

Tan-y-Deri Comprehensive Restoration

Tan-y- Deri Comprehensive Restoraton 400-1001 Project

Farm Wing Roofing Restoration

Taliesin Residence 3



West Wing before restoration work.

Project Information

The cedar roof of the West Wing was in need of replacement. This project focused on the structurally failing West Wing roof. With the roof secured and sealed interior finish work and MP & E upgrades can be realized.

The preservation team shored up the roof and then tore off the existing shingles and sheathing; with the roof open many structural failures were identified. Unconventional construction, rot from water infiltration, fire damage, and past structural interventions all conspired to present a badly deflected and failing roof structure.



One of the most seriously deflected rafters in need of structural rehabilitation. The above roof cantilevers to the front and side elevations.



Detail of rafters showing deflection at the extreme ends of the roof structure.

Farm Wing Roofing Restoration

Taliesin Residence 4



Existing framing condition. The left side of the roof was framed using half lapped notched members to counteract the force of gravity on the overhang.



Detail of existing framing. Upper right hand corner shows evidence of an earlier fascia line. This is the right side of the roof shown above. This cantilever was supported by horizontal blocking that resulted in significant failure.



Fire damage to the fascia and rafters.



Edge and framing condition above entry door.



View of hip roof at entry facade replaced with continuous members and the discontinuous valley rafter was replaced with a micro lam.



View of the failed valley at the entrance to the West Wing.

Farm Wing Roofing Restoration

Taliesin Residence 5



Schematic solution to carry the structural failure. The members in red represent micro lams added to augment the existing structure.



Structural augmentation complete. The intention of this effort was to stiffen the structure in both directions similar to an airplane wing.

Farm Wing Roofing Restoration

Taliesin Residence 6

Project Solution

Once the sheathing was removed the original design intent was revealed. The large cantilevers spanning in three directions are supported by the notched integration of structural members running down and across the roof. This method of roof construction was described by Wright as "an airplane wing" with internal structure spanning in all directions that is integrated by the exterior skin. Another structural device used to support these cantilevers and resist roof thrusts are the continuous triangular braces unified by lath, plaster and roof sheathing, these are seen only on the farm wing at Taliesin.

The preservation team chose an approach that preserved both the original design intent and the maximum amount of historic fabric by augmenting the existing structure with micro lams sistered to the rafters; strengthening the existing triangular soffit construction by sistering micro lams on the flat across the historic half lapped grid work running east to west; and gusseting the triangular braces. The west portion of the roof above the entry stairs had to be reconstructed due to multiple failures. A double micro lam with a fitch plate was installed to carry the load of the front fascia, above the barn doors. All of these framing was then integrated with 3/4" tongue and groove plywood that was screwed and glued to the micro lams. Fiberglass reinforced rubberized bituminous felt was installed as the underlayment for the cedar shingles. This work will continue through the winter with interior finishes restored as needed and insulation added where possible.



View towards the entrance of the West Wing. All structural repairs have been made, and the roof is ready to receive the cedar shingles.

Taliesin Preservation, Inc. (TPI) proposes to use a design-build approach in preserving and restoring Tan-y-Deri. The three-year goal of this project is to rehabilitate the building and grounds for use by TPI, The Frank Lloyd Wright Foundation, the Frank Lloyd Wright School of Architecture and The Taliesin Fellows alumni association. This document represents a collaboration between these organizations to preserve and rehabilitate this unique 1907 Frank Lloyd Wright residence. Through the rehabilitation process, TPI will record the decision-making process and document important decisions with historical research.

Construction will be carried out by the TPI construction crew and work-study students in the School of Architecture, as deemed appropriate. Design solutions will be developed by the in-house intern architect, who will document conditions and present key information to the TPI Oversight Committee for discussion, direction, and approval of solutions. The intern architect will also assist in coordinating subcontractors when requested by the construction crew. The intern architect will work under the guidance of Jim Erickson, Taliesin Estate Manager, and Jim Sewell, a licensed architect, to ensure that all work remains compatible with the historic character of the property.

Students will be able to participate in two ways. First, they will be hired into work-study positions and will participate in the construction process, as directed by the construction crew. Second, they will participate in a preservation studio under the direction of a qualified instructor hired by the School of Architecture faculty, and assisted by the interim architect who would provide Tan-y-Deri content and illustrations for use by the instructor.

See Adendum 1 for project Contents

Taliesin Preservation Inc. Proposed Method Of Approach

2/15/2011
By Simón De Agüero

Tan-y- Deri Comprehensive Restoraton 400-1001 Project



1940's



2010

Tan-y-Deri is a unique project at the Taliesin estate in that it is one of the few projects that can be completed within a 3-year time span and at a relatively modest estimated cost of \$450,000. The work is divided into two phases. Phase one is the completion of all preservation activities, including stabilizing the structure, restoring the exterior, and rehabilitating the interior as a functioning residence and community space. Phase two is the reconstruction important site features, such as the north deck, stable, and pump house, and their adaptation to new, ancillary uses. On the next two pages, A buget is presenting tasks related to these phases, along with their estimated costs. Tasks marked with asterisks (*) are those where the costs could be reduced with the help of apprentices of fellows. Projects printed in red are proposed to be worked on in the summer of 2011, depending on the level of student participation. Work designated as "SUB" is to be subcontracted.

Budget Summary

Phase 1		
3yrs Planning and Management	\$	45,000
Structural	\$	18,500
MP&E	\$	83,300
Exterior Envelope	\$	133,000
Finishes	\$	64,250
Total		\$344,050
Phase 2		
Reconstruction of North Deck	\$	25,000
Reconstruction of Stable	\$	50,000
Reconstruction of Pump House	\$	12,000
Total		\$ 87,000
Comprehensive Restoration Total		\$431,050

Tan-y-Deri Comprehensive Restoration Intro

Tan-y- Deri Comprehensive Restoraton 400-1001 Project

Planning and Project Management

Phase 1

*Intern Architect (FLLWSA Graduates) 3-Years Of Work

- Architectural Services
 - Research
 - As Built Drawings (Complete)
 - Develop Restoration Drawings
 - Material Specification & Research
 - Landscaping
- Documentation & Administration
 - Documentation
 - Photo Processing & Cataloguing
 - Project Administration
 - Committee Coordination & Organization
 - Construction Supervision

Structural

Foundation & Site

Grade Assessment & Repair	Sub	\$ 1,000
Repair Of Retaining Stone Walls*	TPI	\$ 5,000
Cistern Abatement	Sub	\$ 500

Structural/Framing

Repair & Point Foundation*	TPI	\$ 2,000
Repair Concrete Cap On Foundation*	TPI	\$ 1,000

Structural Repairs In The Basement

Repair Rim Joists & Verify Bearing.	TPI	\$ 1,000
Repair Basement Beam Line At Stairs & Misc. Framing Repairs*	TPI	\$ 3,000
Frame New Perimeter & Partition Walls In The Basement*	TPI	\$ 5,000

Structural Total

\$18,500

MP&E

Plumbing

Design & Install Sanitary System	Sub	\$25,000
Repair & Reroute 2nd Floor Bath Plumbing*	Sub	\$ 500
Install Main Floor Kitchen Plumbing*	Sub	\$ 1,000
Install Basement Kitchen, Bath, Laundry & Mechanical plumbing*	Sub	\$10,000

Electric

Communications, Fire, and Security Design & Installation*	Sub	\$ 5,000
Electric syst. Upgrade & Replacement*	Sub	\$12,000
Install underground electrical Service		
Removal of Exterior Meters & Lines	Sub	\$ 5,000

HVAC

Design and Install HVAC System	Sub	\$20,000
--------------------------------	-----	----------

Basement

Remove Old Furnace*	TPI	\$ 300
Remove existing Slab*	TPI	\$ 1,500
Install Drainage*	TPI	\$ 1,000
Pour Slab w/Radiant Tubing*	Sub	\$ 2,000

MP&E Total

\$83,300

Project Management Total

\$45,000

(*) are tasks that reduce costs by Apprentices of Fellows help
Red - Summer 2011 proposed activities

Project Breakdown and Budget

2/15/2011
By Simón De Agüero

Tan-y- Deri Comprehensive Restoraton 400-1001 Project

Phase 1

Phase 2

Exterior Envelope

Soffit		
Demolition & Framing Repair*	TPI	\$ 4,000
Wood eave Trim*	TPI	\$ 3,000
Plaster soffit & wood eave detail*	Sub	\$15,000
Insulation & weatherproofing		
Attic Insulation w/ Mech Deck*	Sub	\$ 4,000
Wall Insulation (removal & installation)	Sub	\$ 5,000
Design & construction of window storms & screens (38) Windows*	TPI	\$30,000
Bronze weather stripping for all Doors & windows*	TPI	\$ 3,000
Siding Replacement.		
Remove siding & trim*	TPI	\$ 8,000
Restore window openings*	TPI	\$ 6,000
Reinstall siding & felt the exterior*	TPI	\$ 2,000
Replace Door & Window Trim*	TPI	\$10,000
Replace siding shingles w/ bands*	TPI	\$25,000
Window Repair		
Lead, re-enforcement & replacement*	Sub	\$10,000
Wood sash repair/reconstruction*		
Hardware repair or replacement*	TPI	\$ 6,000

Finishes

Reconstruction of Kitchens		
Kitchen equipment	Sub	\$ 7,000
Finish Floors Walls*	TPI	\$ 2,000
Install new appliances/counters*	Sub	\$10,000
Plaster		
Repair/Patch first floor walls & ceiling where needed*	Sub	\$12,000
Repair/Patch second floor walls & ceiling where needed*	TPI	\$ 250
Finish Woodwork		
Trim and door refinishing*	TPI	\$ 3,000
Floor refinishing*	TPI	\$ 2,000
Stair refinishing*	TPI	\$ 1,000
Finish Basement		
Plaster*	Sub	\$ 7,000
Trim*	TPI	\$ 7,000
Interior/Exterior		
Stain/Paint Exterior*	Sub	\$ 6,000
Paint Interior*	TPI	\$ 5,000
Stain Interior*	TPI	\$ 2,000

Reconstruction of North Deck*	TPI	\$25,000
Reconstruction of Stable*	TPI	\$50,000
Reconstruction of Pump House*	TPI	\$12,000

Exterior Envelope Total \$133,000

Finishes Total \$64,250

Phase 1 Total

\$344,050

Phase 2 Total

\$87,000

Project Breakdown and Budget Total

\$431,050

Tan-y- Deri Comprehensive Restoraton 400-1001 Project

The Tan-y-Deri comprehensive restoration project will require the collaboration of TPI, The Frank Lloyd Wright Foundation, the Frank Lloyd Wright School of Architecture, and The Taliesin Fellows. It will also require strong and effective management to keep the project moving forward.

Two positions are being proposed to complete this project. The first is that of intern architect to serve as project manager. The project manager would coordinate all aspects of the project, implement design decisions of the TPI staff, and coordinate student and fellow participation. The second would be that of an additional faculty position, funded through the Frank Lloyd Wright School of Architecture faculty budget.

With the full support of the faculty, the School of Architecture should establish a Preservation Methods Studio to teach preservation standards, with specific emphasis on the ways in which the standards are applied to the ongoing work at the Taliesin estate. The duration of The Preservation Studio would vary according to the project and the faculty requirements for the course and construction activities would be included. An essential thing to keep in mind is that a successful construction project requires full 8 hour days of work and commitment to the project preferably 4 days sequentially. This program would function as a preservation laboratory with students participating in the construction process and interacting with subcontractors. Learning how to work with an existing structure, historic or non-historic, is a common enough experience that every architecture student should know how to begin looking at the problem. Our greatest resource is the legacy of these buildings and the many who designed and built them it is our responsibility to continue the design-build integration of this unique educational model.

In conclusion, the means and opportunity now exist to complete the Tan-y-Deri comprehensive restoration. Through the coordinated efforts of interested and able organizations, the time has come to complete work on this important historic building. This document provides the road map for completing the project within the existing budget, in three years, and in conformance with historical standards.



Tan-y-Deri Restoration Action Proposal and Conclusion

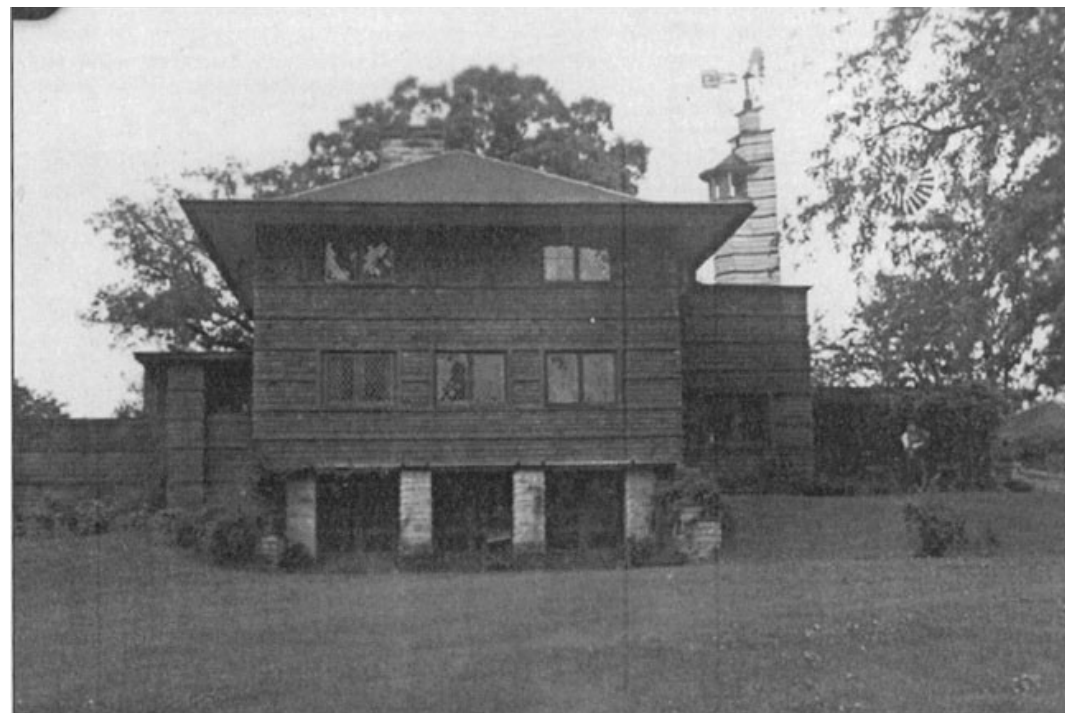
Tan-y- Deri Comprehensive Restoraton 400-1001 Project

It is with my best effort that, I present to you the following information highlighting the work that was completed during the winter 2010-2011 internship under the guidance of Jim Erickson and Floyd Hamblen.

I worked with the "Oversight Committee," a TPI decision-making committee that evaluates and approves the merit, approach and plan of each project on the Wisconsin property. I helped keep the project in their minds by presenting historic information and proposing solutions to unresolved issues within the approach, planning and restoration of Tan-y-Deri.

