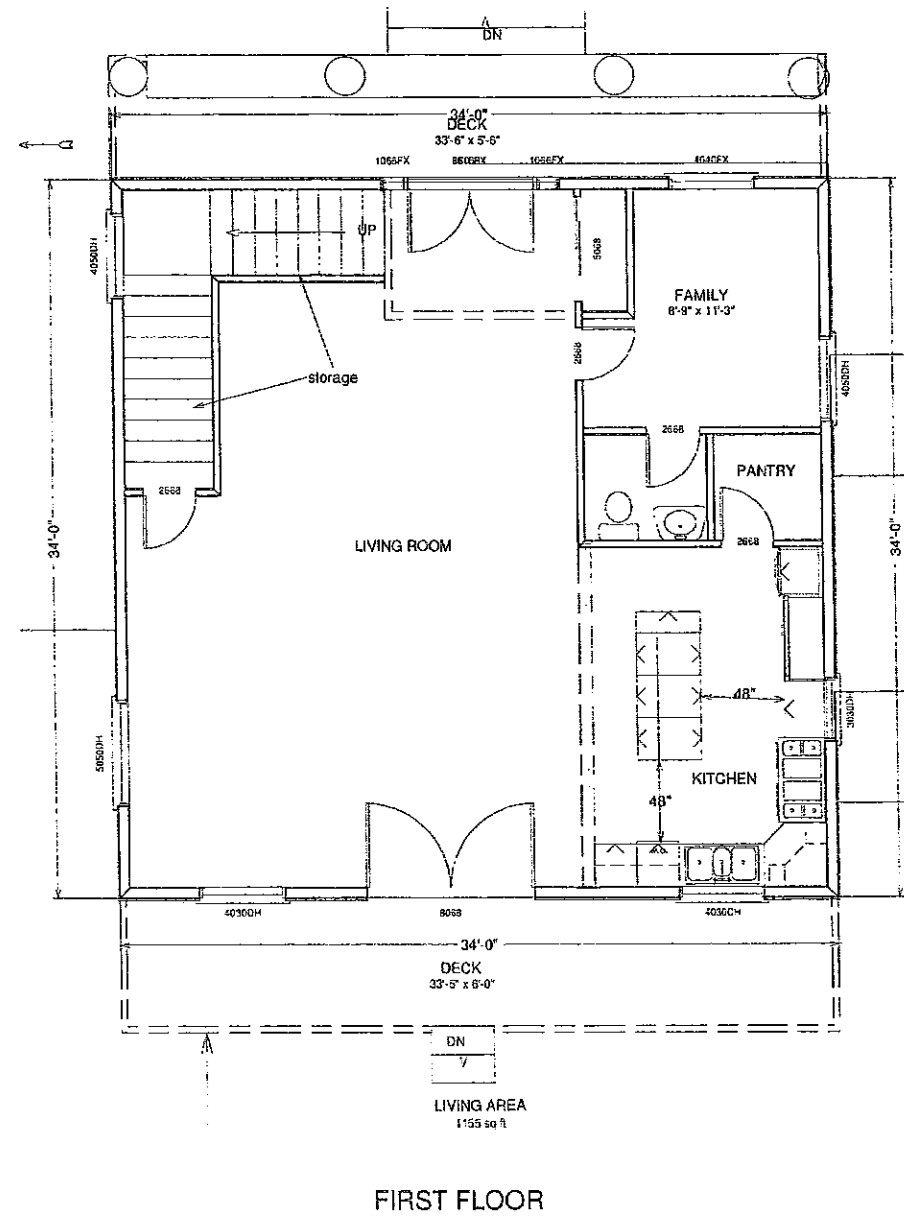
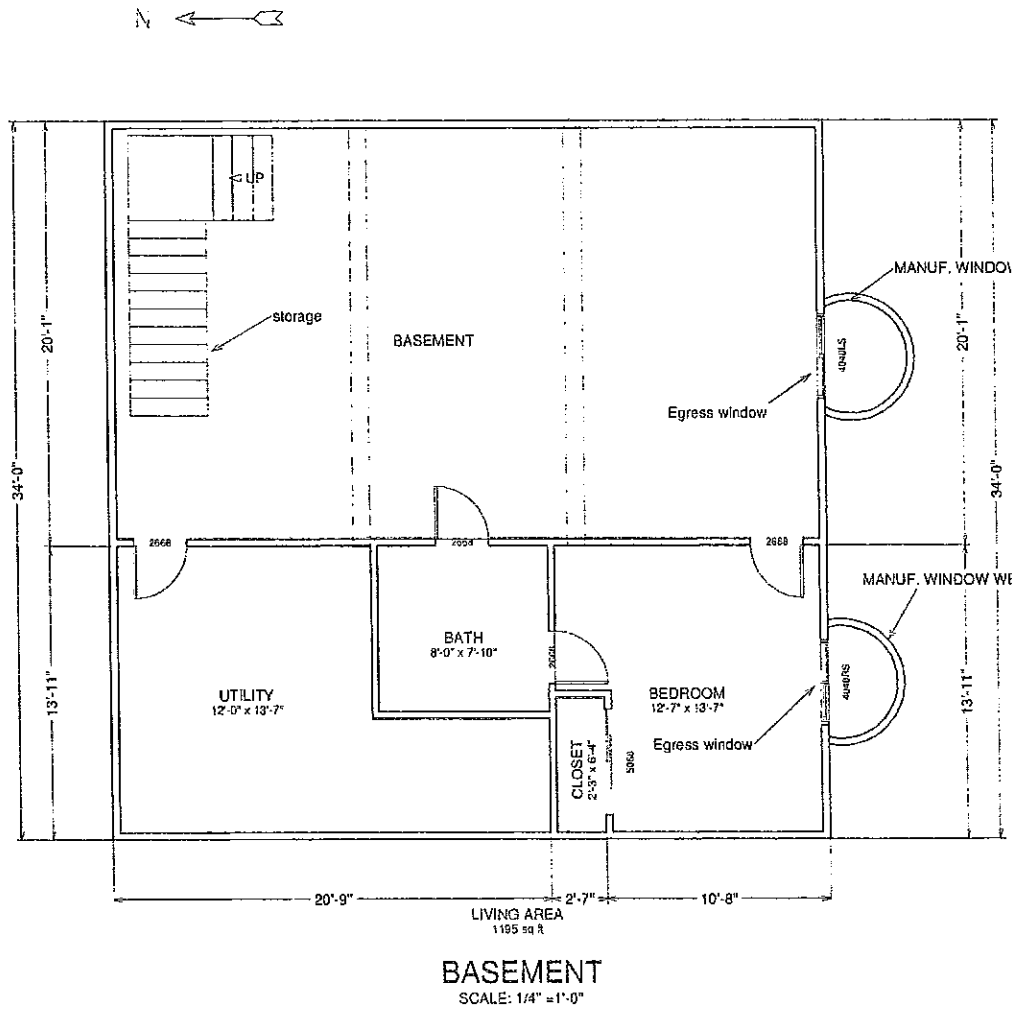


SOUTH ELEVATION

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

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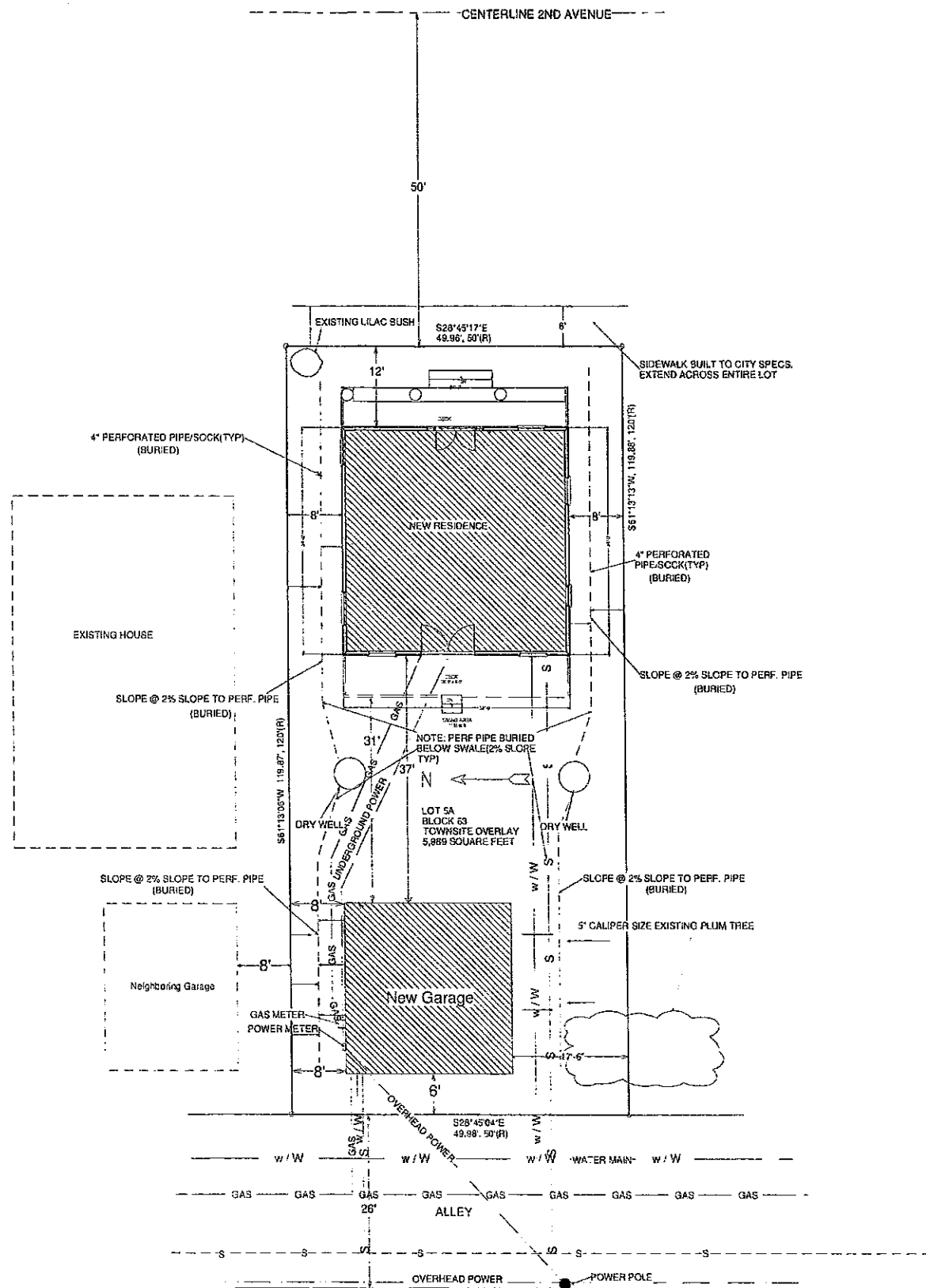
MACDONALD RESIDENCE		WALKER DESIGN walkerdesignshop.com (208) 788-5962 Date Drawn: 4/16/09 Scale: as shown	
515 Second Avenue North Hailey, Idaho		Revisions	sheet A2
ELEVATIONS			