The Historic Zoning Plan was updated to the current standards. (Decision record 1) A Historic timeline of physical changes done to the building (Addendum 2) and suggested a period of restoration that was approved. (Decision record 2) A programmatic approach that considered all of the Frank Lloyd Wright entities, was developed and approved. (Decision record 3) Preliminary Plans and elevations for effected Zone 2 spaces and Preliminary Details of materials were completed. (Decision record 3&4)

Additional a readable set of 11"x 17" as built drawings were completed. This set was essential in moving forward design meetings for HVAC system. Micheal Johnson will also be using this set of drawings for his summer workshop that will be focusing on design opportunities in the Tan-y-deri historic context. (Addendum 3)



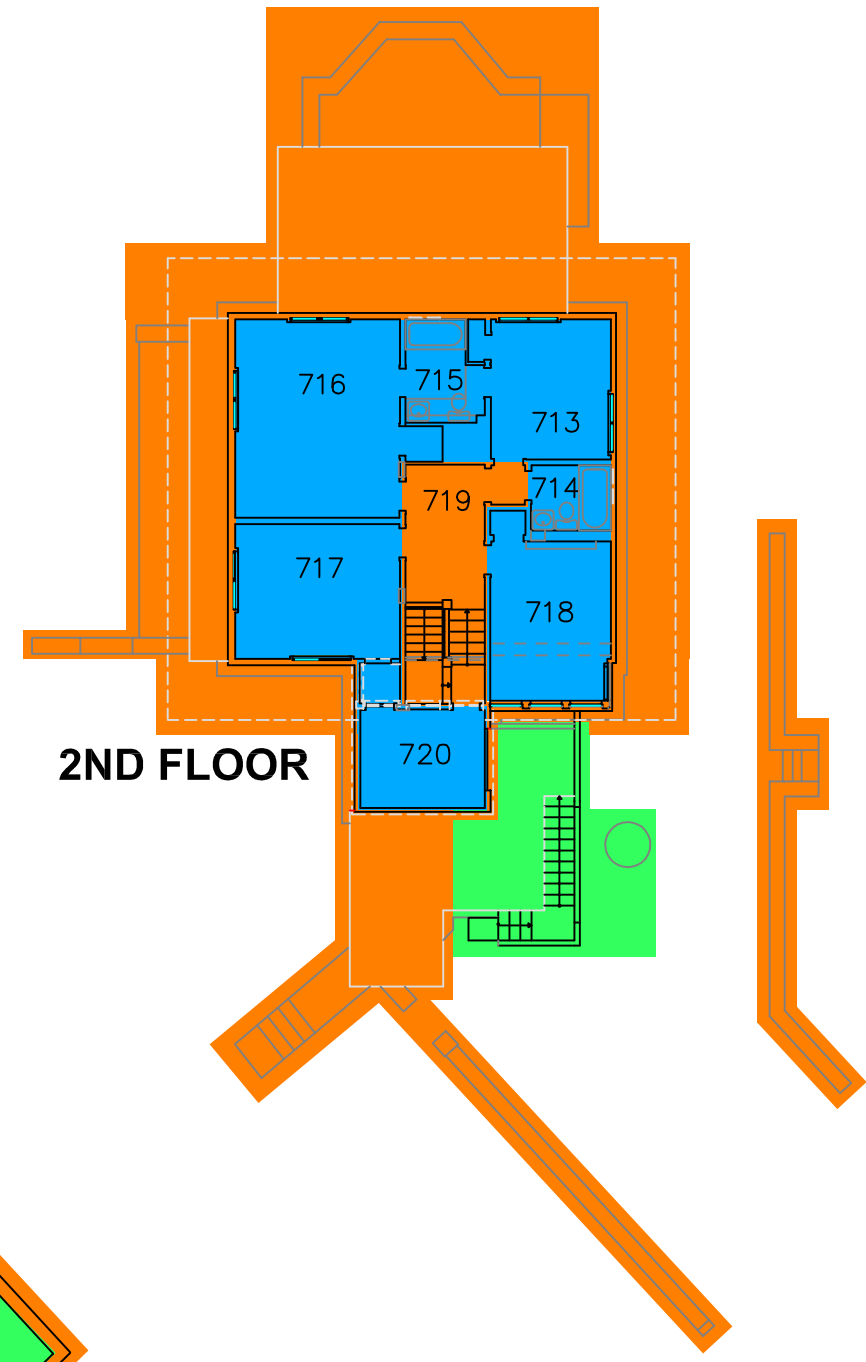
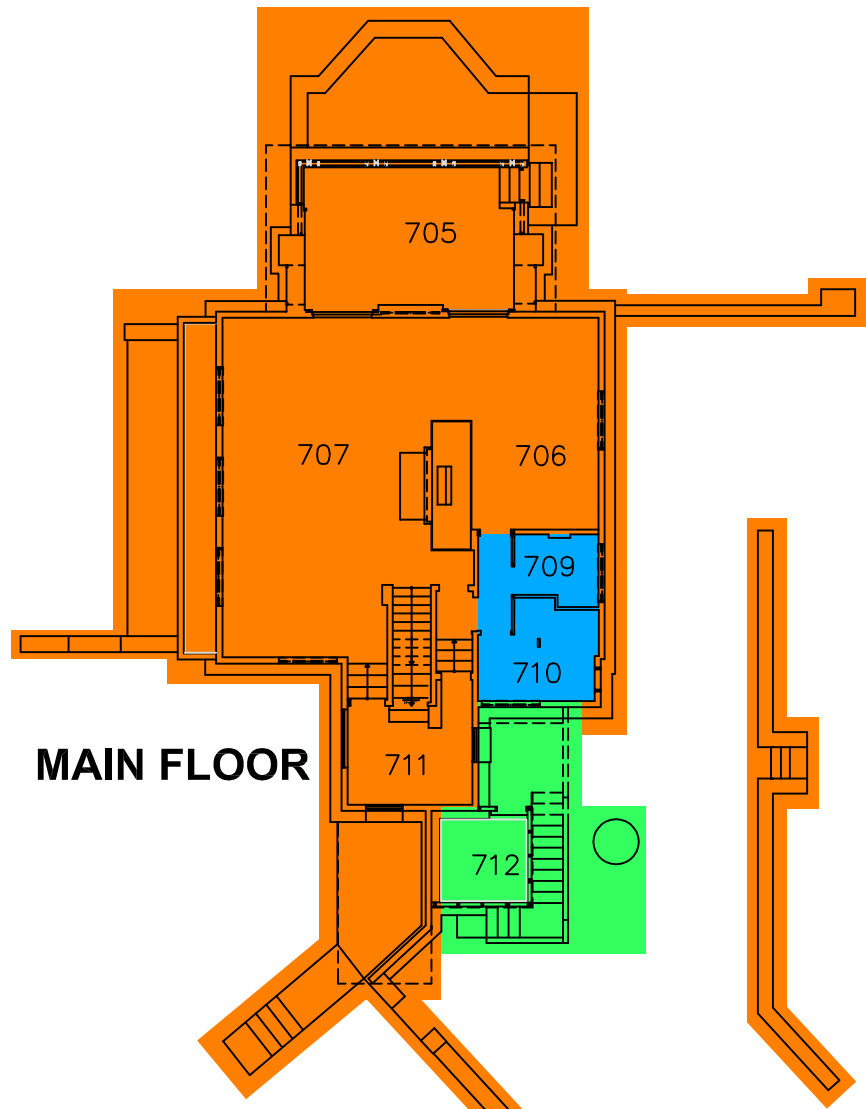
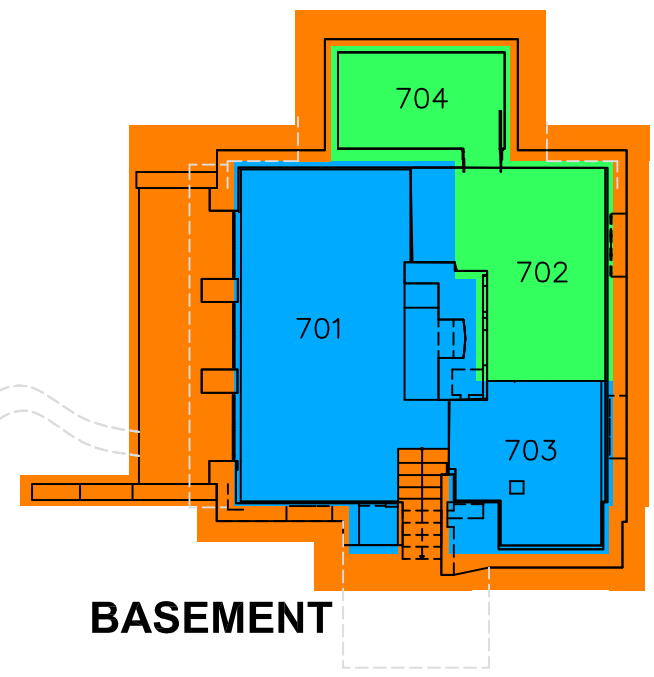
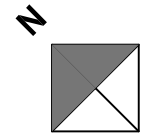
1940's



2010

TPI Project Management and Decisions Winter of 2010 - 2011

**Decision Record 01, Approved 12/9/2011
Tan-Y-Deri Comprehensive Restoration
400-1001 Project**



BUILDING INFORMATION BY ROOM

RM #	NAME	AREA	ZONE	USE
701	LOWER APARTMENT	390	■	1,3,4
702	UTILITY ROOM	226	■	4,5
703	KITCHEN	150	■	1,4
704	STORAGE	110	■	1,3,4,5
705	PORCH	200	■	1,2,3,4
706	DINING ROOM	210	■	1,2,3,4
707	LIVING ROOM	466	■	1,2,3,4
709	BATH	38	■	1,2,3,4
710	KITCHEN	71	■	1,3,4
711	FOYER	100	■	1,2,3,4
712	TOOL ROOM	50	■	
713	BEDROOM	116	■	1
714	BATH	35	■	1
715	BATH	51	■	1
716	BIG ROOM	225	■	1
717	BEDROOM	163	■	1
718	BEDROOM	133	■	1
719	HALLWAY	83	■	1
720	BEDROOM	81	■	1

LEGEND

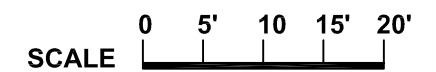
- ZONE 1
- ZONE 2
- ZONE 3

USE PROGRAM

- 1 - RESIDENTIAL
- 2 - TOURS
- 3 - EDUCATION
- 4 - EVENTS
- 5 - STORAGE OR UTILITY

NOTE: ZONING AREAS ARE PRIMARY TO ROOMS AND USES, SEE RESTORATION PLANS.

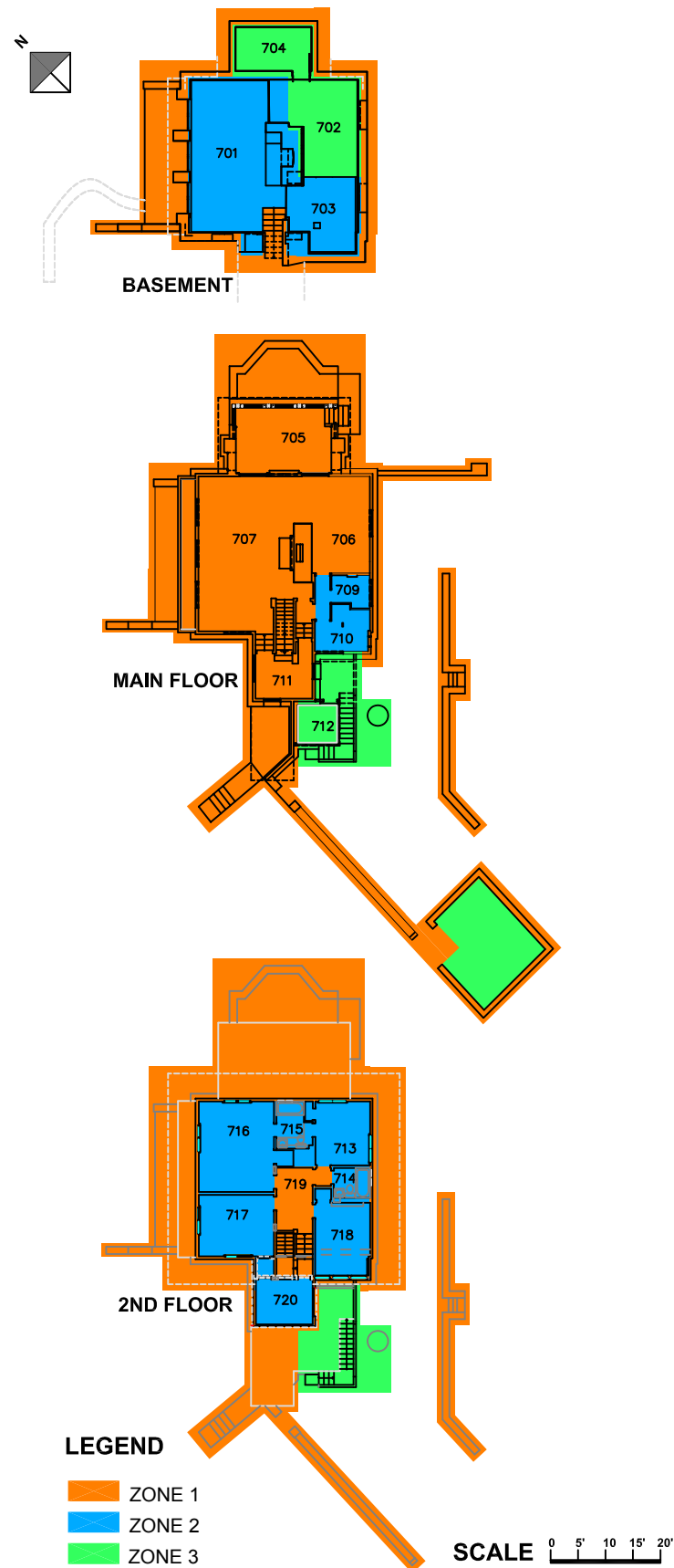
NOTE: ZONE 2 FOR THE BATHROOM AND KITCHEN ON THE MAIN FLOOR IS DUE TO SEVERAL CHANGES THROUGHOUT HISTORY. FOCUS ON RESTORATION AND PRESERVATION ARE PRIMARY.



DATE: 12/6/2010
By Simón De Agüero
Copyright Frank Lloyd Wright Foundation

Historic Zoning Plan

Decision Record 02, Approved 1/6/2011 Tan-Y-Deri Comprehensive Restoration 400-1001 Project



EXTERIOR



PHOTO #1891
YEAR 1937



PHOTO #1891
YEAR 1940



PHOTO #1891
YEAR 1938-41



PHOTO #1891
YEAR 1940



PHOTO #1891
YEAR 1937-40

INTERIOR



PHOTO #1891
YEAR 1937

Historic Treatment Narrative

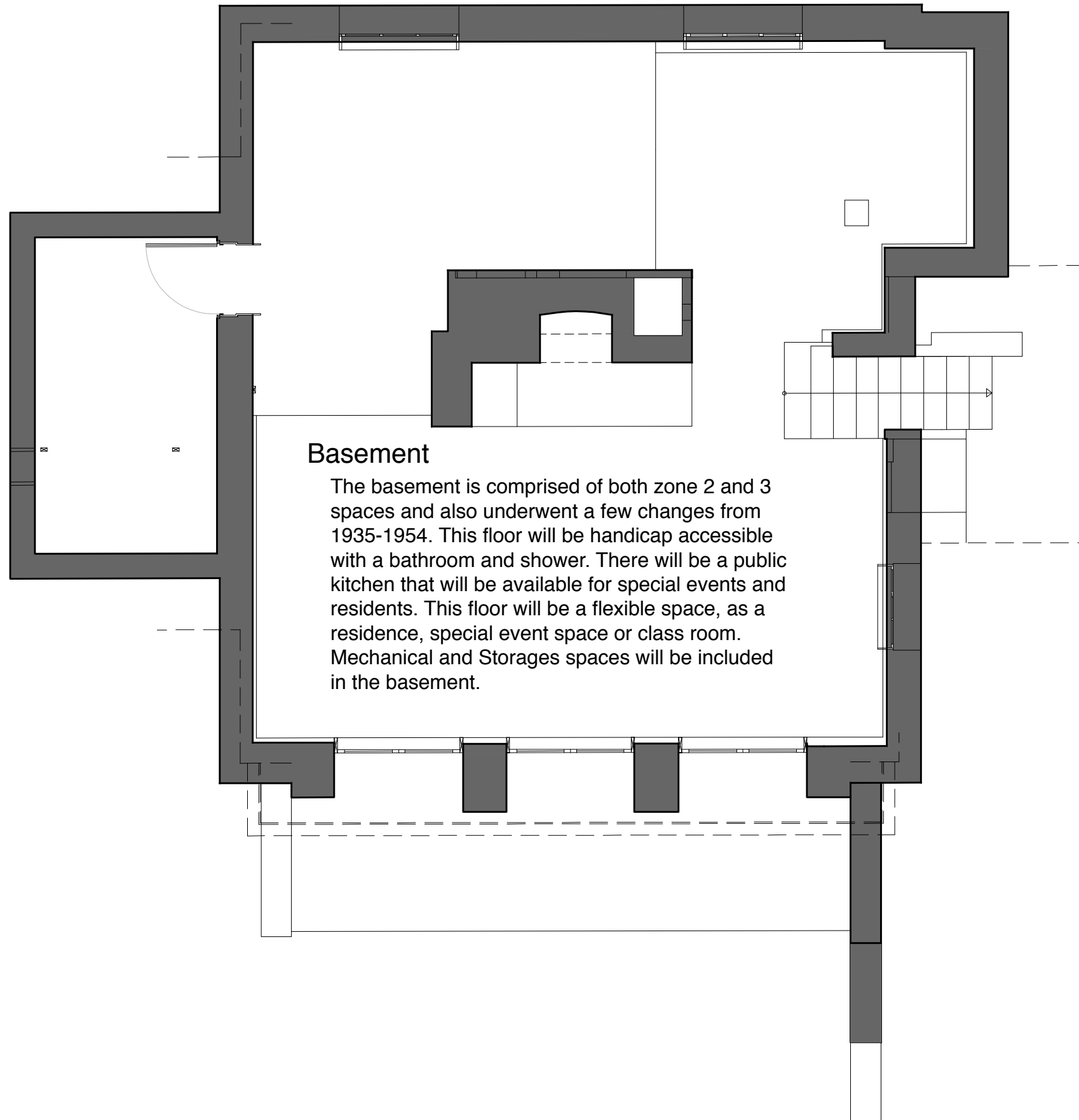
With a continuous period of significance of 1907-1959, It is recommended that the period of Restoration is 1935-54 with an emphasis on the early 1950's circa 1954, the date before the removal of the north-east deck. In determining restoration actions, the photos of this period will be used as a primary historical source. Major changes will include:

- The north-east deck with a short screened porch, will be restored.
- The backstairs will be removed and the tool-shed will remain
- The north-east stone wall will be reconstructed.
- The south-west concrete walkway on the will be reconstructed.
- The stable/garage and pump house will be reconstructed.
- The interior zone 1 spaces will reflect the ownership of the Porters.

See Adendum 2 for project Contents

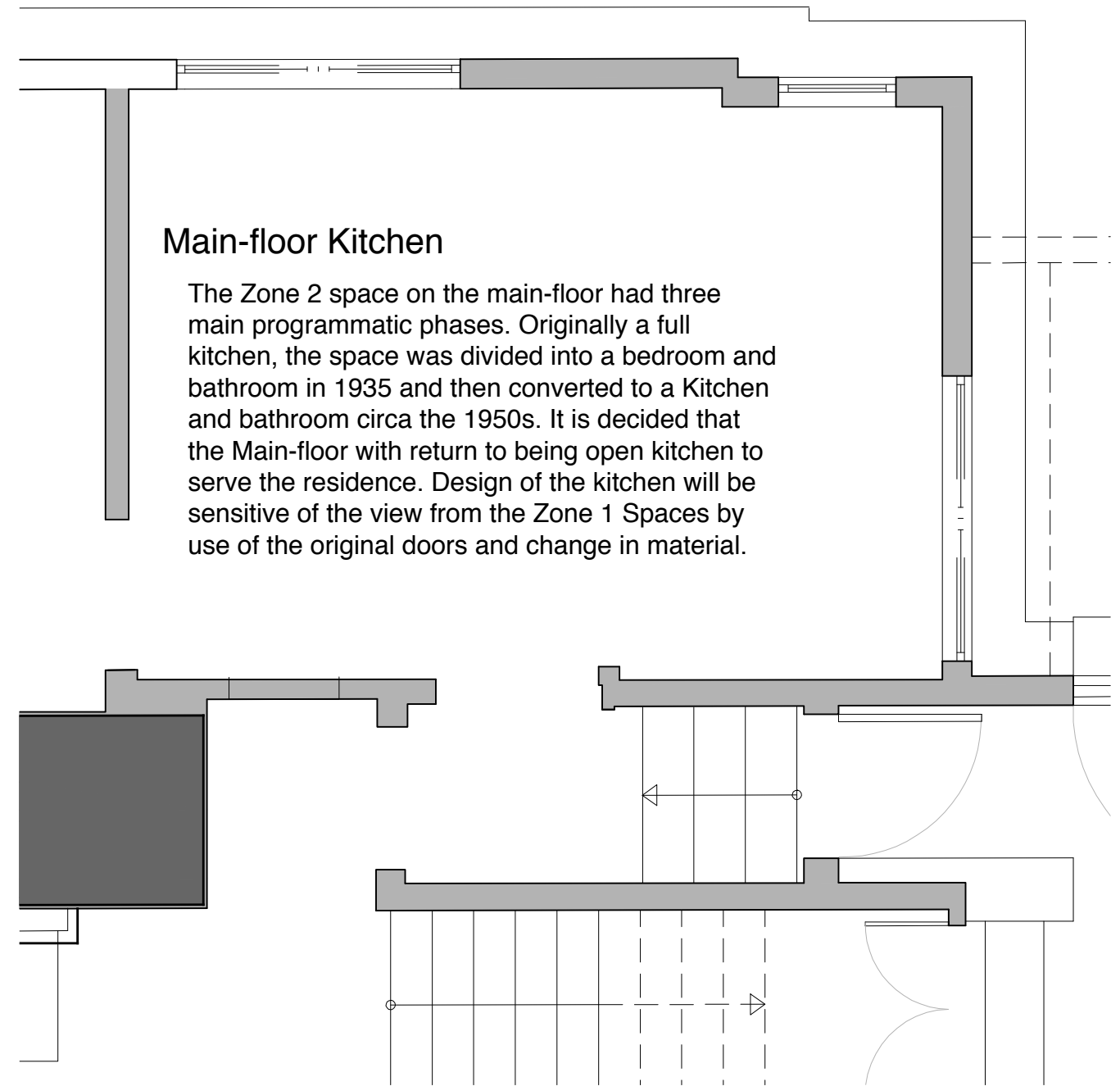
Restoration Reference Images

**Decision Record 03, Approved 12/9/2011
Tan-Y-Deri Comprehensive Restoration
400-1001 Project**



Basement

The basement is comprised of both zone 2 and 3 spaces and also underwent a few changes from 1935-1954. This floor will be handicap accessible with a bathroom and shower. There will be a public kitchen that will be available for special events and residents. This floor will be a flexible space, as a residence, special event space or class room. Mechanical and Storages spaces will be included in the basement.



Main-floor Kitchen

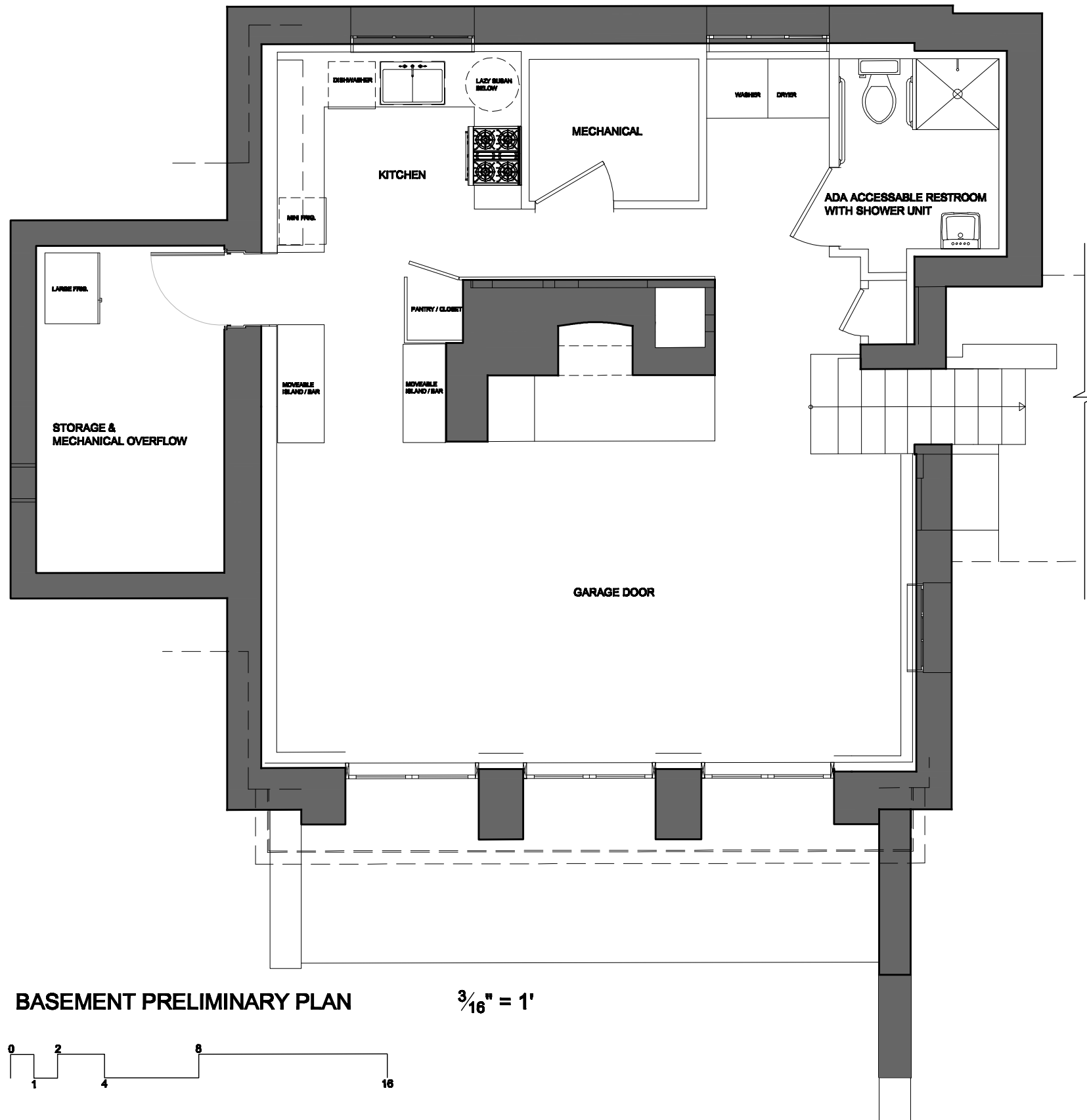
The Zone 2 space on the main-floor had three main programmatic phases. Originally a full kitchen, the space was divided into a bedroom and bathroom in 1935 and then converted to a Kitchen and bathroom circa the 1950s. It is decided that the Main-floor will return to being open kitchen to serve the residence. Design of the kitchen will be sensitive of the view from the Zone 1 Spaces by use of the original doors and change in material.

Second Floor

The Zone 2 spaces on the second floor will remain as residential.

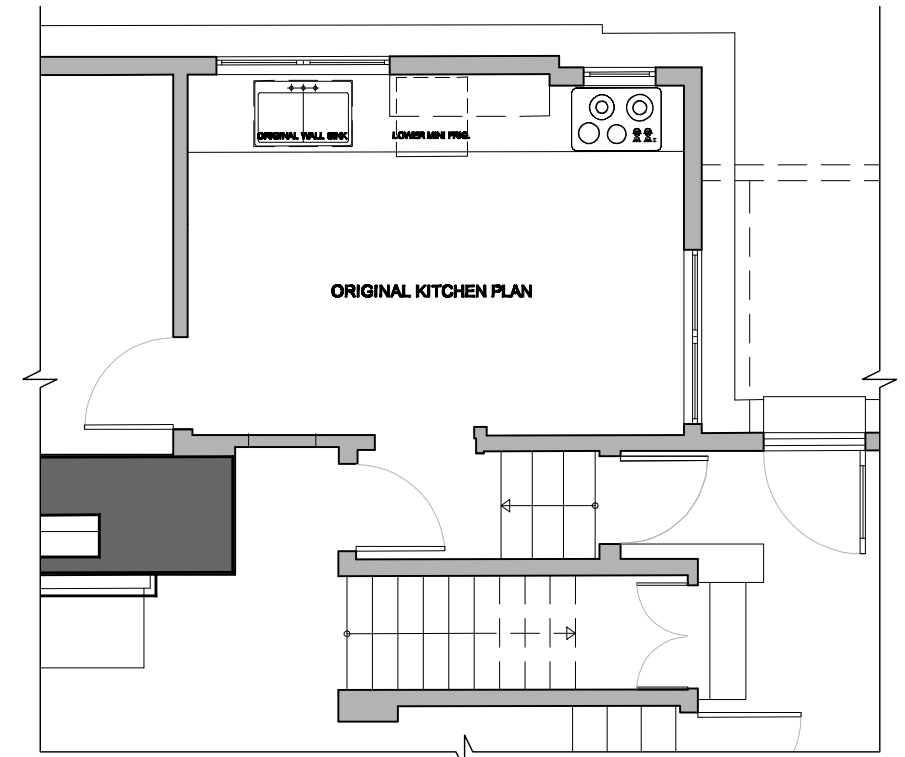
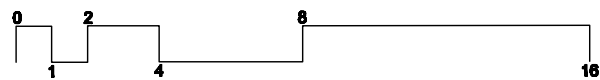
Programic Approach for Zone 2 Spaces