NOTE: ALL EXTERIOR DIMENSIONS ARE SAME AS BASEMENT

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FLOORPLANS			A3

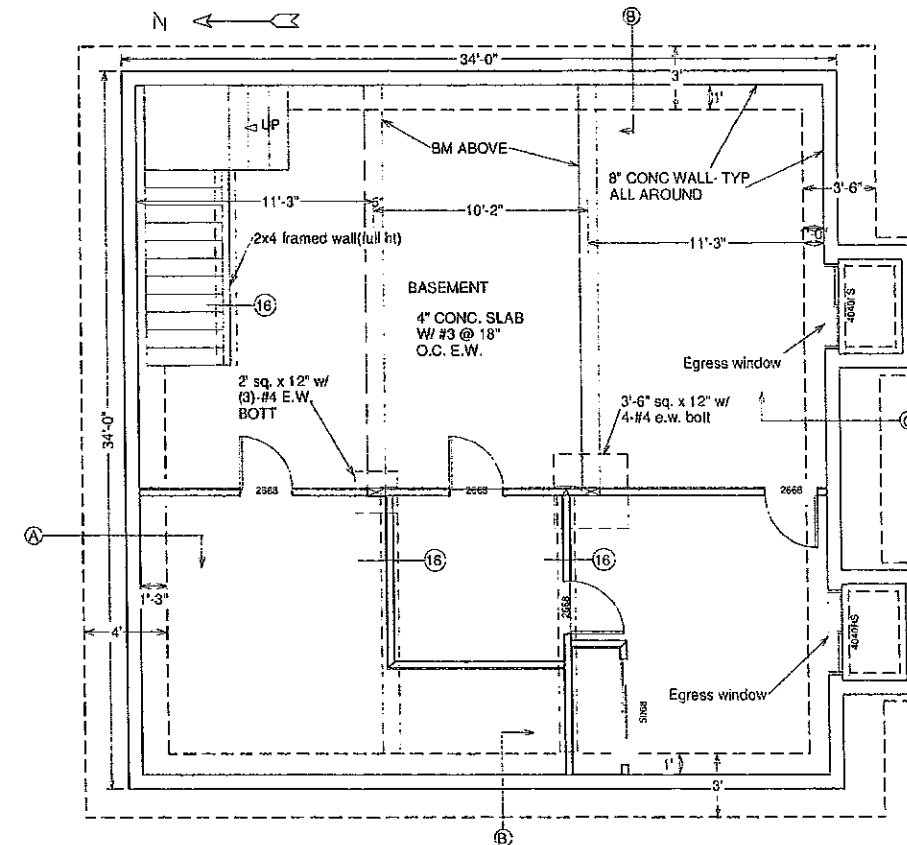
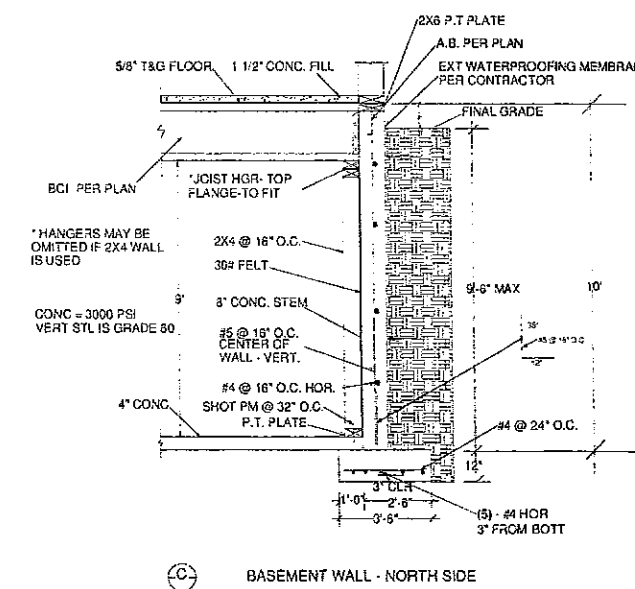
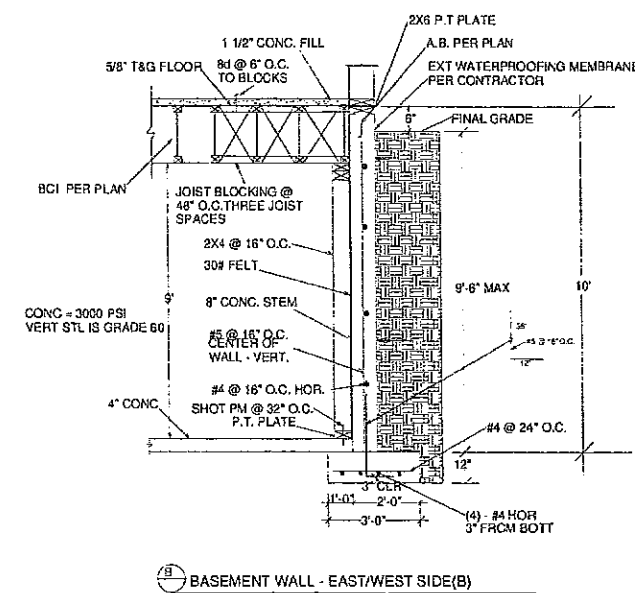
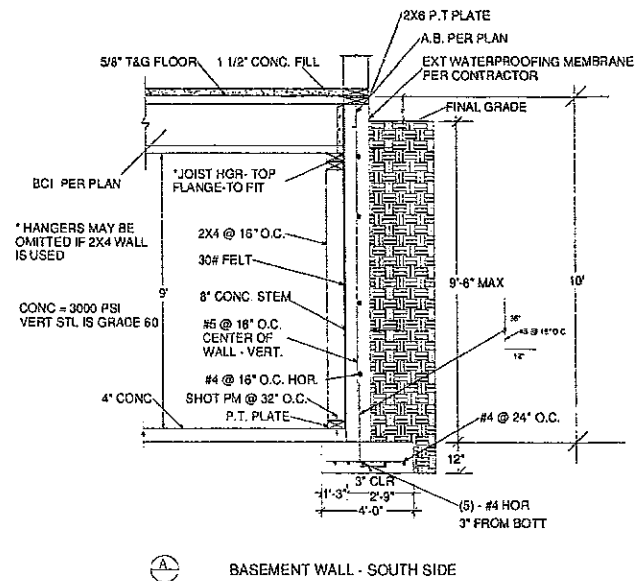


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SITE PLAN

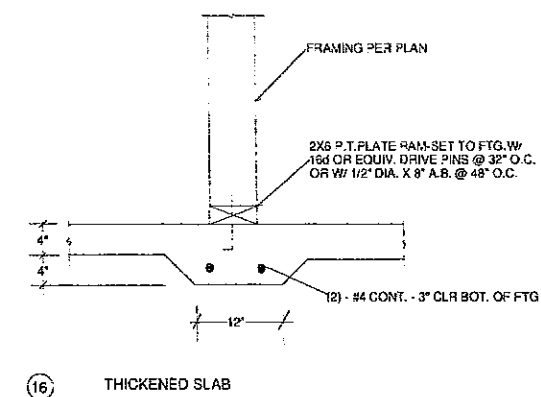
SCALE: 1" = 10'

MACDONALD RESIDENCE		WALKER DESIGN walkdesignsncop.com (208) 788-5962	
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ENLARGED SITE PLAN		Revisions	sheet A4