**Decision Record 04, Approved 2/17/2011
 Tan-Y-Deri Comprehensive Restoration
 400-1001 Project**



BASEMENT PRELIMINARY PLAN

$\frac{3}{16}'' = 1'$



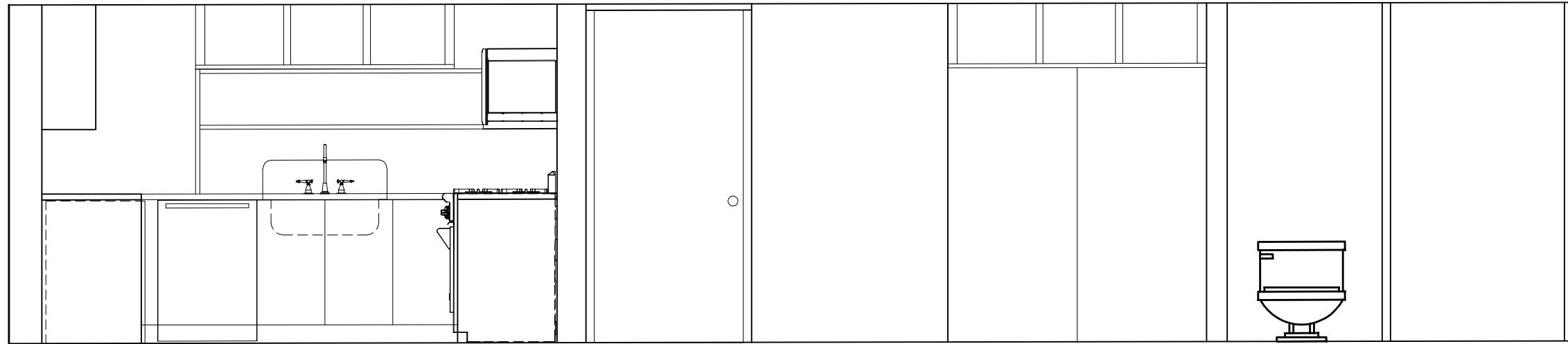
ORIGINAL KITCHEN PLAN

MAIN FLOOR PRELIMINARY PLAN

$\frac{3}{16}'' = 1'$

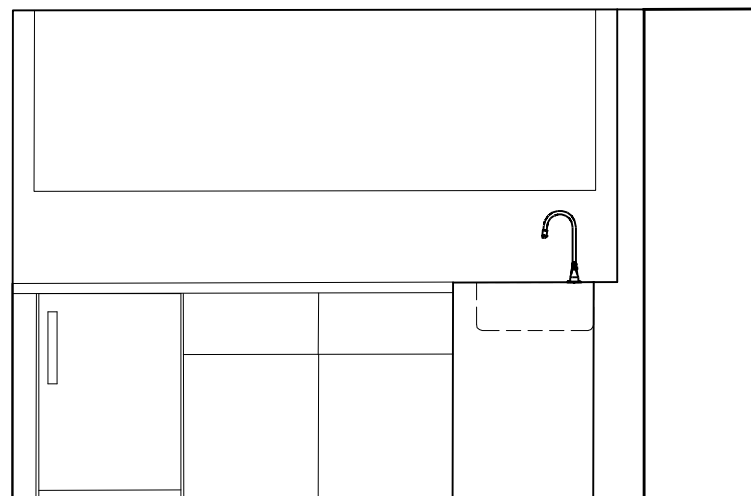
Final Preliminary Plan Zone 2

**Decision Record 04, Approved 2/17/2011
Tan-Y-Deri Comprehensive Restoration
400-1001 Project**

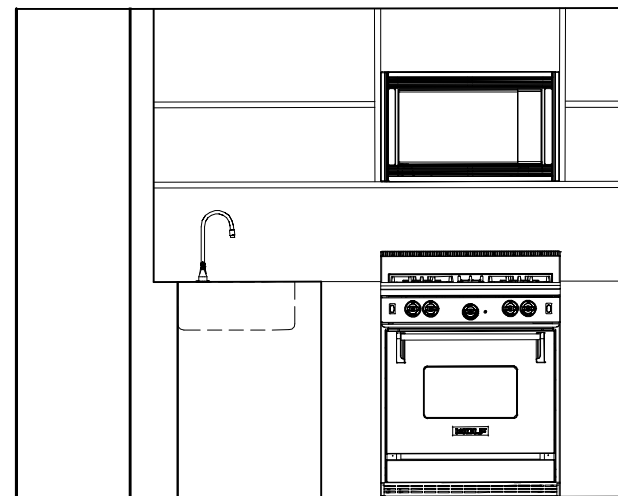


BASEMENT HALLWAY KITCHEN PRELIMINARY ELEVATION

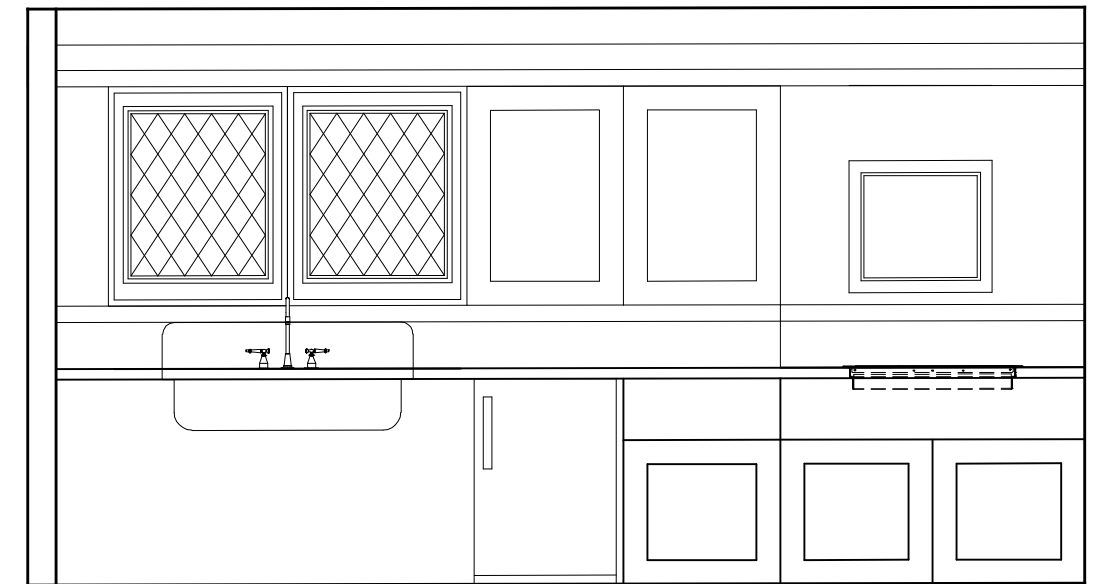
$\frac{3}{8}'' = 1'$



KITCHEN PRELIMINARY ELEVATIONS



$\frac{3}{8}'' = 1'$

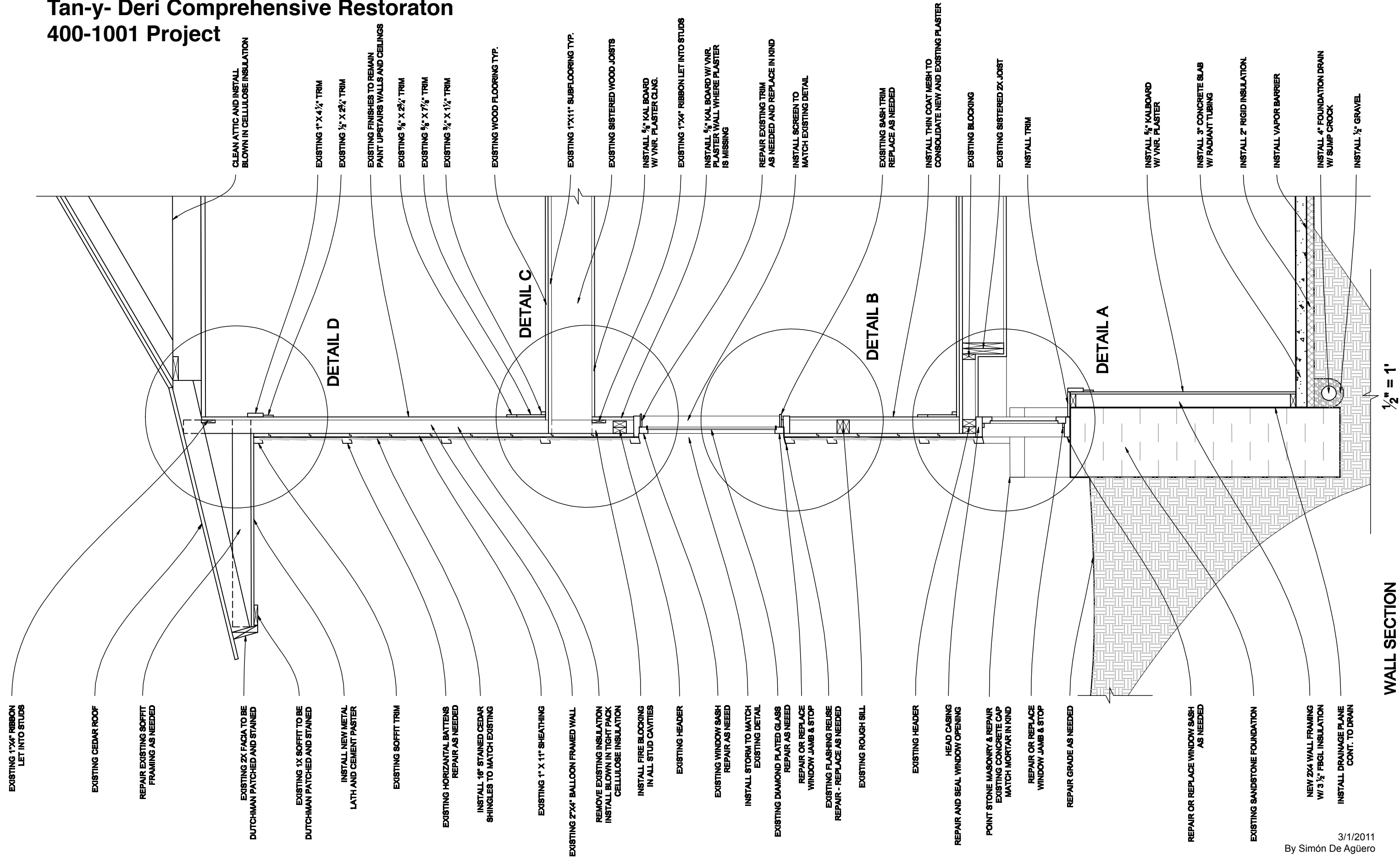


MAIN-FLOOR KITCHEN PRELIMINARY ELEVATION

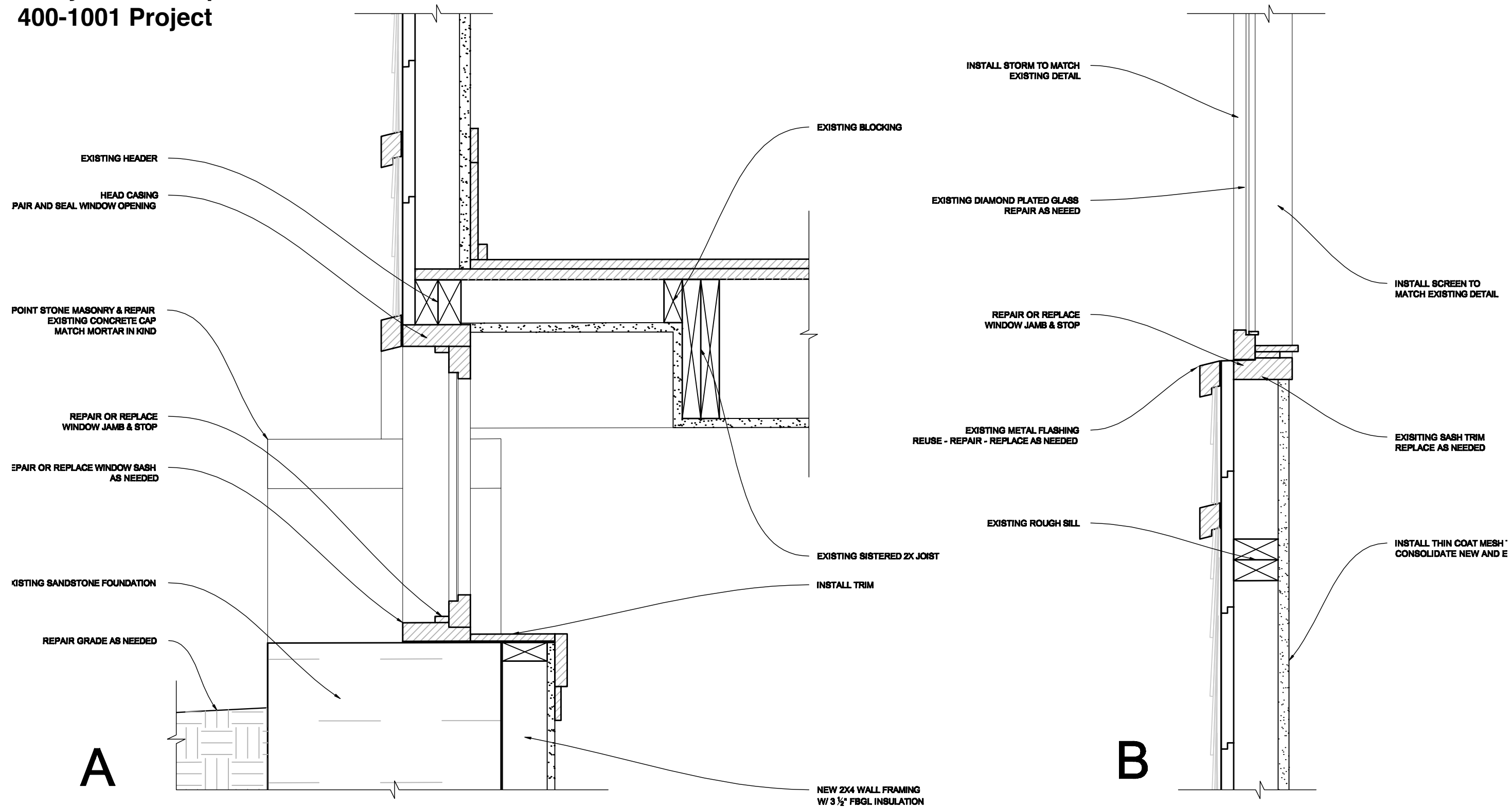
$\frac{3}{8}'' = 1'$

Preliminary Elevations Zone 2

Decision Record 05, Approved 3/4/2011
Tan-y- Deri Comprehensive Restoraton
400-1001 Project