FOUNDATION PLAN

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

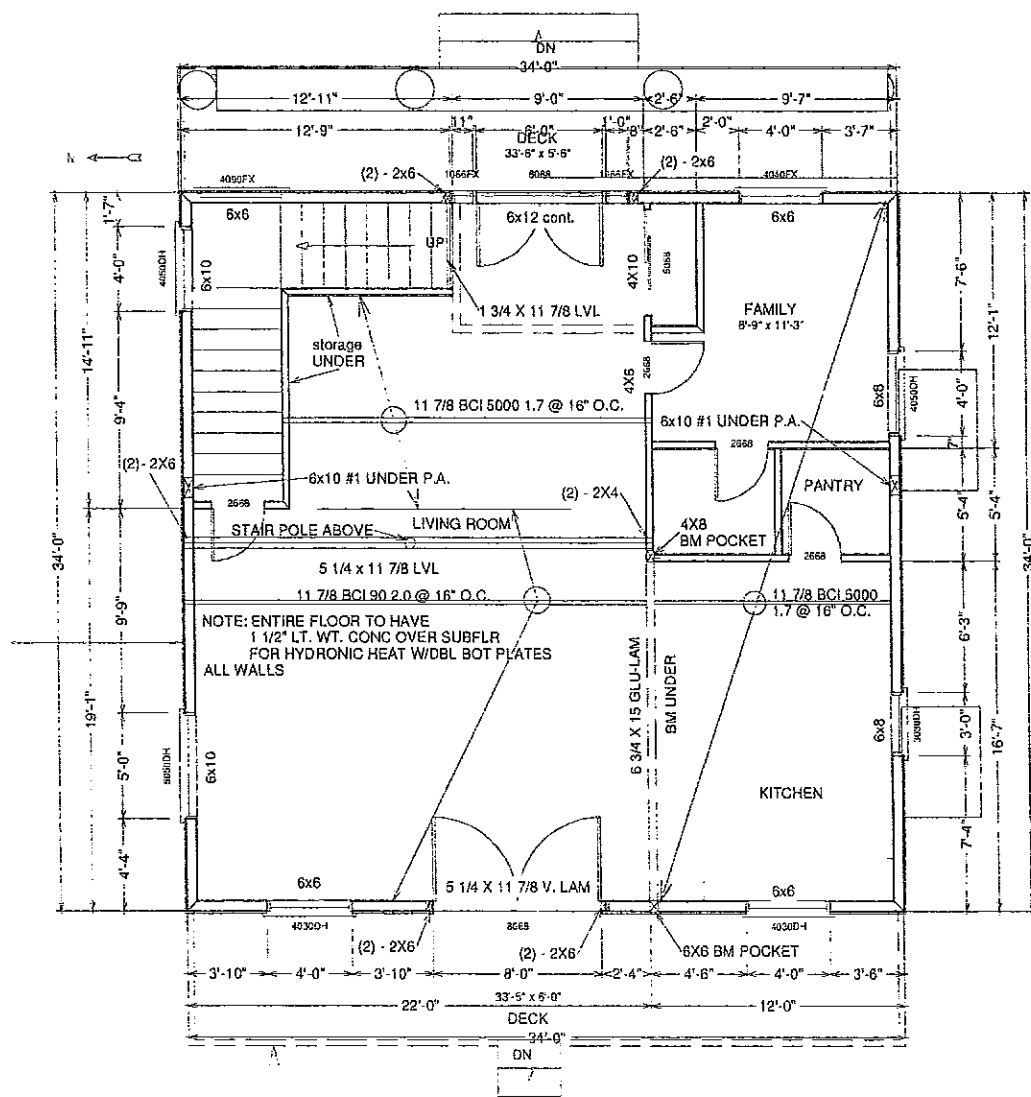


16 THICKENED SLAB

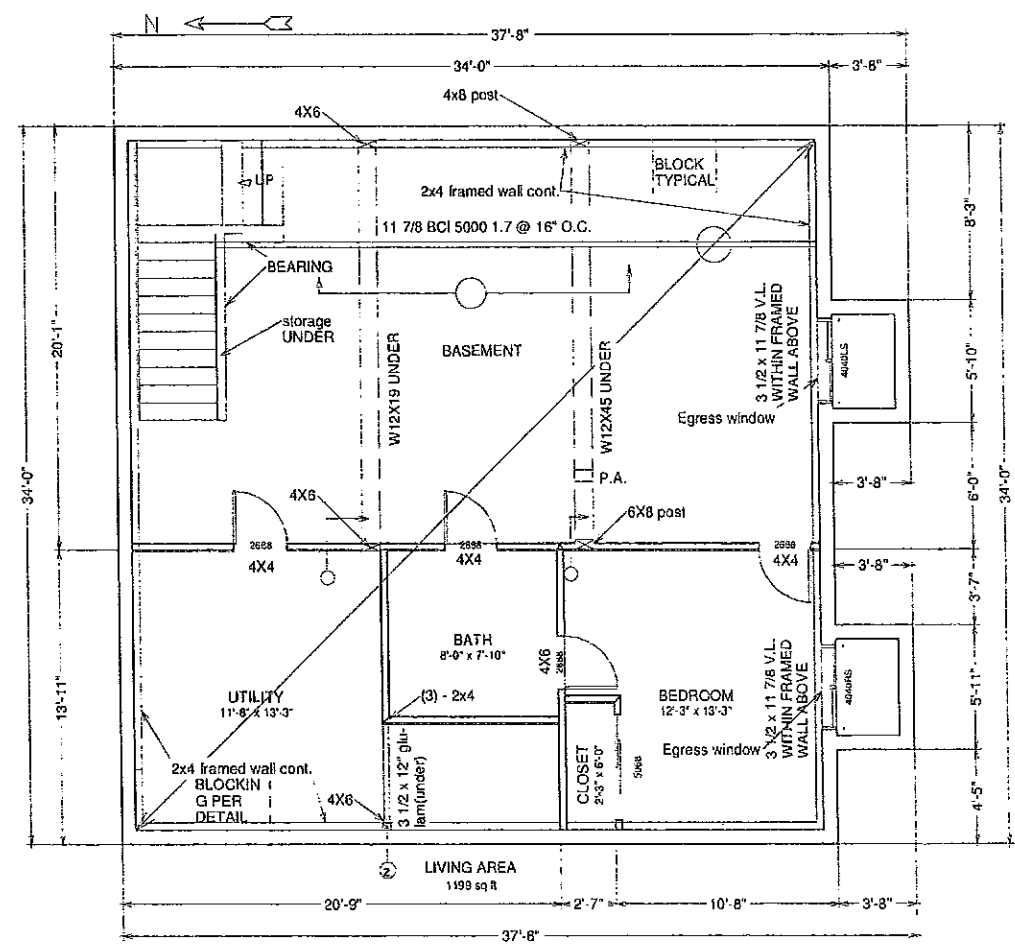
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JUL 13 2012

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FOUNDATION PLAN & STRUCTURAL DETAILS		Revisions	sheet
			S1



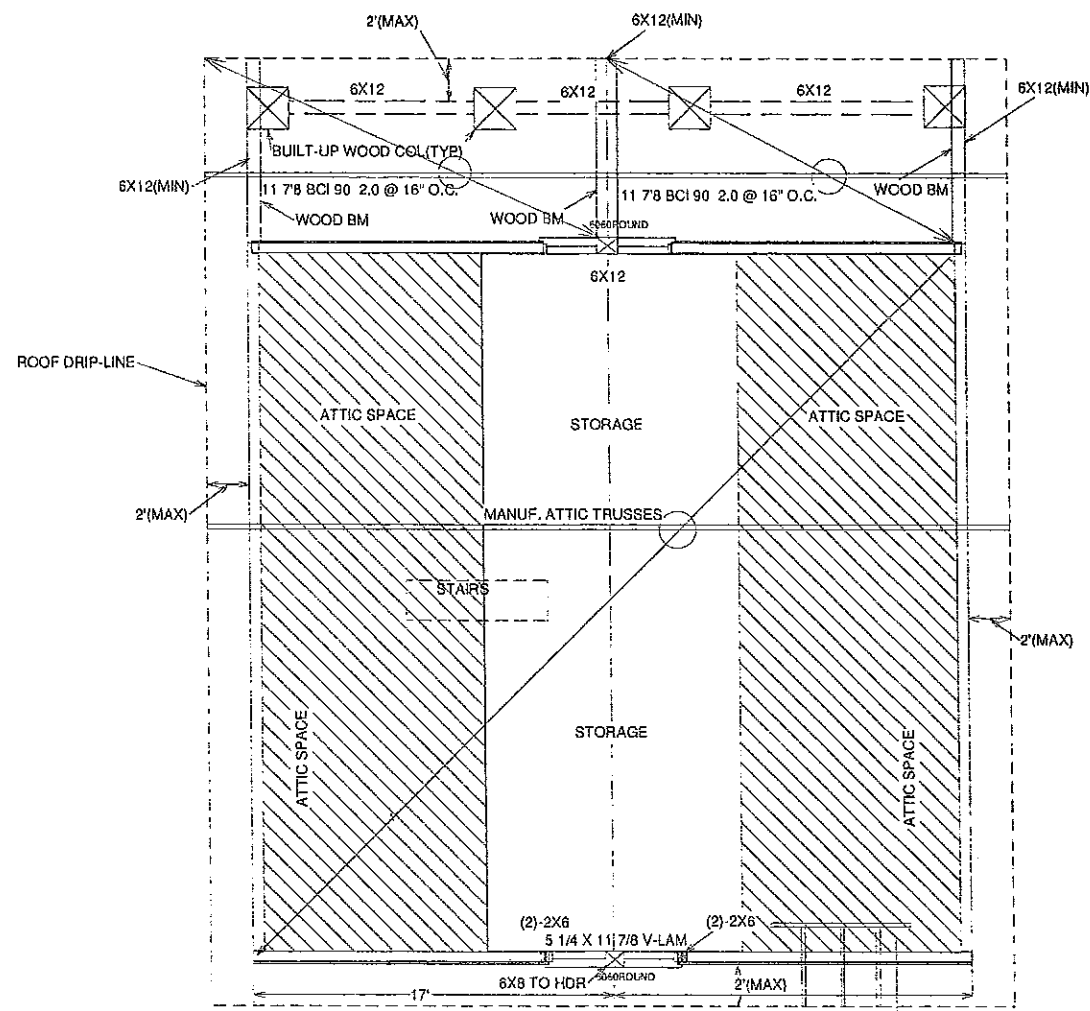
SECOND FLOOR FRAMING
SCALE: 1/4" = 1'-0"



FIRST FLOOR FRAMING
SCALE: 1/4" = 1'-0"