**Decision Record 05, Approved 3/4/2011
 Tan-y- Deri Comprehensive Restoraton
 400-1001 Project**

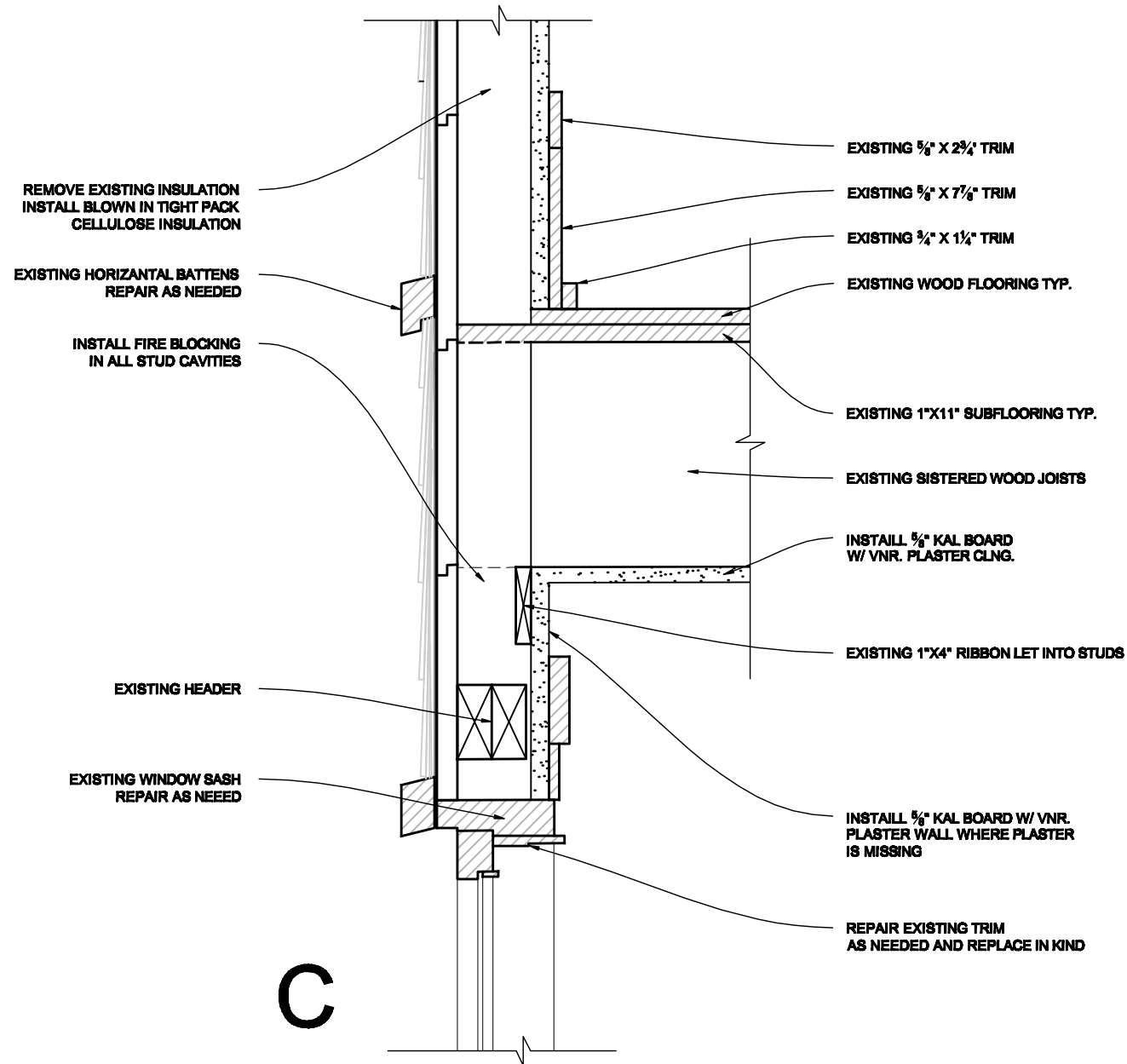


A
 DETAILS

B

Walls Section Details

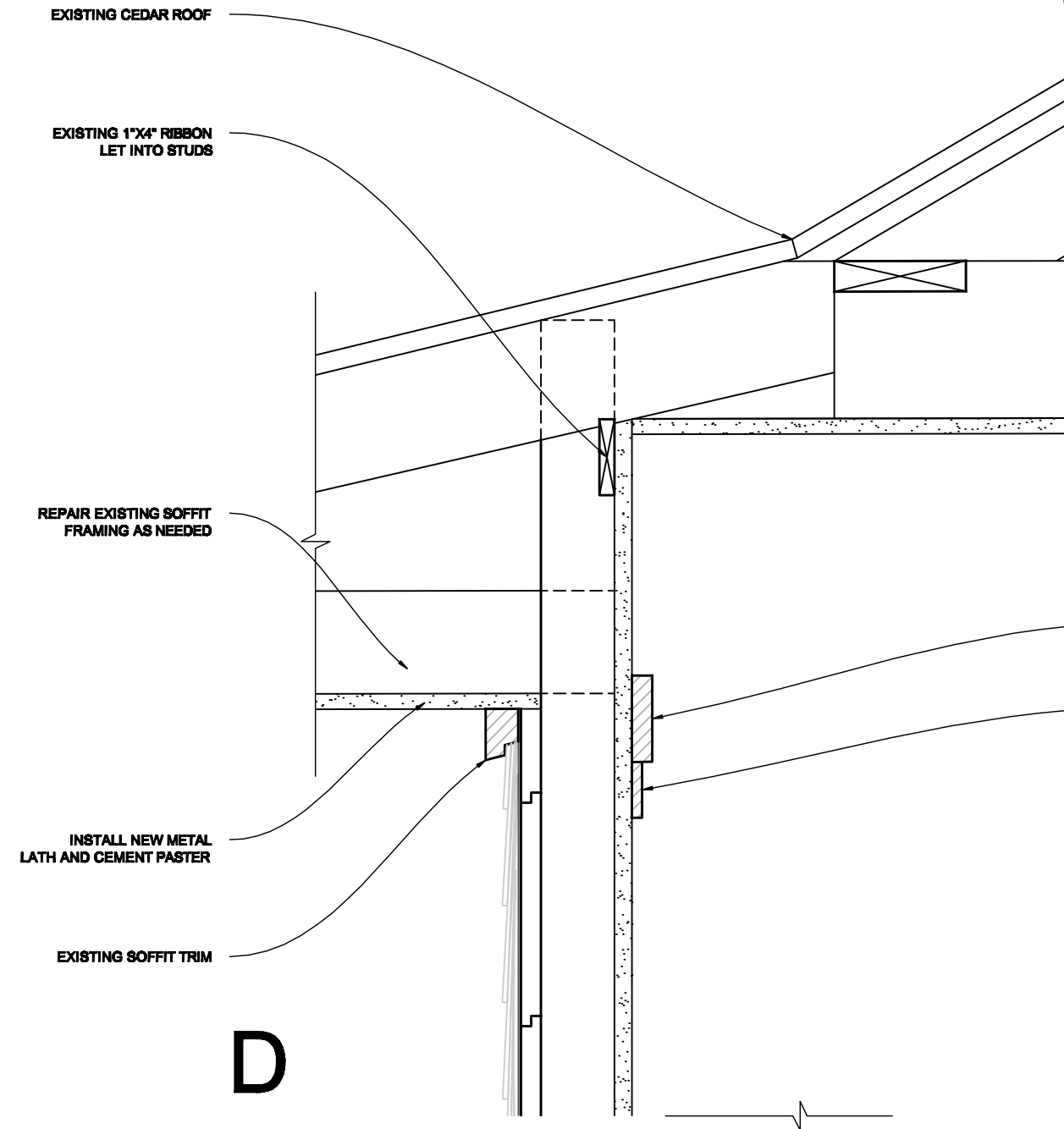
**Decision Record 05, Approved 3/4/2011
Tan-y- Deri Comprehensive Restoraton
400-1001 Project**



C

DETAILS

1 1/2" = 1'



D

Walls Section Details

2/15/2011
By Simón De Agüero

Tan-y- Deri Comprehensive Restoraton

400-1001 Project Adendum 1

Farm Wing Roofing Restoration

Taliesin Residence 3



West Wing before restoration work.

Project Information

The cedar roof of the West Wing was in need of replacement. This project focused on the structurally failing West Wing roof. With the roofs secured and sealed interior finish work and MP & E upgrades can be realized.

The preservation team shored up the roof and then tore off the existing shingles and sheathing; with the roof open many structural failures were identified. Unconventional construction, rot from water infiltration, fire damage, and past structural interventions all conspired to present a badly deflected and failing roof structure.



One of the most seriously deflected soffits in need of structural rehabilitation. The above roof cantilevers to the front and side elevations.



Detail of south eave showing deflection at the extreme ends of the roof structure.

Farm Wing Roofing Restoration

1



Existing framing condition. The left side of the roof was framed using half lapped notched members to counteract the force of gravity on the overhang.



Ridge and framing condition above



Detail of existing framing. Upper right hand corner shows evidence of an earlier fascia line. This is the right side of the roof shown above- this cantilever was supported by horizontal blocking that resulted in significant failure.



View of hipped roof at entry the f... continuous members and the disc... was replaced with a micro lam.



Fire damage to the fascia and rafters.



View of the failed valley at the en...

Tan-y- Deri Comprehensive Restoraton 400-1001 Project

Farm Wing Roofing Restoration

Taliesin Residence 5



Schematic solution to correct the structural failure. The members in red represent micro lams added to augment the existing structure.



Sistering/structural augmentation complete. The intention of this effort was to stiffen the structure in both directions-similar to an airplane wing.

Farm Wing Roofing Restoration

Taliesin Residence 6

Project Solution

Once the sheathing was removed the original design intent was revealed. The large cantilevers spanning in three directions are supported by the notched integration of structural members running down and across the roof. This method of roof construction was described by Wright as “an airplane wing” with internal structure spanning in all directions that is integrated by the exterior skin. Another structural device used to support these cantilevers and resist roof thrusts are the continuous triangular braces unified by lath, plaster and roof sheathing, these are seen only on the farm wing at Taliesin.

The preservation team chose an approach that preserved both the original design intent and the maximum amount of historic fabric by: augmenting the existing structure with micro lams sistered to the rafters; strengthening the existing triangular soffit construction by sistering micro lams on the flat across the historic half lapped grid work running east to west; and gusseting the triangular braces. The west portion of the roof above the entry stairs had to be reconstructed due to multiple failures. A double micro lam with a fitch plate was installed to carry the load of the front fascia, above the barn doors. All of these framing was then integrated with 3/4” tongue and groove plywood that was screwed and glued to the micro lams. Fiberglass reinforced rubberized bituminous felt was installed as the underlayment for the cedar shingles. This work will continue through the winter with interior finishes restored as needed and insulation added where possible.



View towards the entrance of the West Wing, all structural repairs have been made, and the roof is ready to receive the cedar shingles.

Tan-y- Deri Comprehensive Restoraton

400-1001 Project Adendum 2

Discussion: Tan-y-Deri Period of Significance and Period of Restoration

Tan-y-Deri a notable late Prairie Style House designed by Frank Lloyd Wright (FLLW). It is unique among many Buildings on the Taliesin Property. Andrew and Jane Porter (FLLW sister) built the residence in 1907 on the hill, north-west of Romeo and Juliet. Its construction precedes that of Taliesin, the full-time residence of Frank Lloyd Wright in the Valley. Mr. Wright did not own the residence until 1955 after which many significant alterations to the building occurred. The *Timeline of Construction and Alterations* provides a succinct summary of the history and major changes from the time of construction to the beginning of the restoration efforts. The significant events that make Tan-y-Deri historically unique during Frank Lloyd Wrights Life are with period the first 52 years.

There are four major periods that Tan-y-Deri underwent. The following list provides the tile of each period and a brief description why it is significant.

1907 - 1917 "The hand of the Master": From construction to the first known photographic evidence in 1917, you will notably recognize the gesture and expression in the landscape that FLLW intended during this period. The events that are significant to Tan-y-Deri in relation to FLLW are its construction and the construction of Taliesin on the adjacent hill to the northeast in its view-shed. Tan-y-Deri also served as a place of refuge in many times of hardship during this period. 1917 is the latest photography depicting the house as designed by FLLW.

1918 - 1934 "Drafting of An Autobiography": In this period, you will notice that the exterior of the building changes. The wood walls that were extending into the landscape are no longer present and the long beams above the deck are cut back. The events that are significant to Tan-y-Deri in relation to FLLW are the changes in its appearance in the landscape, the drafting of An Autobiography when FLLW took refuge in 1927 and the Taliesin Fellowship began in 1932-33. This period

concludes at point where drastic alterations are made to the house.

1935 - 1954 "In support of a Progressive Community": You will notice significant changes to the building in this period beginning in 1935. The Porters added a dining/living space, kitchen and bathroom, with a north-west porch/ entry in the basement, The main floor kitchen was remodeled two times. It first became a bathroom and bedroom then the bedroom was converted back to a kitchen while the bathroom remained. On the north-east deck, they built a small screened in covered space to ward off the mosquitoes. These changes were not made by FLLW but were important in providing spaces related to the heightened activity of the Porters as they supported a Progressive Community in the Wyoming Valley. The events that are significant to Tan-y-Deri in relation to FLLW are its expansion and remodel, the Porters heavy involvement in the local community, multiple offers from the fellowship to purchase the residence, and the increasing use by the apprentices.

1955 - 1959 "Residence of Taliesin Fellowship": In examining this time period, you will notice that the original north-east deck was drastically altered by making it an additional entryway. A screen area was also added to the basement porch/entry. The events that are significant to Tan-y-Deri in relation to FLLW are modifications that the Taliesin apprentices made to accommodate communal and Frank Lloyd Wright died in 1959.

After digesting the evolution that Tan-y-Deri encountered you might be asking, is "the hand of the Master" more significant than the "drafting of An Autobiography? Is the work that the Porters did "In support of a Progressive Community" more significant than work and "Residence of Taliesin Fellowship" in the final years of Frank Lloyd Wrights' life? All of the history related to Tan-y-Deri is significant in relation to the life-long presence of FLLW in this valley. The Period of Significance recommend-

ed for Tan-y-Deri is 1907-1959. To include the whole breath of history into the period significance is to embrace lessons and reality of the past and safe guard the knowledge for the future without disregarding specifics.

We need Tan-y-Deri to be a stable and functional building that serves the needs of The Frank Lloyd Wright Foundation, The Frank Lloyd Wright School of Architecture, The Taliesin Fellows and Taliesin Preservation Incorporated. (Mentioned in the order they were founded) Tan-y-Deri has been a place of refuge, a place of community development and a place of residence throughout its history. It must continue to be that if we are to keep our legacy. The Period of Restoration recommended for Tan-y-Deri is 1935 Ò 1954. This is a historically rich period that includes Frank Lloyd Wright, Andrew and Jane Porter, and The Taliesin Fellowship, all working together for the greater idea of Taliesin and a local Progressive Community

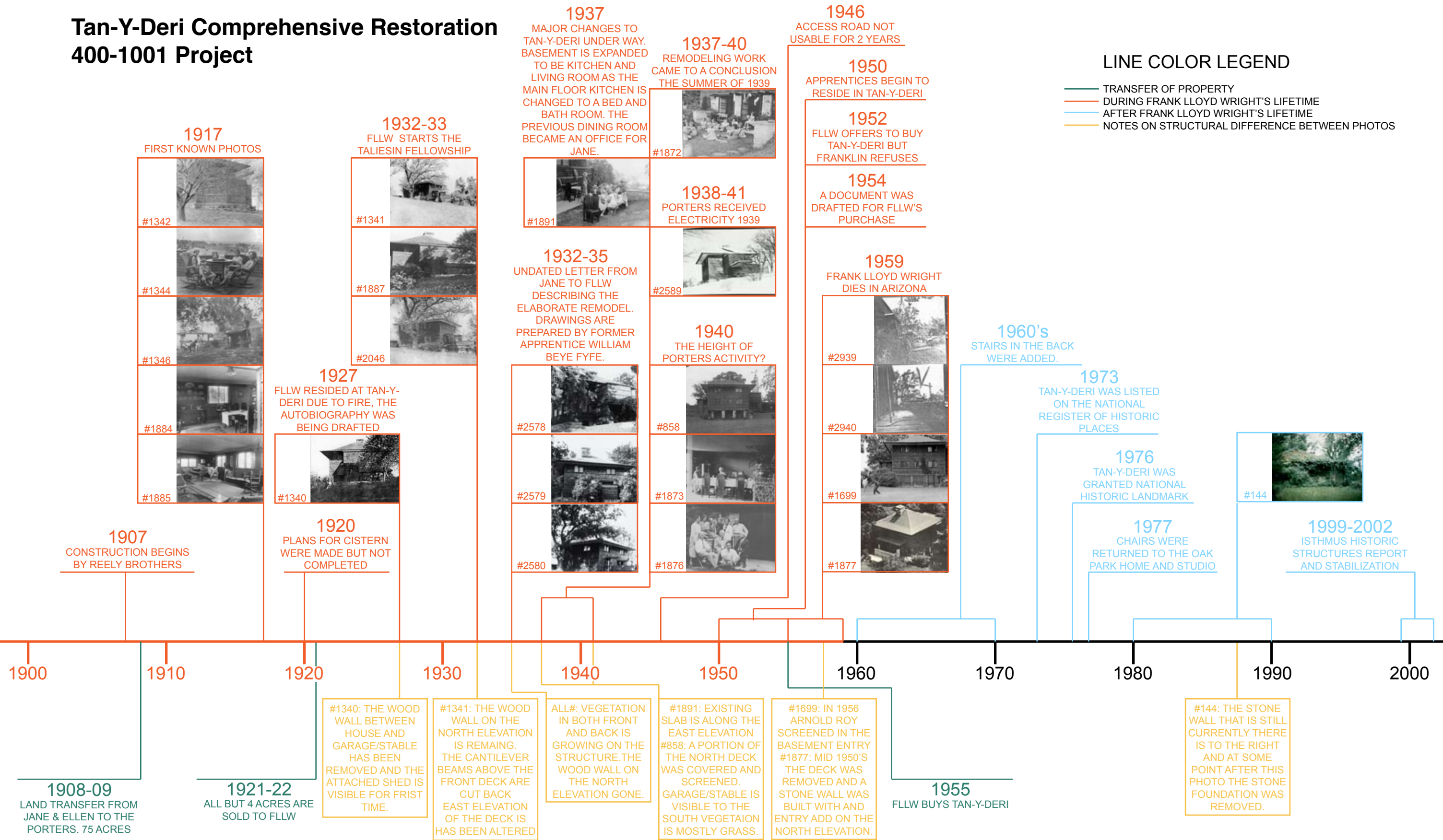
1935-1954, The Period of Restoration for Tan-y-Deri over laps with the previously established Period of Significance for the entire property of Taliesin 1950-1959. It is recommended that a restoration focusing on the early 1950s would best represent Tan-y-Deri historically as well as noticeably serve our community. This allows the visitors, students and scholars to see evidence of the various periods in the 52 years during Frank Lloyd Wrights' Life. The original intent of Frank Lloyd Wright would be more evident in this restoration. The significant activities of Andrew and Jane Porter would be evident in keeping the expanded basement and the converted kitchen area of the main floor. The Fellowship had already begun to live in the residence in the early 1950s and thus, this time period best represents the complete history of Tan-y-Deri during Frank Lloyd Wrights' life.

Tan-y-Deri Period of Significance and Period of Restoration

Tan-Y-Deri Comprehensive Restoration 400-1001 Project

LINE COLOR LEGEND

- TRANSFER OF PROPERTY
- DURING FRANK LLOYD WRIGHT'S LIFETIME
- AFTER FRANK LLOYD WRIGHT'S LIFETIME
- NOTES ON STRUCTURAL DIFFERENCE BETWEEN PHOTOS



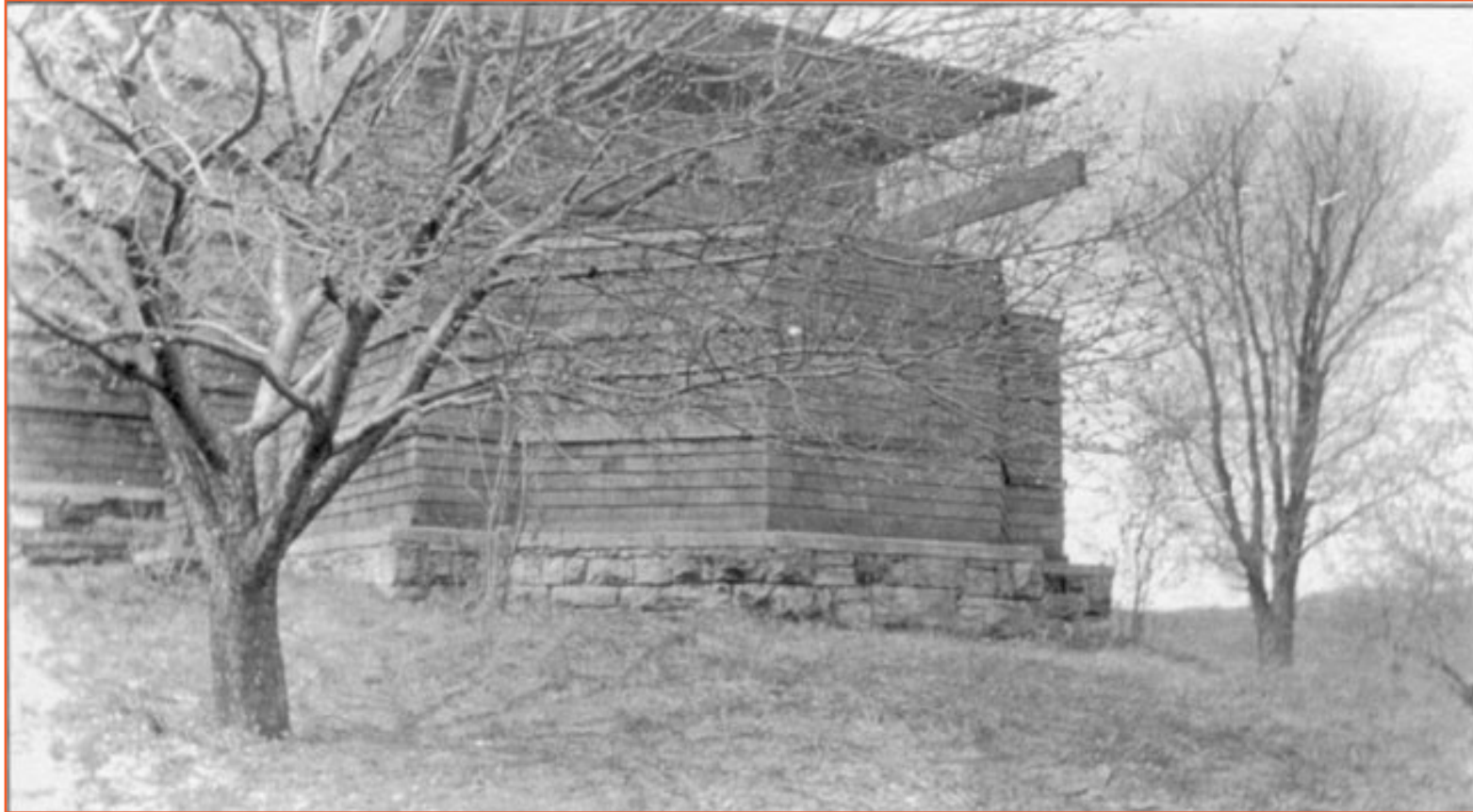
Timeline of Construction and Alterations

Tan-Y-Deri Comprehensive Restoration 400-1001 Project

LINE COLOR LEGEND

- TRANSFER OF PROPERTY
- DURING FRANK LLOYD WRIGHT'S LIFETIME
- AFTER FRANK LLOYD WRIGHT'S LIFETIME
- NOTES ON STRUCTURAL DIFFERENCE BETWEEN PHOTOS

1917
FIRST KNOWN PHOTOS



#1342

#1344

1907
CONSTRUCTION BEGINS
BY REELY BROTHERS

1900

1910

1908-09
LAND TRANSFER FROM
JANE & ELLEN TO THE
PORTERS. 75 ACRES

Timeline of Construction and Alterations

Tan-Y-Deri Comprehensive Restoration 400-1001 Project

LINE COLOR LEGEND

- TRANSFER OF PROPERTY
- DURING FRANK LLOYD WRIGHT'S LIFETIME
- AFTER FRANK LLOYD WRIGHT'S LIFETIME
- NOTES ON STRUCTURAL DIFFERENCE BETWEEN PHOTOS

1917
FIRST KNOWN PHOTOS



#1346



#1884



#1885

1920

Timeline of Construction and Alterations

12/8/2010
Drawn by Simón De Agüero
Copyright Frank Lloyd Wright Foundation

Tan-Y-Deri Comprehensive Restoration 400-1001 Project

LINE COLOR LEGEND

- TRANSFER OF PROPERTY
- DURING FRANK LLOYD WRIGHT'S LIFETIME
- AFTER FRANK LLOYD WRIGHT'S LIFETIME
- NOTES ON STRUCTURAL DIFFERENCE BETWEEN PHOTOS

1927

FLLW RESIDED AT TAN-Y-DERI DUE TO FIRE, THE AUTOBIOGRAPHY WAS BEING DRAFTED



#1340

1932-33

FLLW STARTS THE TALIESIN FELLOWSHIP



#1341

1920

PLANS FOR CISTERN WHERE MADE BUT NOT COMPLETED

1920

1930

1921-22
ALL BUT 4 ACRES ARE SOLD TO FLLW

#1340: THE WOOD WALL BETWEEN HOUSE AND GARAGE/STABLE HAS BEEN REMOVED AND THE ATTACHED SHED IS VISIBLE FOR FRIST TIME.

#1341: THE WOOD WALL ON THE NORTH ELEVATION IS REMAINING. THE CANTILEVER BEAMS ABOVE THE FRONT DECK ARE CUT BACK EAST ELEVATION OF THE DECK IS HAS BEEN ALTERED

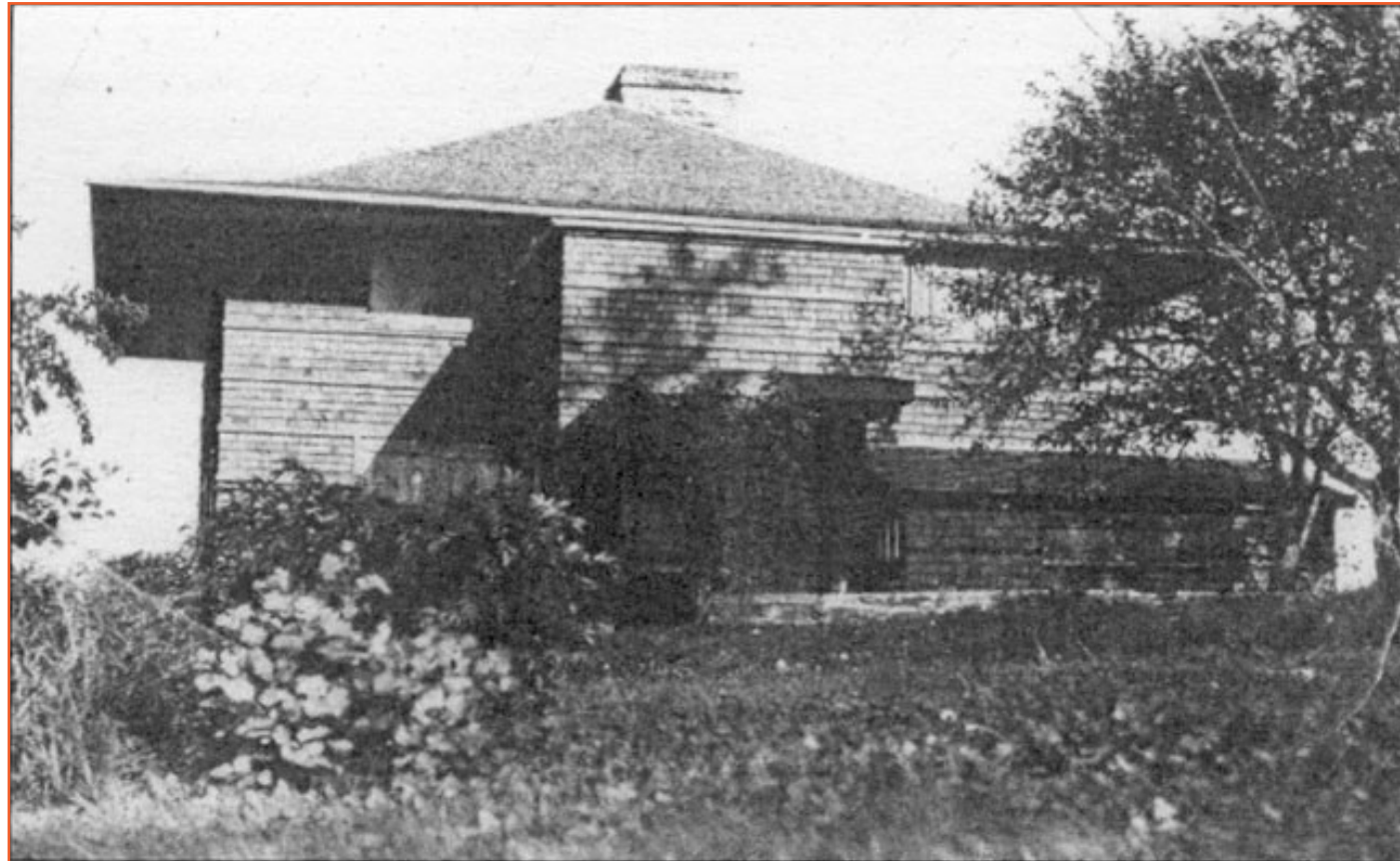
Timeline of Construction and Alterations

Tan-Y-Deri Comprehensive Restoration 400-1001 Project

LINE COLOR LEGEND

- TRANSFER OF PROPERTY
- DURING FRANK LLOYD WRIGHT'S LIFETIME
- AFTER FRANK LLOYD WRIGHT'S LIFETIME
- NOTES ON STRUCTURAL DIFFERENCE BETWEEN PHOTOS

1932-33
FLLW STARTS THE
TALIESIN FELLOWSHIP



#1887



#2046

1930

1940

Timeline of Construction and Alterations

12/8/2010
Drawn by Simón De Agüero
Copyright Frank Lloyd Wright Foundation

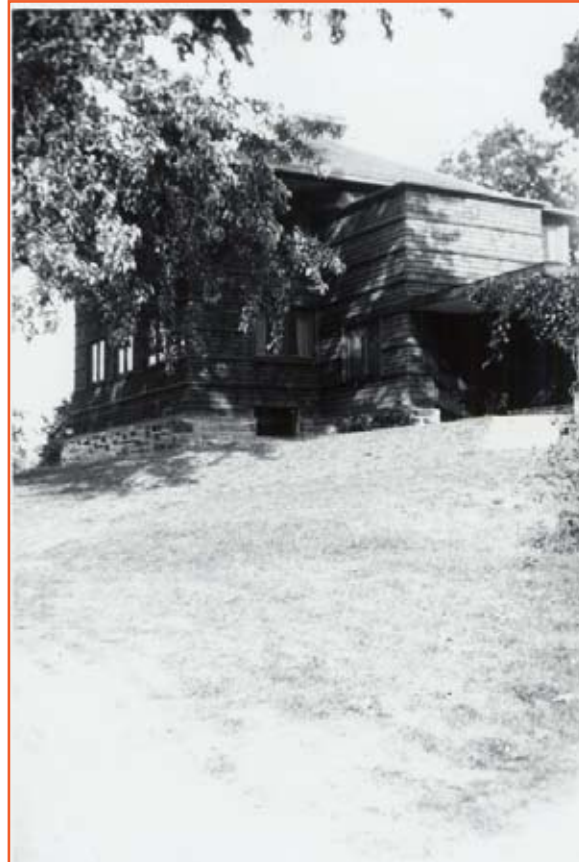
Tan-Y-Deri Comprehensive Restoration 400-1001 Project

1932-35
UNDATED LETTER FROM JANE TO FLLW DESCRIBING THE ELABORATE REMODEL. DRAWINGS ARE PREPARED BY FORMER APPRENTICE WILLIAM BEYE FYFE.

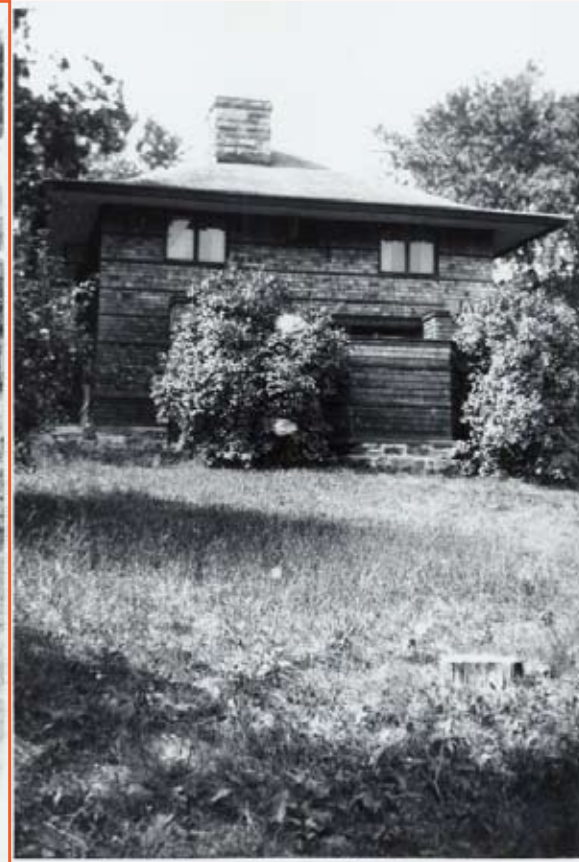
1937
MAJOR CHANGES TO TAN-Y-DERI UNDER WAY. BASEMENT IS EXPANDED TO BE KITCHEN AND LIVING ROOM AS THE MAIN FLOOR KITCHEN IS CHANGED TO A BED AND BATH ROOM. THE PREVIOUS DINING ROOM BECAME AN OFFICE FOR JANE.

LINE COLOR LEGEND

- TRANSFER OF PROPERTY
- DURING FRANK LLOYD WRIGHT'S LIFETIME
- AFTER FRANK LLOYD WRIGHT'S LIFETIME
- NOTES ON STRUCTURAL DIFFERENCE BETWEEN PHOTOS



#2578



#2579



#2580



#1891

1930

1940

ALL#: VEGETATION IN BOTH FRONT AND BACK IS GROWING ON THE STRUCTURE. THE WOOD WALL ON THE NORTH ELEVATION GONE.

#1891: EXISTING SLAB IS ALONG THE EAST ELEVATION. STONE WALL OFF OF THE EAST ELEVATION IS PRESENT.