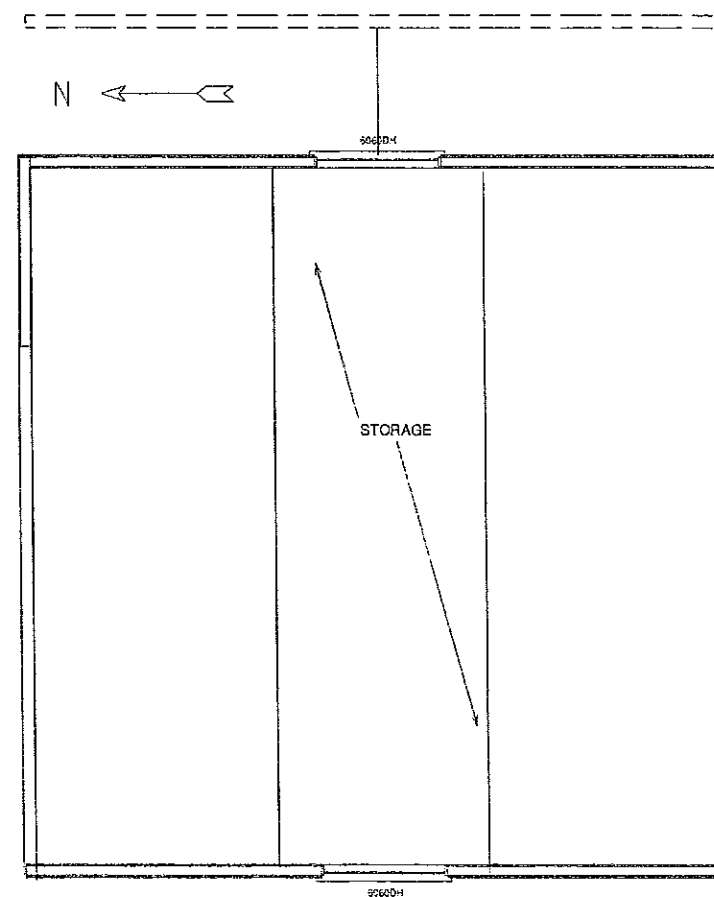
RECEIVED
JUL 11 2009

MACDONALD RESIDENCE		WALKER DESIGN walkerdesignsnp.com (208) 788-5962 Date Drawn: 4/18/09 Scale: as shown	
515 Second Avenue North Hailey, Idaho		Revisions	sheet
FIRST & SECOND FLOOR FRAMING			S2



ATTIC & ROOF FRAMING

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



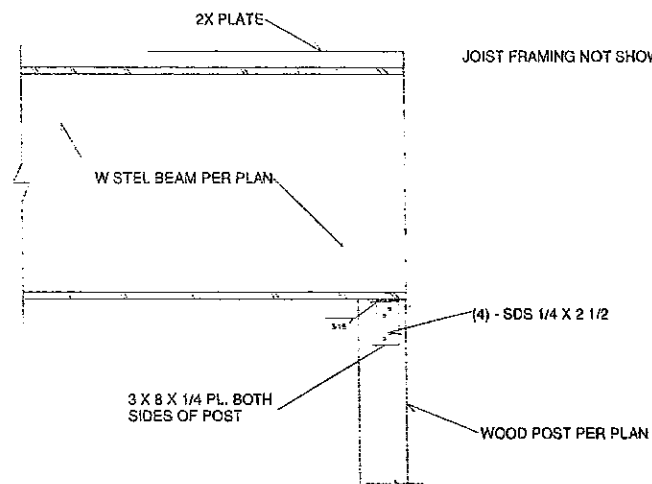
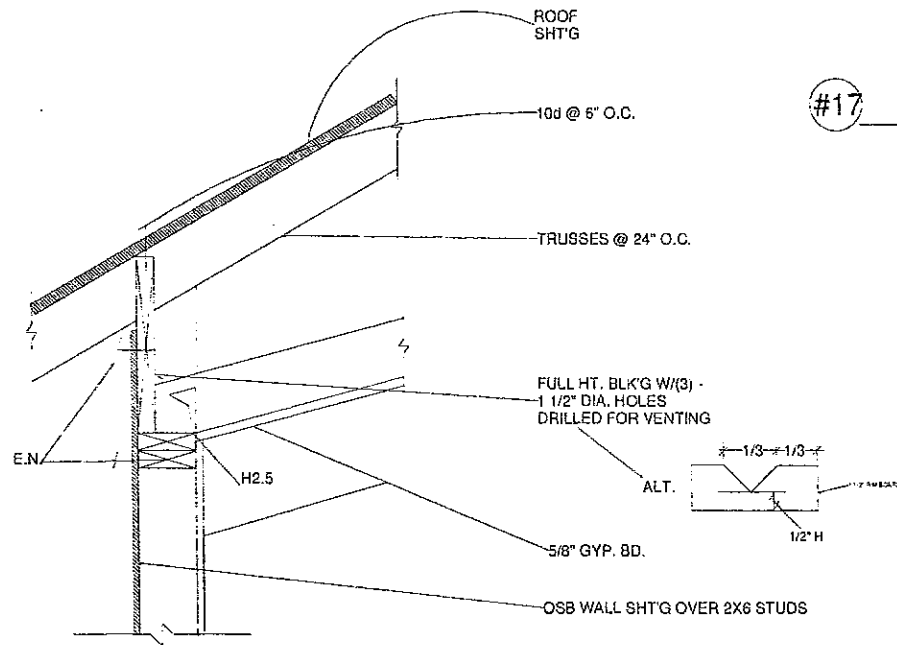
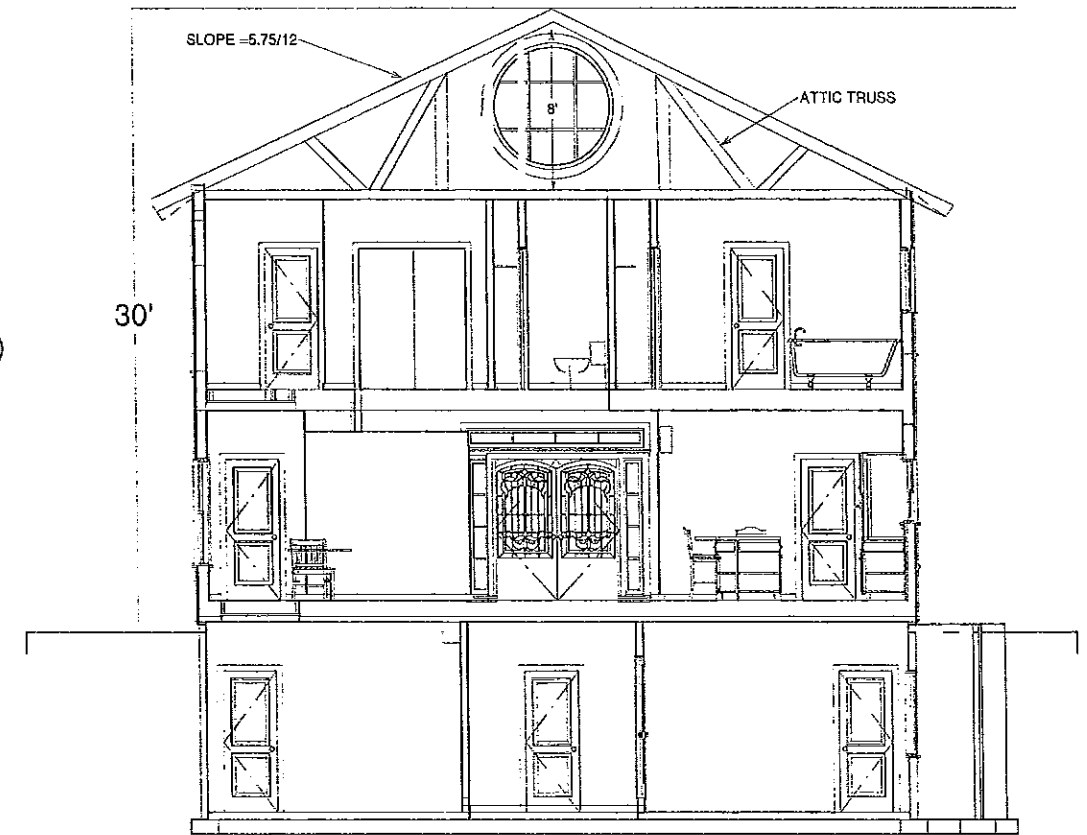
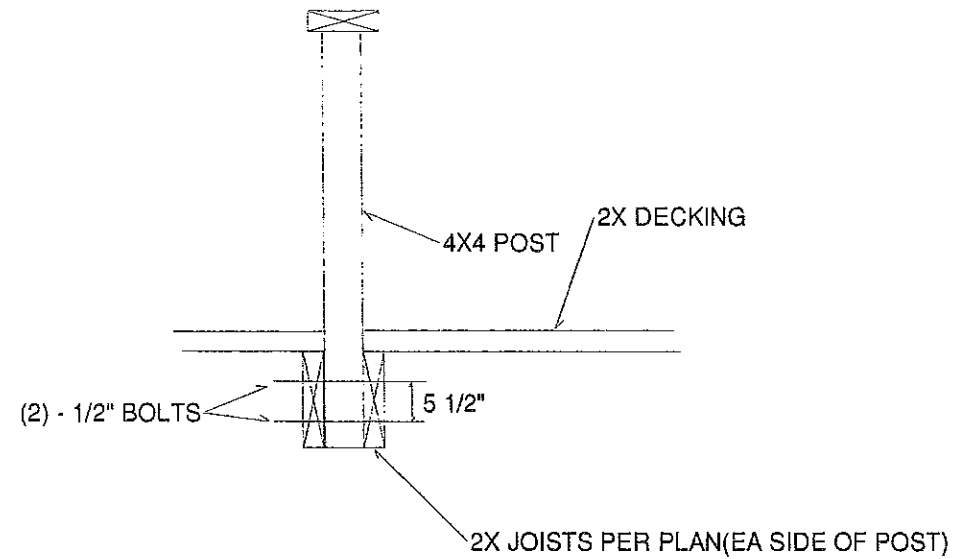
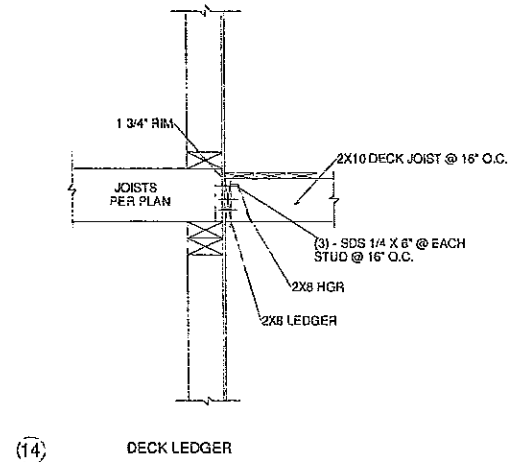
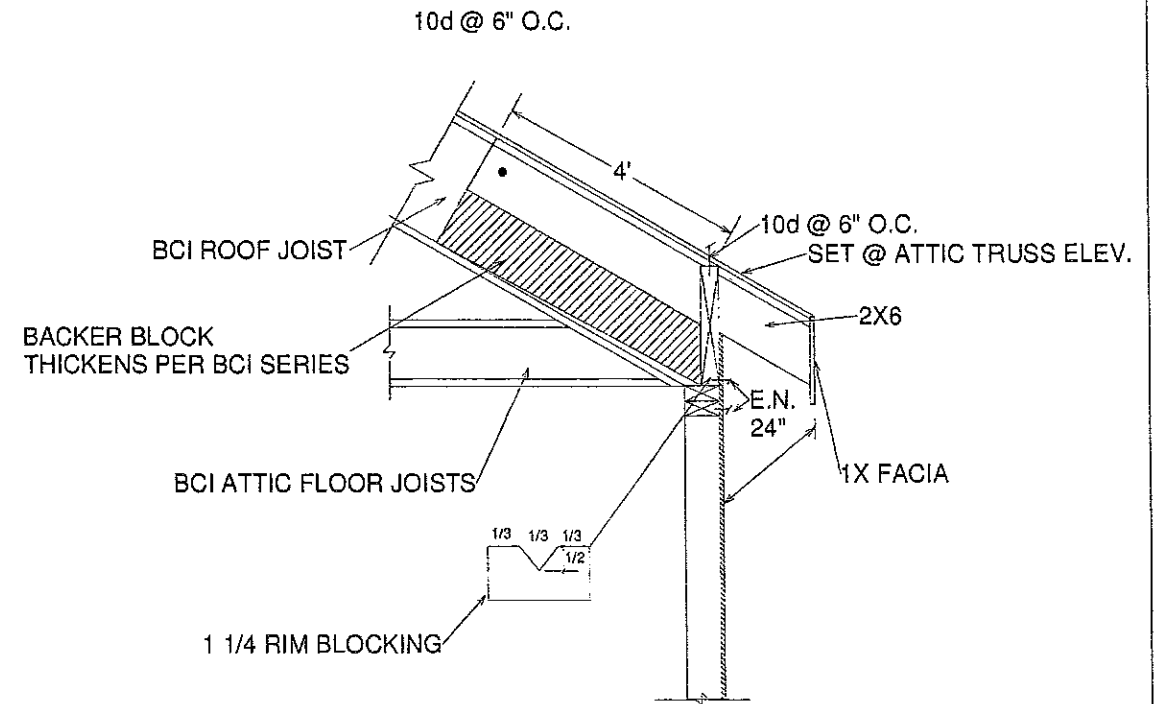
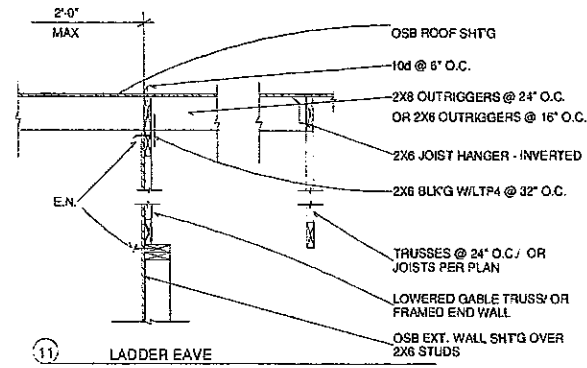
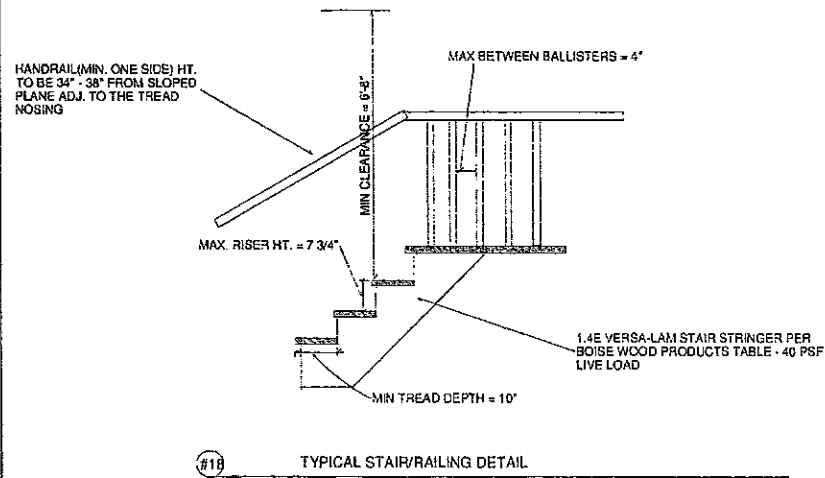
ATTIC FLOOR PLAN

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

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APR 15 2009

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



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

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515 Second Avenue North		Halley, Idaho	
Date Drawn: 4/16/09		Scale: as shown	
STRUCTURAL DETAILS		Revisions	Sheet
			S4

***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 $P_g = P_g = \frac{P_s C_e C_d}{150}$
 DEAD LOAD $P_d = 10 \text{ PSF}$
 LIVE LOAD $P_l = 10 \text{ PSF}$

FLOOR LIVE LOAD $P_l = 10 \text{ PSF}$
 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:
 $S_{ds} = 0.2 \text{ g}$ $S_{d1} = 0.1 \text{ g}$ $S_{d2} = 0.1 \text{ g}$ $S_{d3} = 0.1 \text{ g}$
 $S_{d4} = 0.1 \text{ g}$ $S_{d5} = 0.1 \text{ g}$ $S_{d6} = 0.1 \text{ g}$ $S_{d7} = 0.1 \text{ g}$

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, OIL 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 A695, 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 18-168T. 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 D.F. UTILITY GRADE (PRESSURE TREATED). ALL OTHER 2X AND 4X LUMBER
 SHALL BE D.F. KILN DRIED. ALL 6X AND LARGER TIMBERS SHALL BE D.F.#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/MOILLAN.
 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/MOILLAN 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:

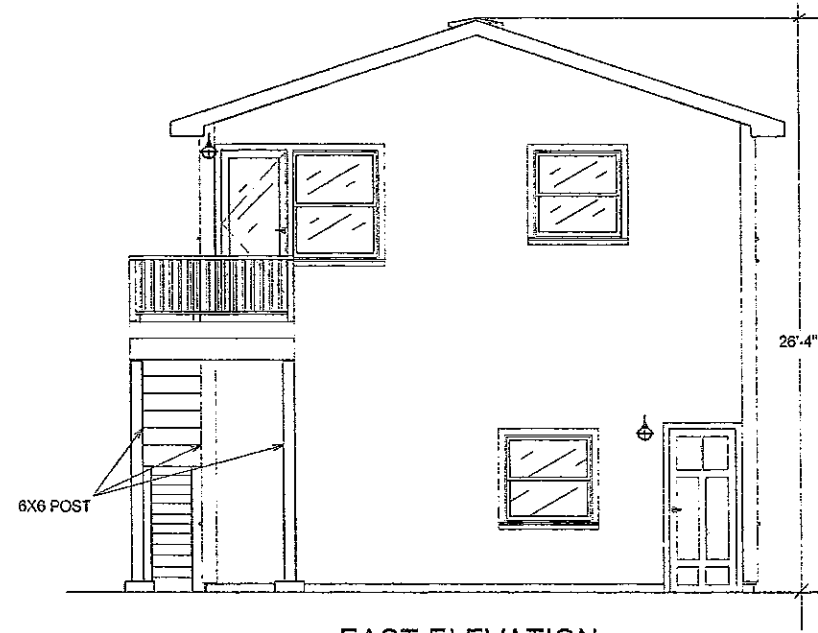
- MINIMUM STRESS IN BENDING (Fb).....550-PSI
- MINIMUM SHEAR STRESS.....85-PSI
- MINIMUM MODULUS (MOE).....900-PSI

***JOB SITE SAFETY**

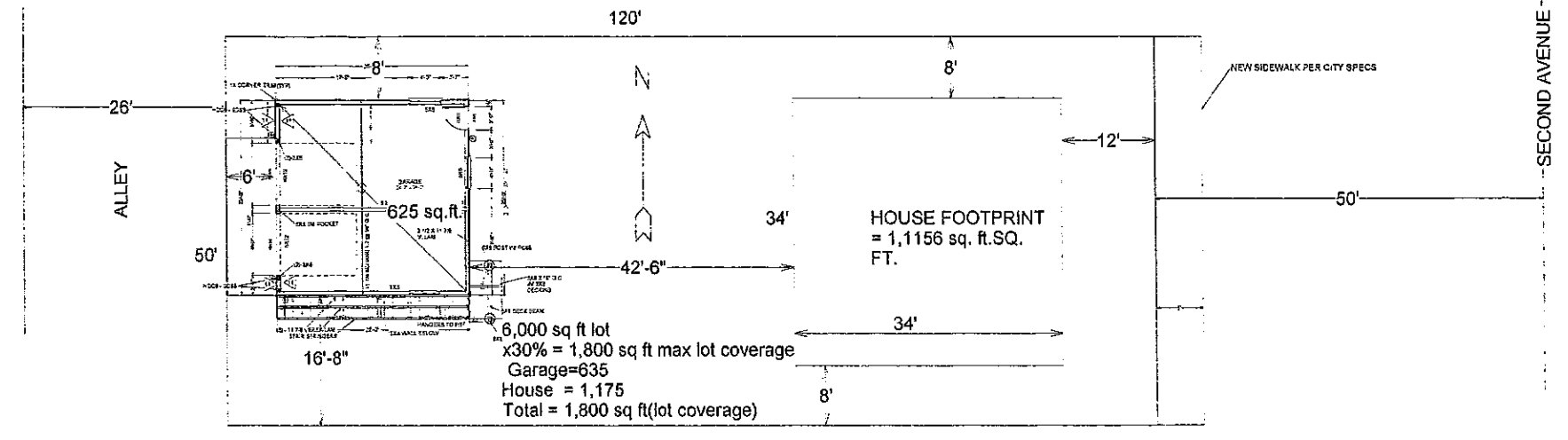
THE ENGINEER HAS NOT BEEN RETAINED OR COMPENSATED TO PROVIDE DESIGN
 AND/OR CONSTRUCTION REVIEW SERVICES RELATED TO THE CONTRACTOR'S SAFETY
 PRECAUTIONS OR TO MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES
 FOR THE CONTRACTOR TO PERFORM HIS WORK. THE UNDERTAKING OF PERIODIC
 SITE VISITS BY THE ENGINEER 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