Timeline of Construction and Alterations

Tan-Y-Deri Comprehensive Restoration 400-1001 Project

LINE COLOR LEGEND

- TRANSFER OF PROPERTY
- DURING FRANK LLOYD WRIGHT'S LIFETIME
- AFTER FRANK LLOYD WRIGHT'S LIFETIME
- NOTES ON STRUCTURAL DIFFERENCE BETWEEN PHOTOS

1937-40
REMODELING WORK
CAME TO A CONCLUSION
THE SUMMER OF 1939



#1872

1938-41
PORTERS RECEIVED
ELECTRICITY 1939



#2589

1930

1940

Timeline of Construction and Alterations

Tan-Y-Deri Comprehensive Restoration 400-1001 Project

LINE COLOR LEGEND

- TRANSFER OF PROPERTY
- DURING FRANK LLOYD WRIGHT'S LIFETIME
- AFTER FRANK LLOYD WRIGHT'S LIFETIME
- NOTES ON STRUCTURAL DIFFERENCE BETWEEN PHOTOS

1940
THE HEIGHT OF
PORTERS ACTIVITY?



#1873



#858



#1876

1940

#858: A PORTION OF THE NORTH DECK WAS COVERED AND SCREENED. GARAGE/STABLE IS VISIBLE TO THE SOUTH VEGETAION IS MOSTLY GRASS.

Timeline of Construction and Alterations

12/8/2010
Drawn by Simón De Agüero
Copyright Frank Lloyd Wright Foundation

Tan-Y-Deri Comprehensive Restoration 400-1001 Project

LINE COLOR LEGEND

- TRANSFER OF PROPERTY
- DURING FRANK LLOYD WRIGHT'S LIFETIME
- AFTER FRANK LLOYD WRIGHT'S LIFETIME
- NOTES ON STRUCTURAL DIFFERENCE BETWEEN PHOTOS

1956
SCREEN PORCH ON
WEST ELEVATION

MID-1950'S

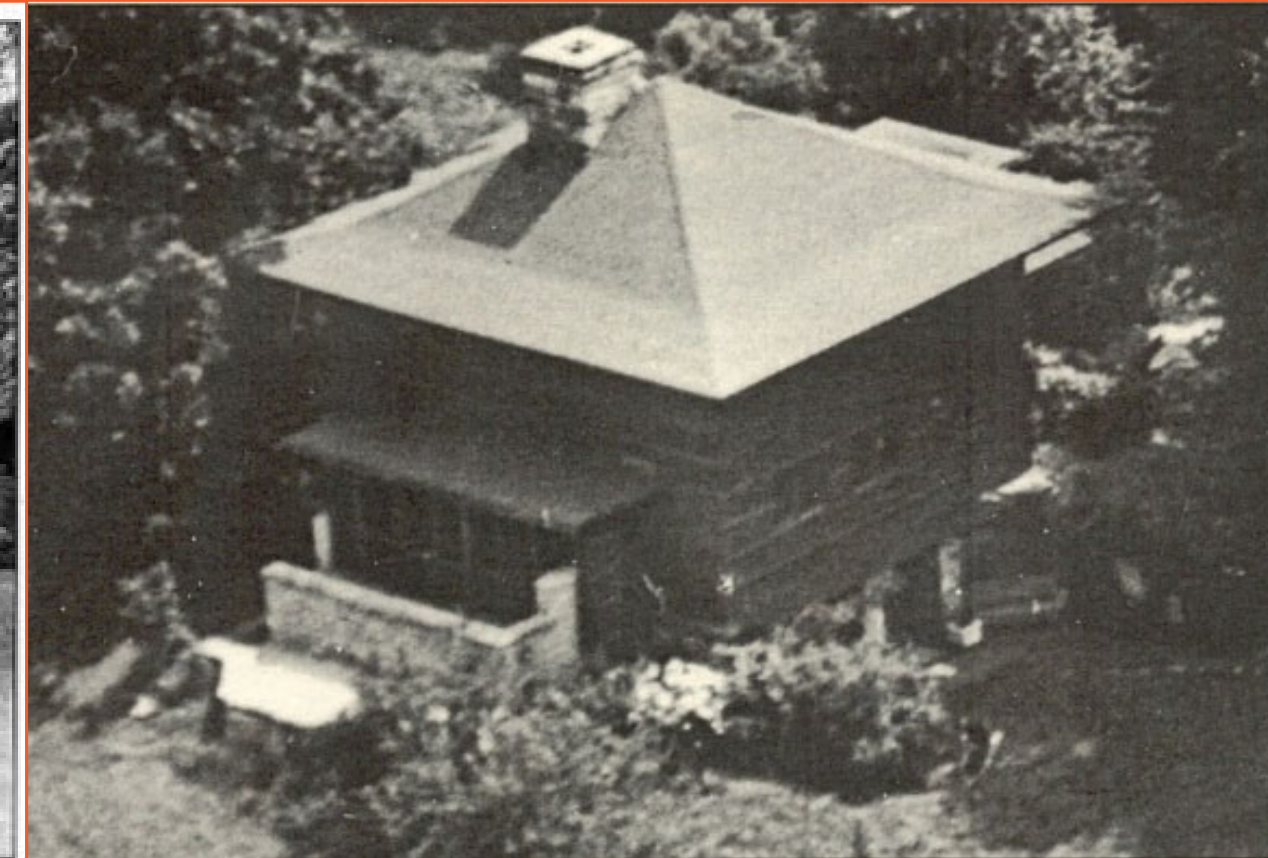
1952
FLLW OFFERS TO BUY
TAN-Y-DERI BUT
FRANKLIN REFUSES

1954
A DOCUMENT WAS
DRAFTED FOR FLLW'S
PURCHASE

1946
ACCESS ROAD NOT
USABLE FOR 2 YEARS



#1699



#1877

1940 1950

1960

#1699: IN 1956
ARNOLD ROY
SCREENED IN THE
BASEMENT ENTRY
#1877: MID 1950'S
THE DECK WAS
REMOVED AND A
STONE WALL WAS
BUILT WITH AND
ENTRY ADD ON THE
NORTH ELEVATION.

Timeline of Construction and Alterations

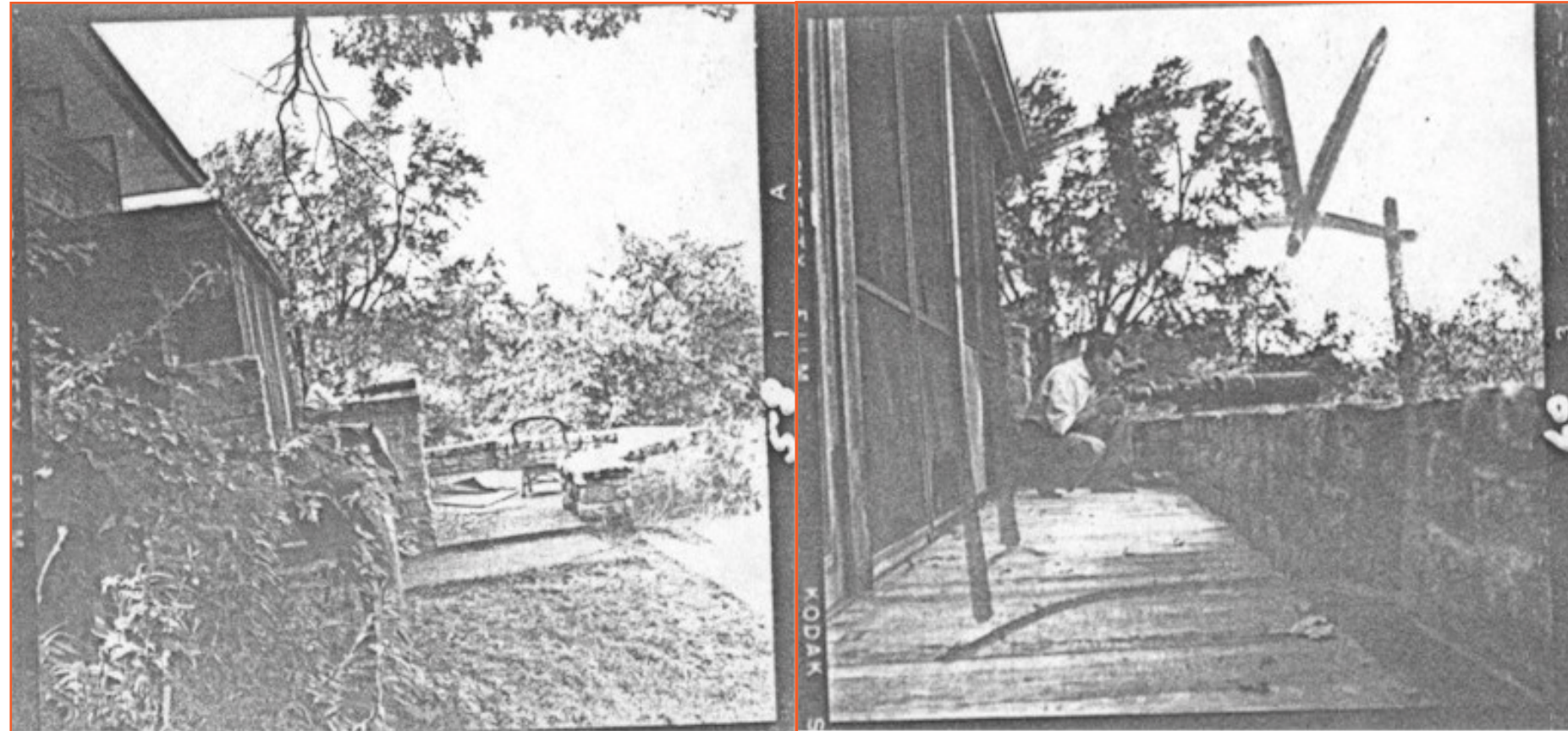
Tan-Y-Deri Comprehensive Restoration 400-1001 Project

LINE COLOR LEGEND

- TRANSFER OF PROPERTY
- DURING FRANK LLOYD WRIGHT'S LIFETIME
- AFTER FRANK LLOYD WRIGHT'S LIFETIME
- NOTES ON STRUCTURAL DIFFERENCE BETWEEN PHOTOS

1957
SCREEN PORCH ON
NORTH ELEVATION

1959
FRANK LLOYD WRIGHT
DIES IN ARIZONA



#2939

#2940

1960's
STAIRS IN THE BACK
WERE ADDED.

1950

1955
FLLW BUYS TAN-Y-DERI

1960

Timeline of Construction and Alterations

Tan-Y-Deri Comprehensive Restoration 400-1001 Project

LINE COLOR LEGEND

- TRANSFER OF PROPERTY
- DURING FRANK LLOYD WRIGHT'S LIFETIME
- AFTER FRANK LLOYD WRIGHT'S LIFETIME
- NOTES ON STRUCTURAL DIFFERENCE BETWEEN PHOTOS

1980's
THE STABLE/GARAGE



#144

1973
TAN-Y-DERI WAS LISTED
ON THE NATIONAL
REGISTER OF HISTORIC
PLACES

1976
TAN-Y-DERI WAS
GRANTED NATIONAL
HISTORIC LANDMARK

1977
CHAIRS WERE
RETURNED TO THE OAK
PARK HOME AND STUDIO

1999-2002
ISTHMUS HISTORIC
STRUCTURES REPORT
AND STABILIZATION

1970

1980

1990

2000

#144: THE STONE
WALL THAT IS STILL
CURRENTLY THERE
IS TO THE RIGHT
AND AT SOME
POINT AFTER THIS
PHOTO THE STONE
FOUNDATION WAS
REMOVED.

Timeline of Construction and Alterations

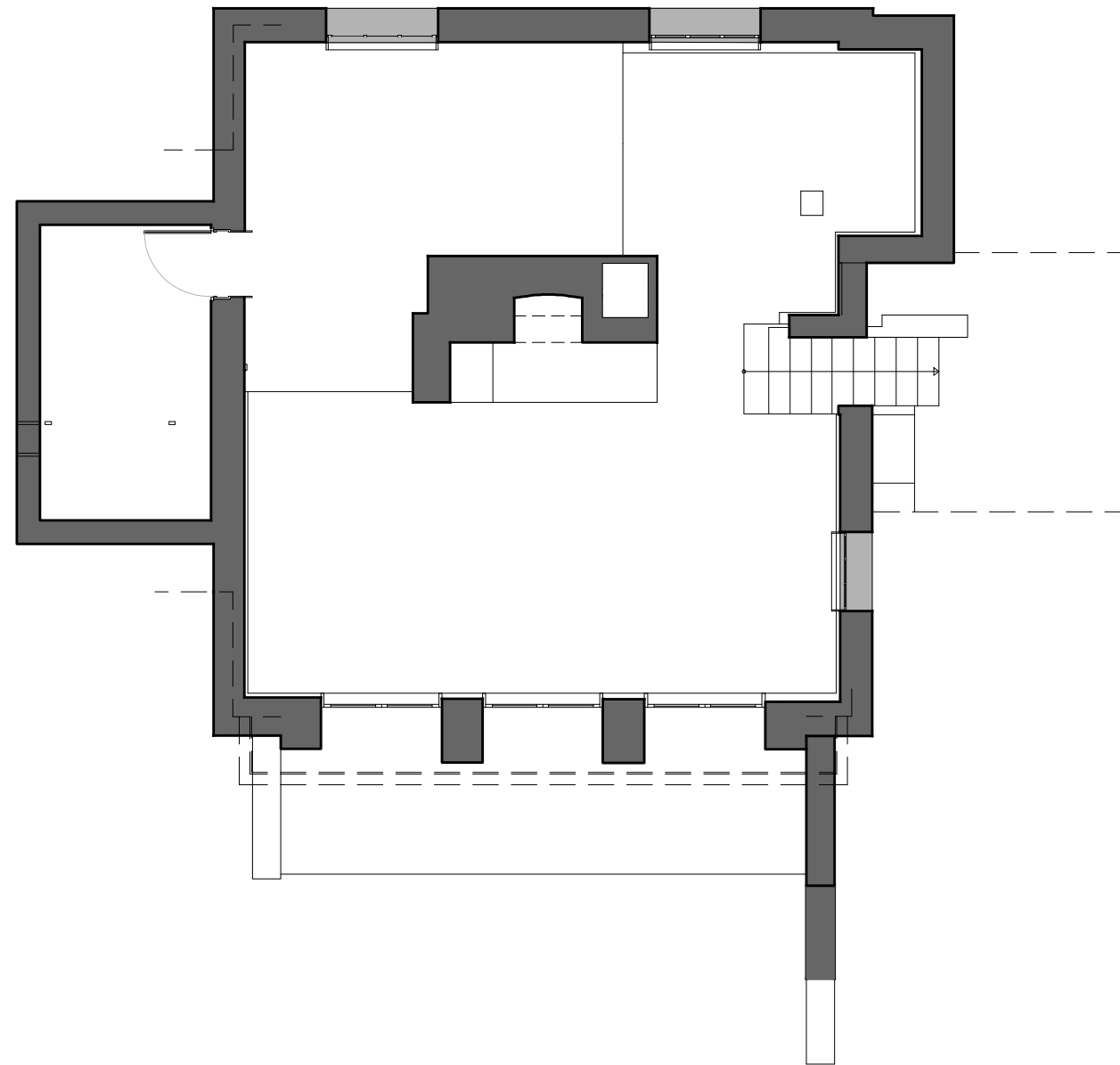
Tan-Y-Deri
Comprehensive
Restoration Project
400-1001

TALIESIN
PRESERVATION INC.