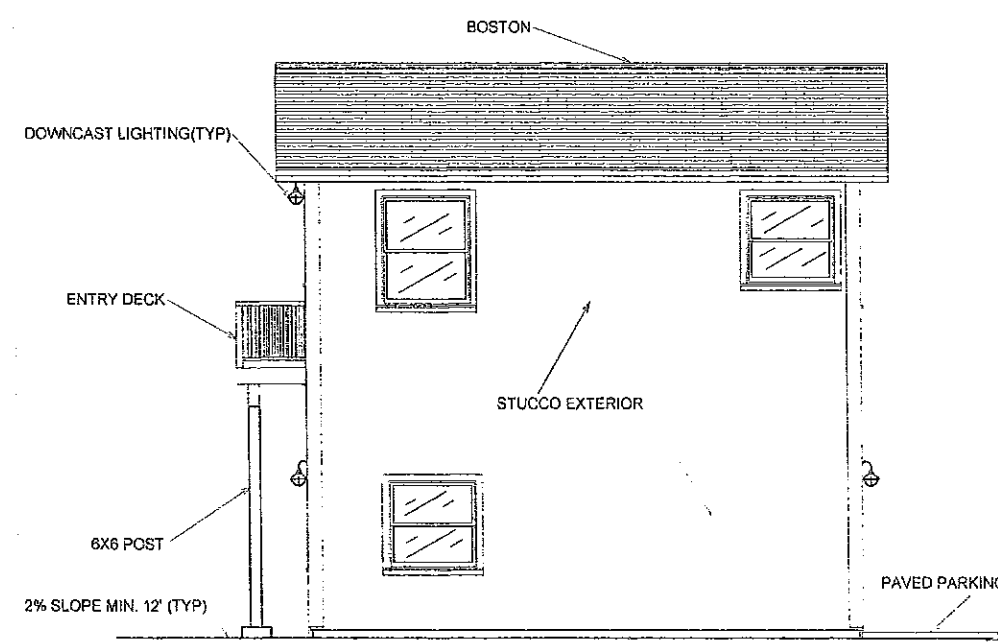
MACDONALD RESIDENCE		WALKER DESIGN walkerdesignshop.com (208) 788-5552 Date Drawn: 4/18/09 Scale: as shown	
515 Second Avenue North		Halley, Idaho	
STRUCTURAL NOTES			Revisions sheet S5



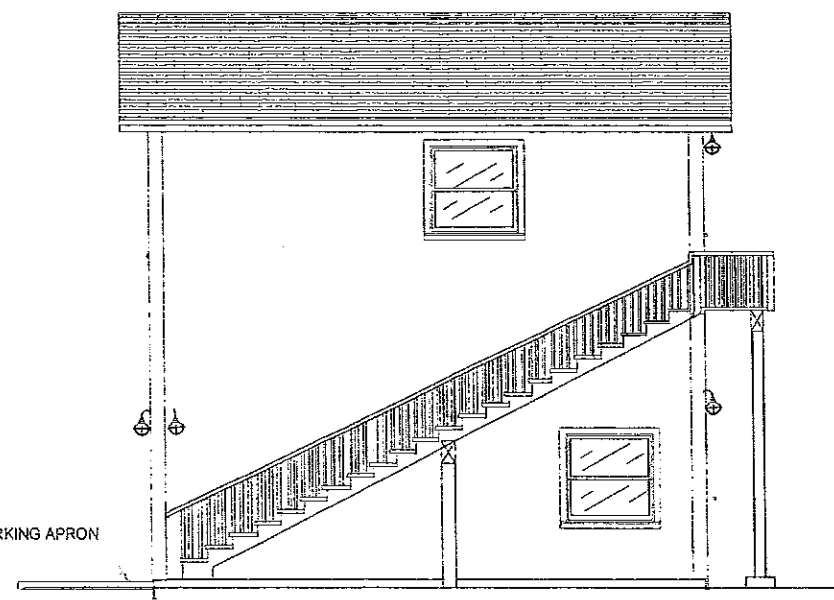
EAST ELEVATION
SCALE: 1/4" = 1'-0"



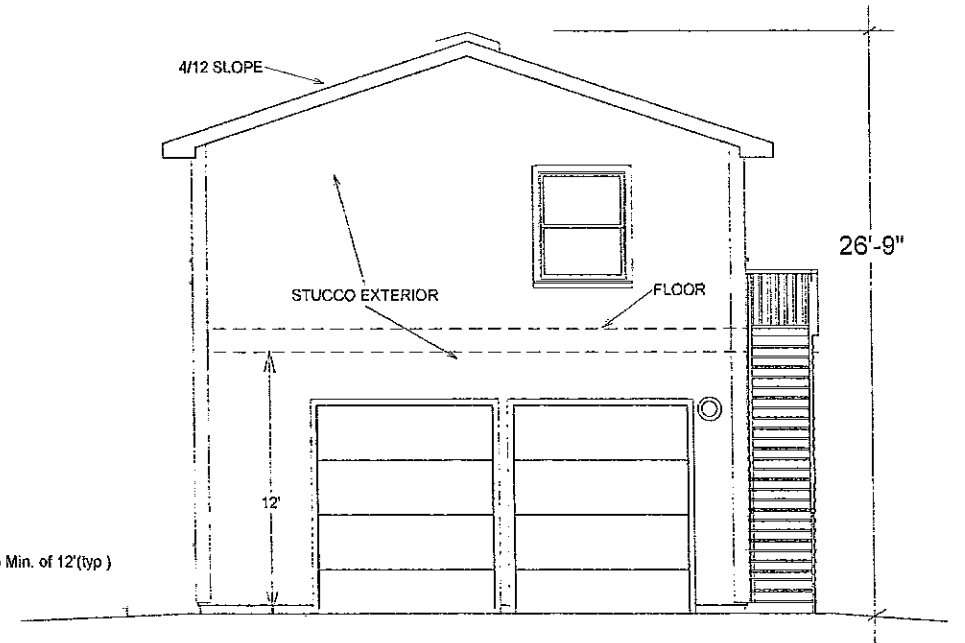
SITE PLAN
SCALE: 1" = 10'



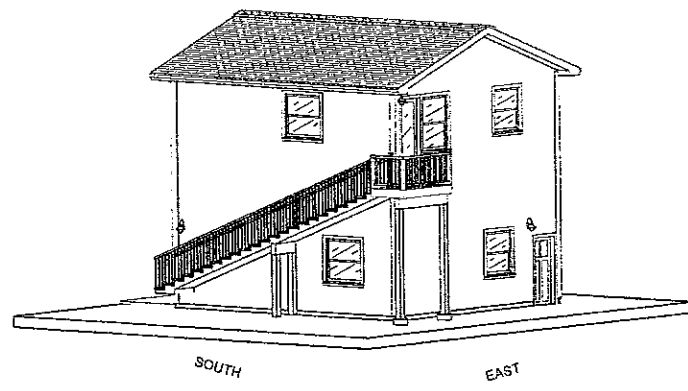
NORTH ELEVATION
SCALE: 1/4" = 1'-0"



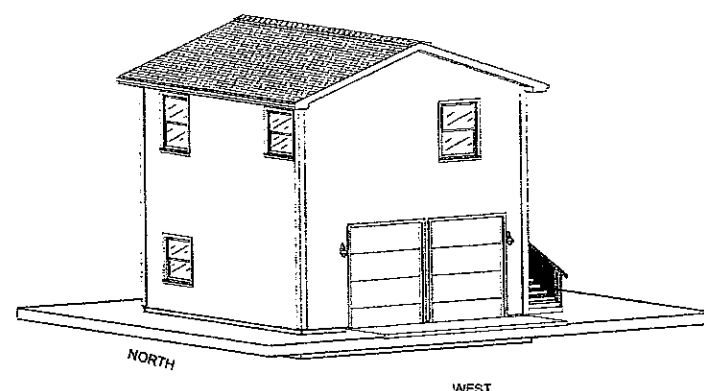
SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



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



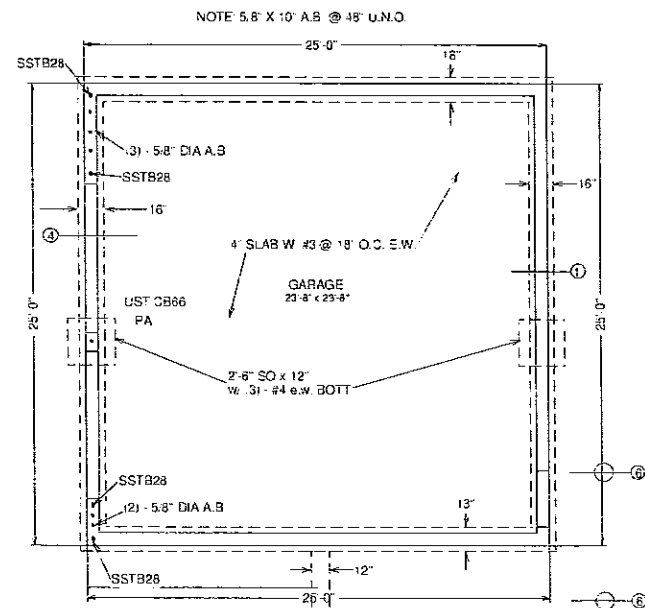
SCALE: 1/8" = 1'-0"



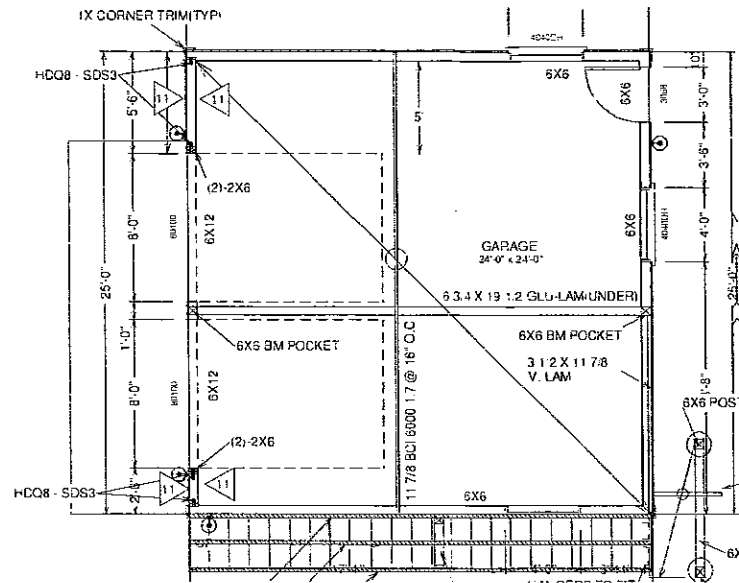
SCALE: 1/8" = 1'-0"

Handwritten signature

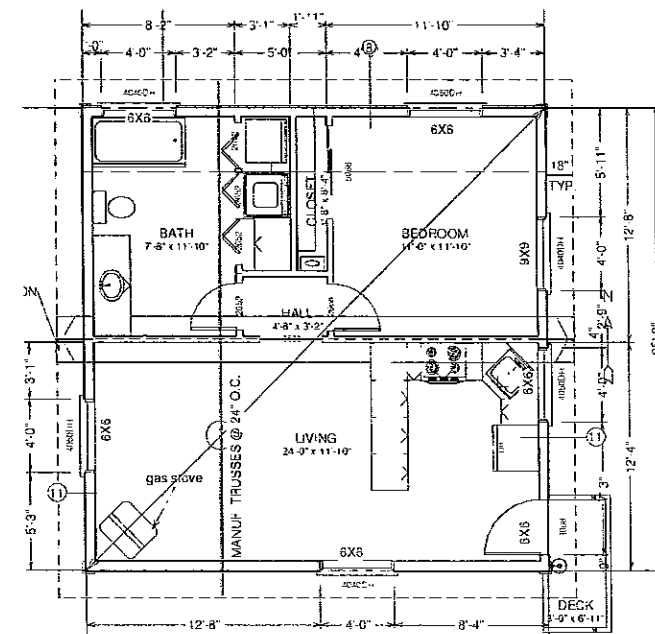
MACDONALD GARAGE		WALKER DESIGN walkerdesignshop.com (208) 788-5962 Date Drawn: 4/16/09 Scale: as shown	
515 2ND AVE. NORTH		HAILEY, IDAHO	
ELEVATIONS & PERSPECTIVE VIEWS		revisions	sheet
			G1



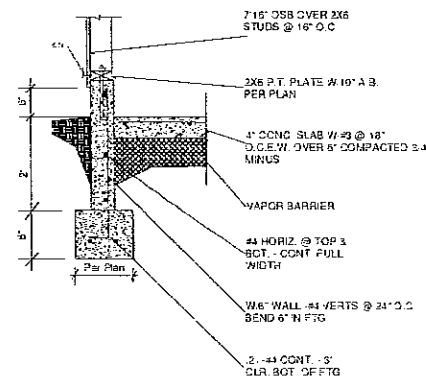
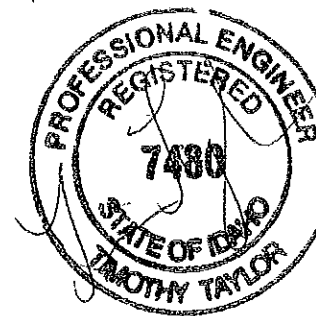
FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



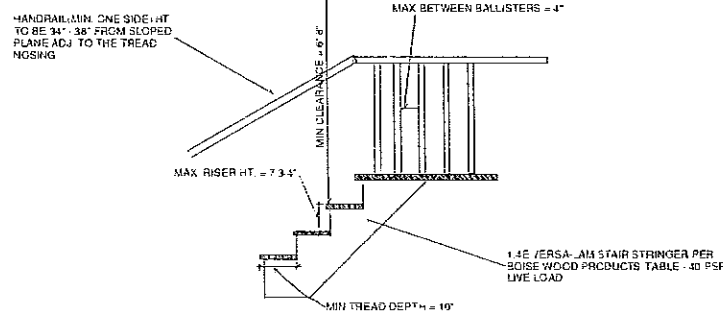
FIRST FLOORPLAN & 2ND FLOOR FRAMING
SCALE: 1/4" = 1'-0"



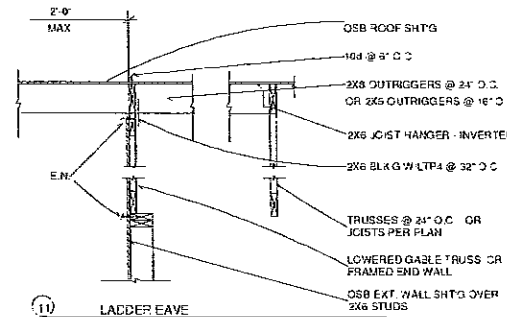
SECOND FLOORPLAN & ROOF FRAMING
SCALE: 1/4" = 1'-0"



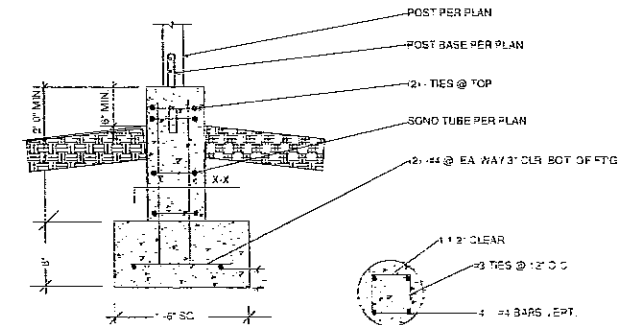
1 FTG. @ GARAGE



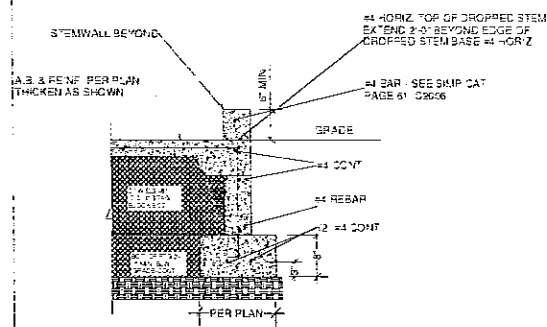
2 TYPICAL STAIR RAILING DETAIL



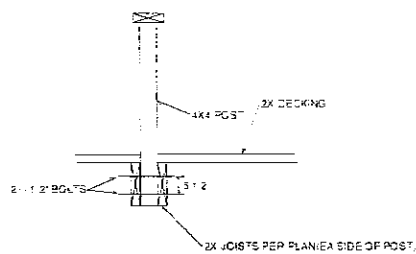
3 LADDER EAVE



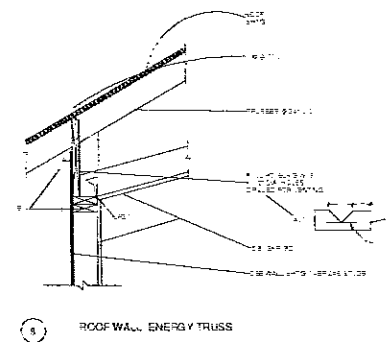
5 POST FOOTING DETAIL



4 TYPICAL GARAGE DOOR FOOTING

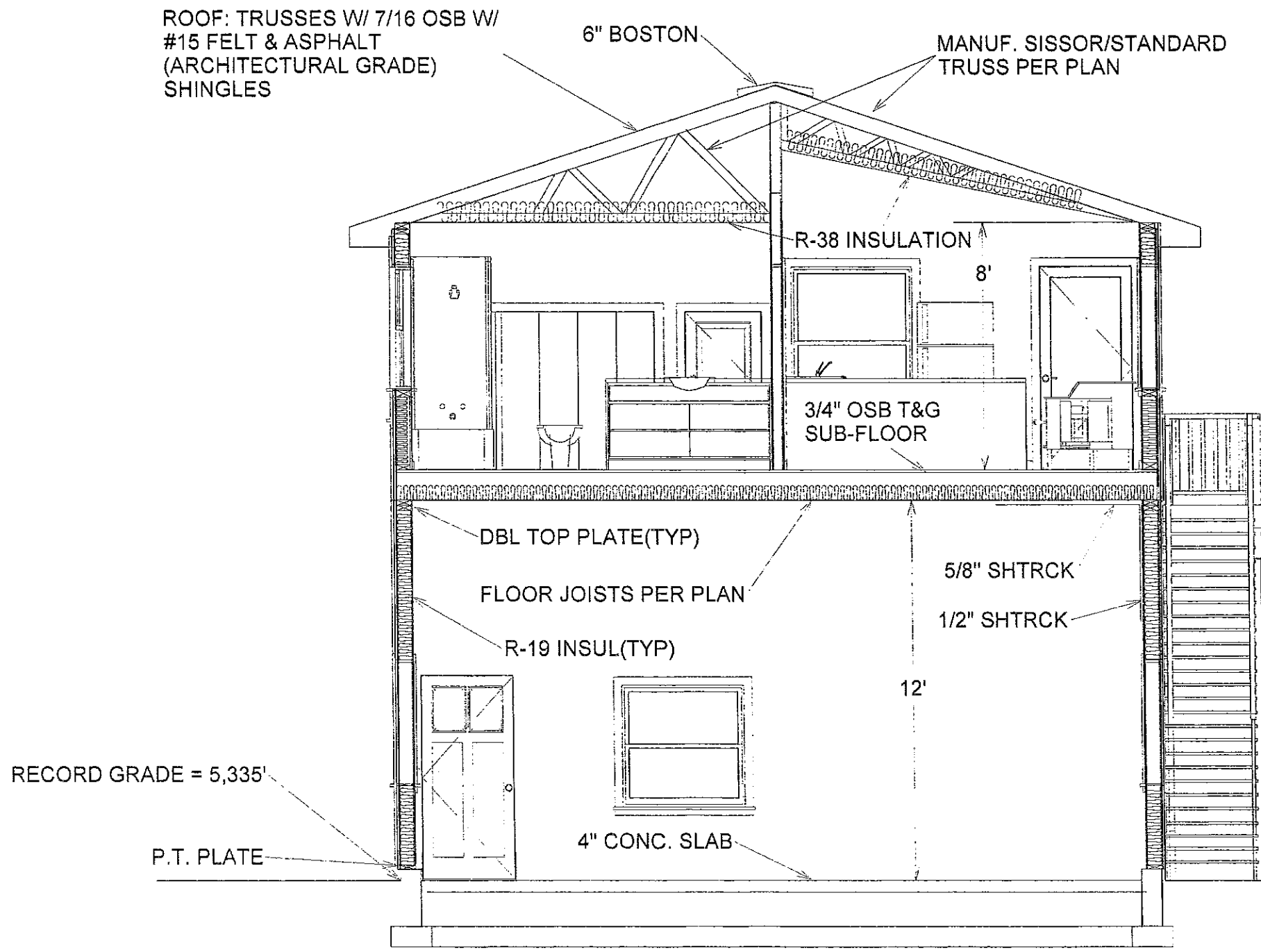


6 HANDRAIL ATTACHMENT DETAIL



8 ROOF WALL - ENERGY TRUSS

MACDONALD GARAGE		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 G2



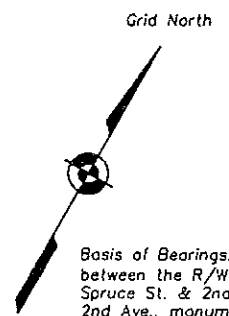
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GARAGE BUILDING SECTION

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

MACDONALD GARAGE		WALKER DESIGN walkerdesignshop.com (208) 786-5902 Date Drawn: 4/18/09 Scale: as shown	
515 2ND AVE. NORTH	HAILEY, IDAHO	revisions	sheet
GARAGE SECTION			G3

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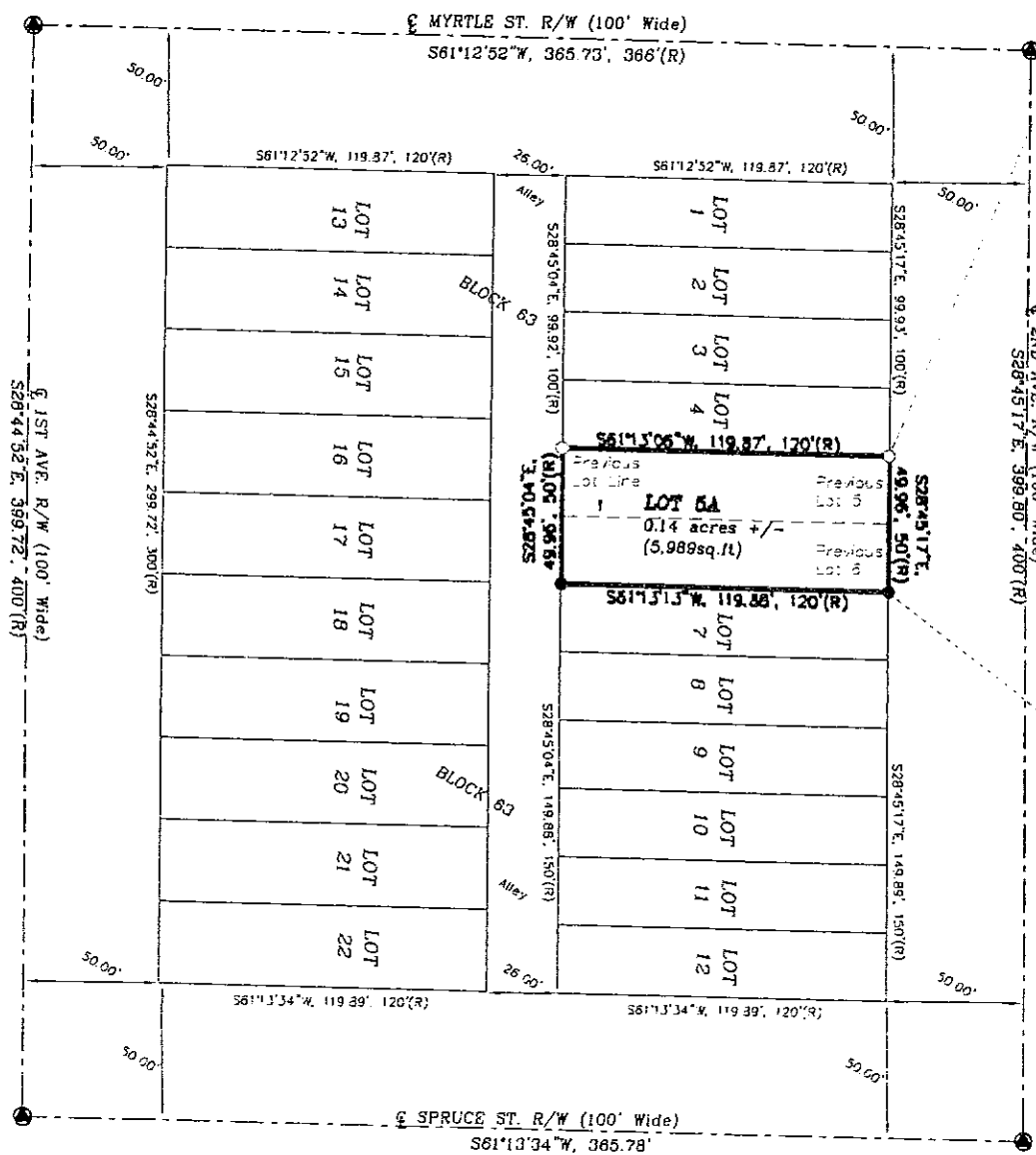
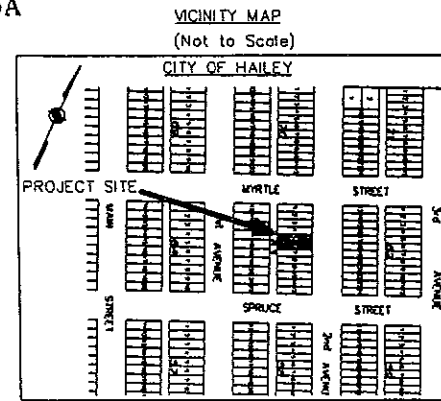
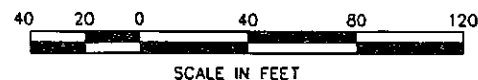
Basis of Bearings: S 28°45'17" E,
between the R/W centerline intersections of:
Spruce St. & 2nd Ave. and, Myrtle St. &
2nd Ave., monumented as shown hereon.

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

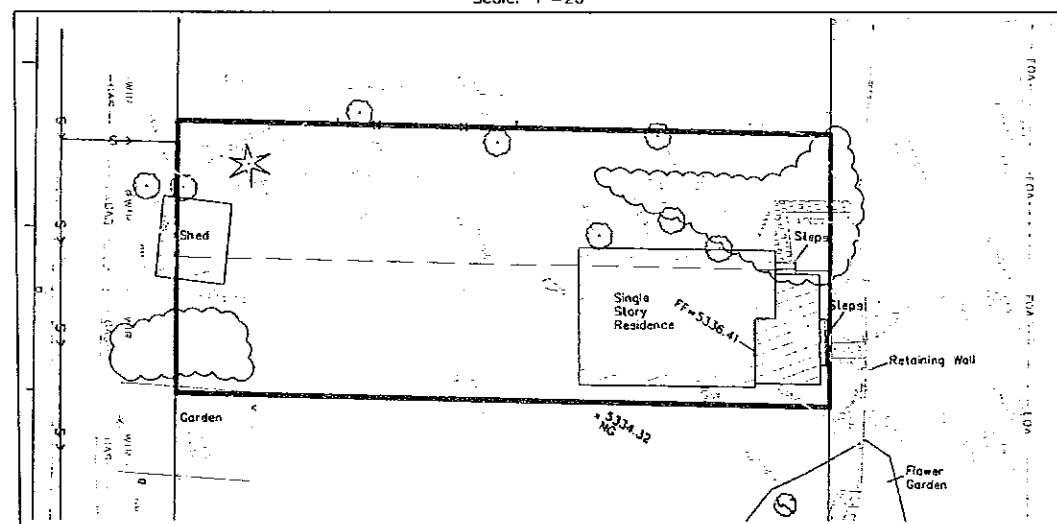
N1/2 SECTION 9, T.2 N., R.18 E., B.M., CITY OF HAILEY, BLAINE COUNTY, IDAHO

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