5807 COUNTY HWY. C
SPRING GREEN, WI, 53588

APPROVED BY:

NOTES: AS BUILT DRAWINGS



DATE: 1/9/2011

SCALE: 1/8" = 1'

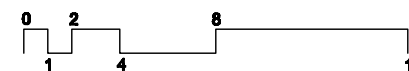
DRAWN BY: MOHAMID MIRMIRAN

REVISED BY: SIMON DE AGUERO

BASEMENT FLOOR PLAN

SHEET NUMBER:

A-1.1



**Tan-Y-Deri
Comprehensive
Restoration Project
400-1001**

**TALIESIN
PRESERVATION INC.**

5007 COUNTY HWY. C
SPRING GREEN, WI, 53588

APPROVED BY:

NOTES: AS BUILT DRAWINGS

DATE: 1/9/2011

SCALE: 1/8" = 1'

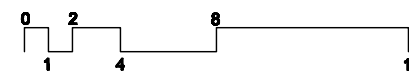
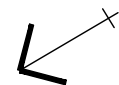
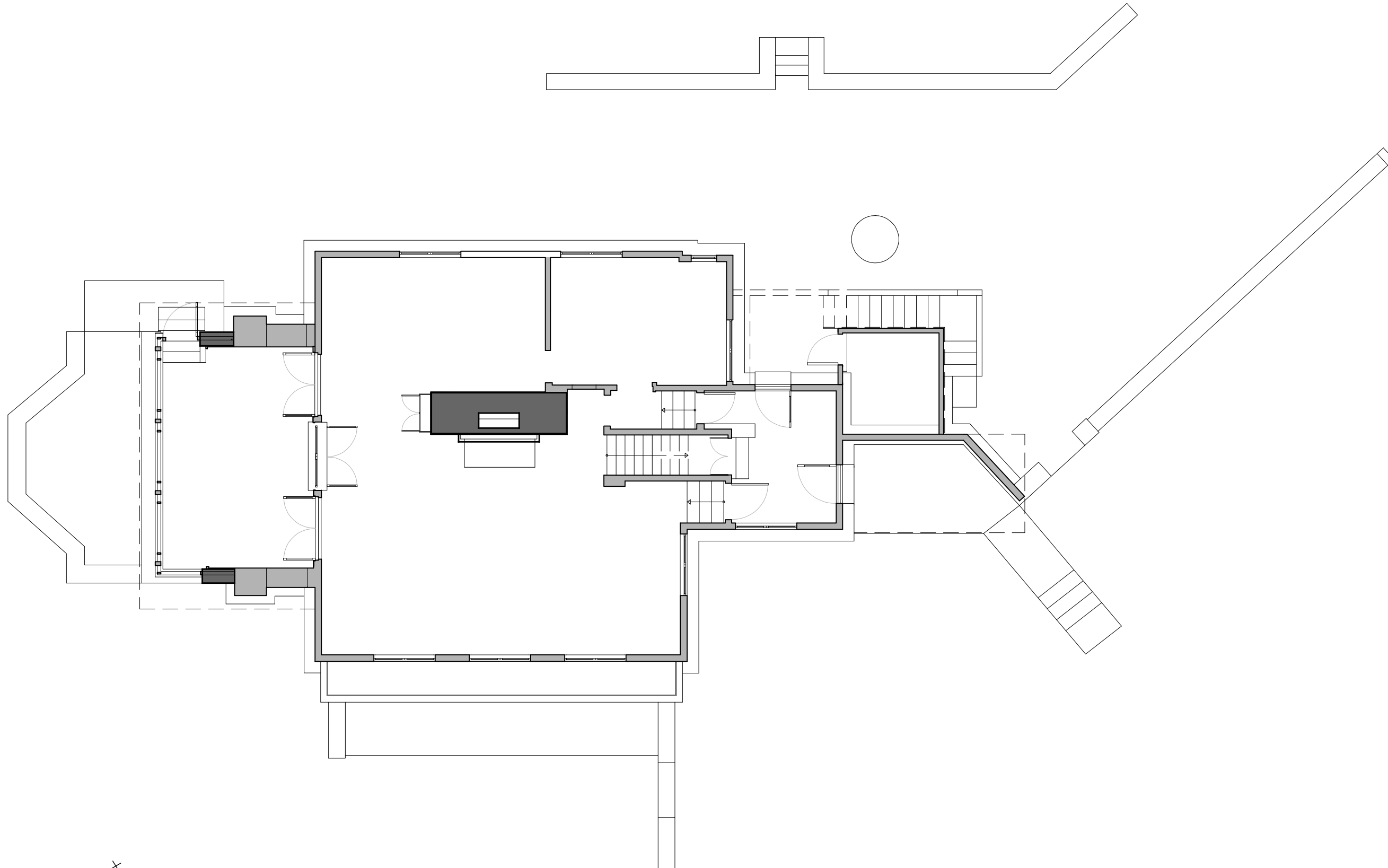
DRAWN BY: MOHAMID MIRMIAN

REVISED BY: SIMON DE AGUERO

MAIN FLOOR PLAN

SHEET NUMBER:

A-1.2



**Tan-Y-Deri
Comprehensive
Restoration Project
400-1001**

**TALIESIN
PRESERVATION INC.**

5807 COUNTY HWY. C
SPRING GREEN, WI, 53588

APPROVED BY:

NOTES: AS BUILT DRAWINGS

DATE: 1/9/2011

SCALE: 1/8" = 1'

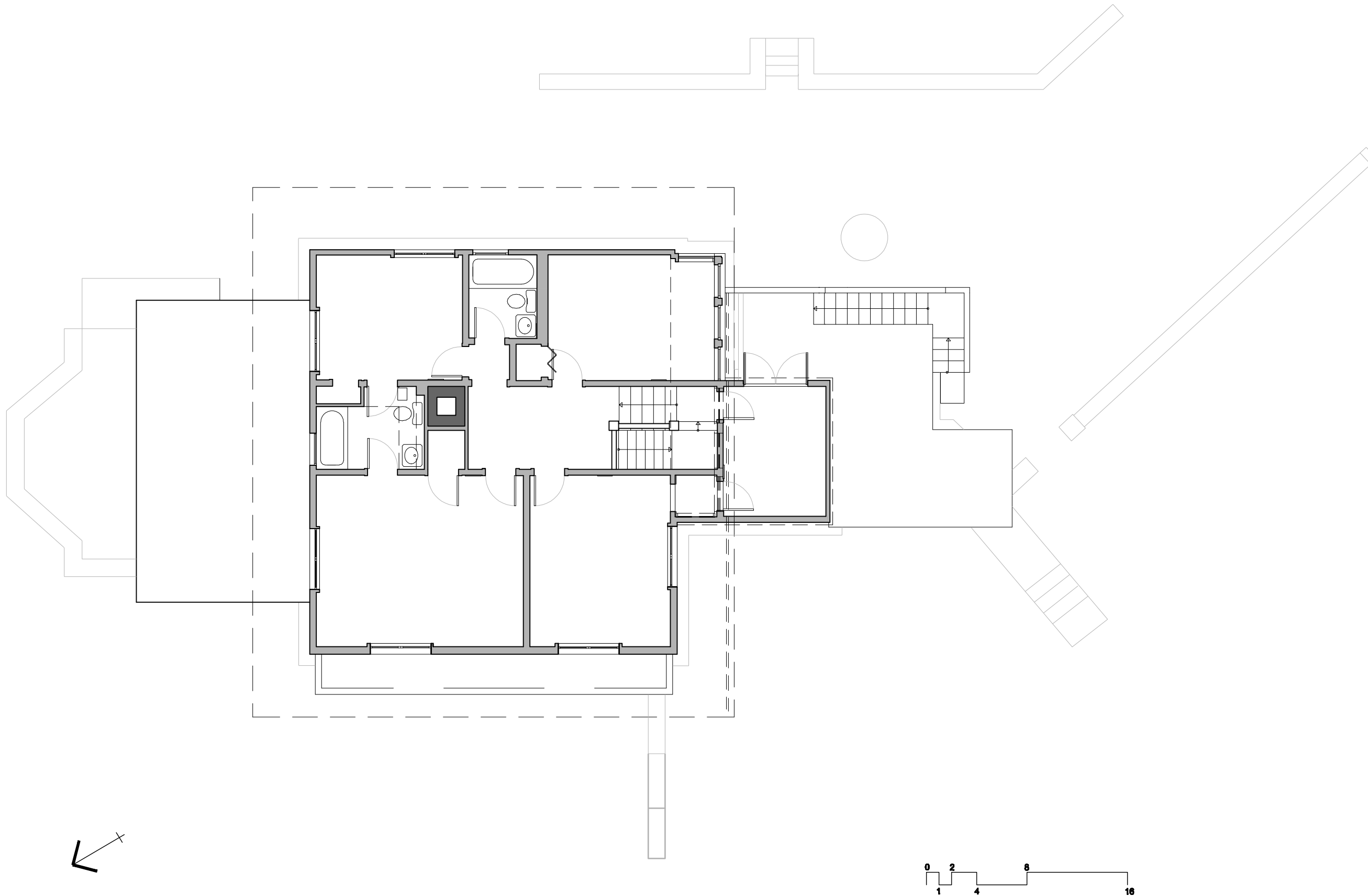
DRAWN BY: MOHAMID MIRMIRAN

REVISED BY: SIMON DE AGUERO

SECOND FLOOR PLAN

SHEET NUMBER:

A-1.3



Tan-Y-Deri
Comprehensive
Restoration Project
400-1001

TALIESIN
PRESERVATION INC.

5807 COUNTY HWY. C
SPRING GREEN, WI, 53588

APPROVED BY:

NOTES: AS BUILT DRAWINGS

DATE: 1/9/2011

SCALE: 1/8" = 1'

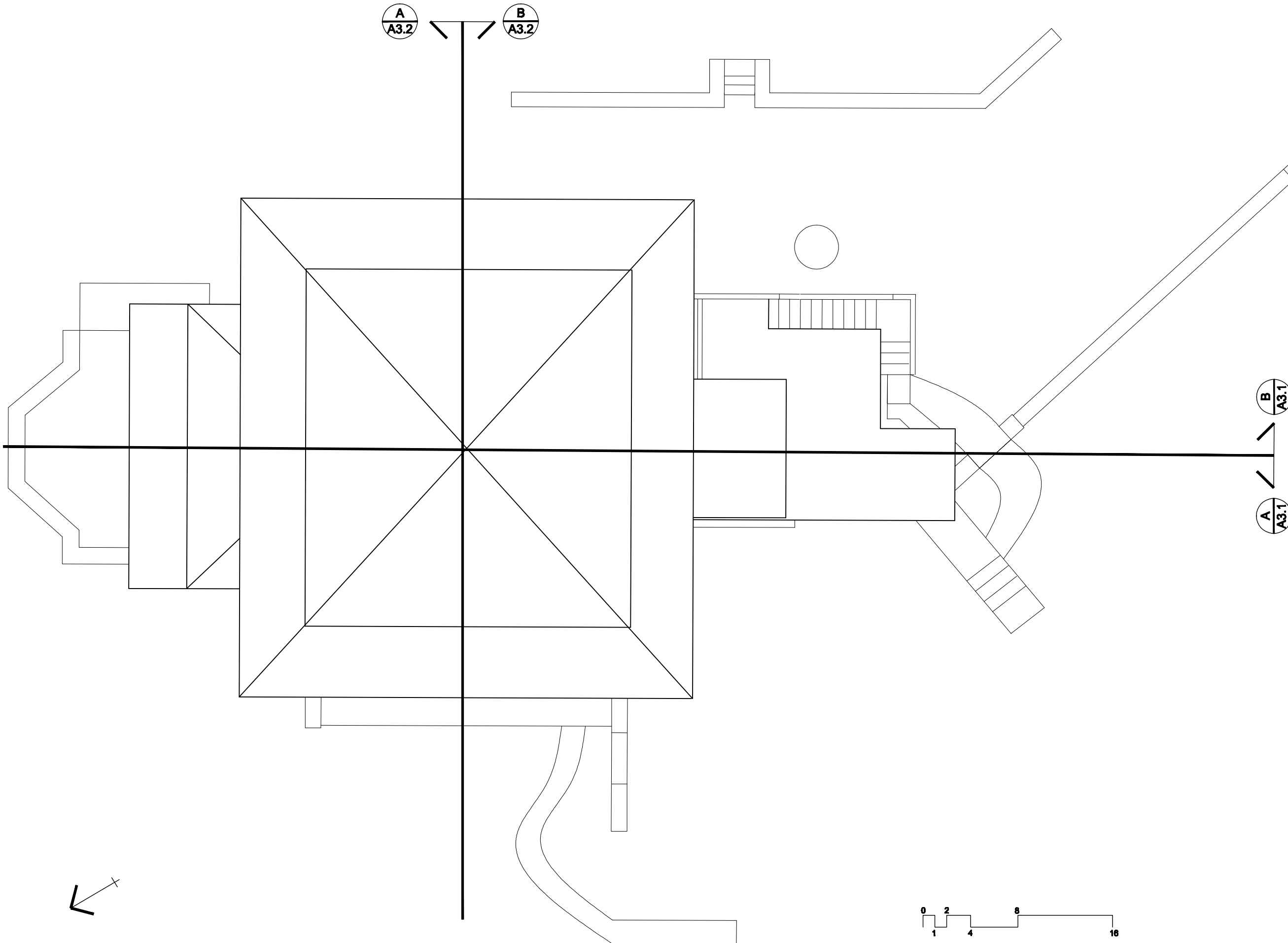
DRAWN BY: MOHAMID MIRMIRAN

REVISED BY: SIMON DE AGUERO

ROOF FRAMING PLAN

SHEET NUMBER:

A-1.5



Tan-Y-Deri
Comprehensive
Restoration Project
400-1001

TALIESIN
PRESERVATION INC.
5807 COUNTY HWY. C
SPRING GREEN, WI, 53588

APPROVED BY:

NOTES: AS BUILT DRAWINGS

DATE: 1/8/2011

SCALE: 1/8" = 1'

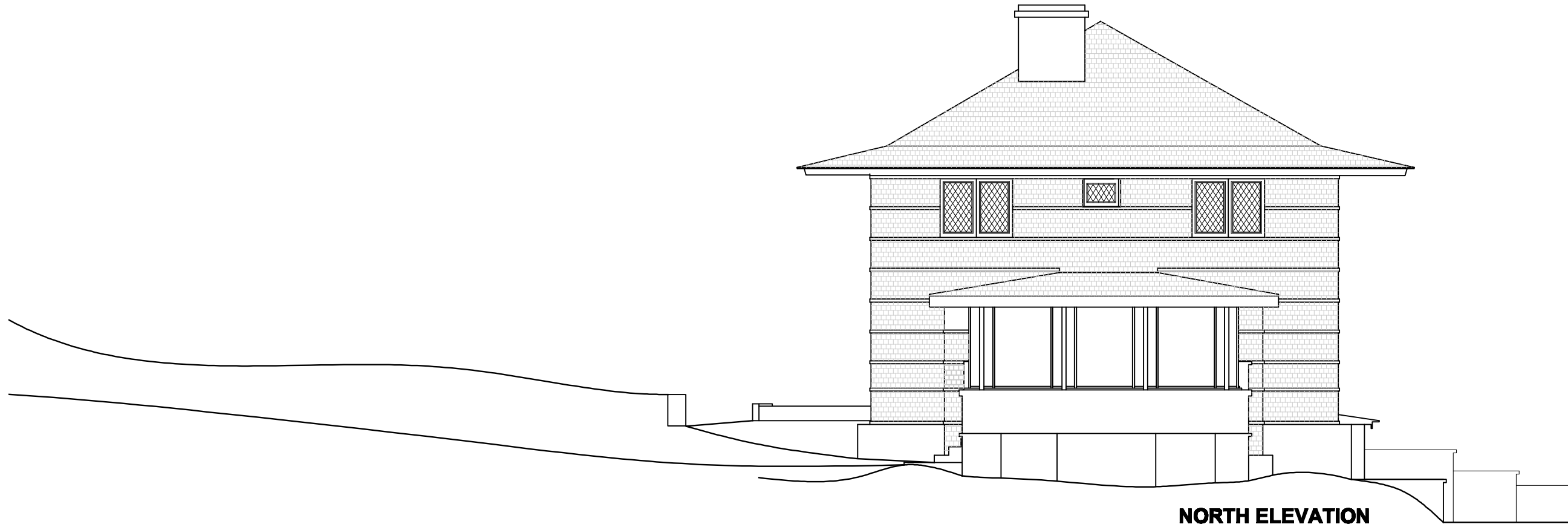
DRAWN BY: MOHAMID MIRMIRAN

REVISED BY: SIMON DE AGUERO

ELEVATIONS

SHEET NUMBER:

A-2.1



**Tan-Y-Deri
Comprehensive
Restoration Project
400-1001**

**TALIESIN
PRESERVATION INC.**

5807 COUNTY HWY. C
SPRING GREEN, WI, 53588

APPROVED BY:

NOTES: AS BUILT DRAWINGS

DATE: 1/9/2011

SCALE: 1/8" = 1'

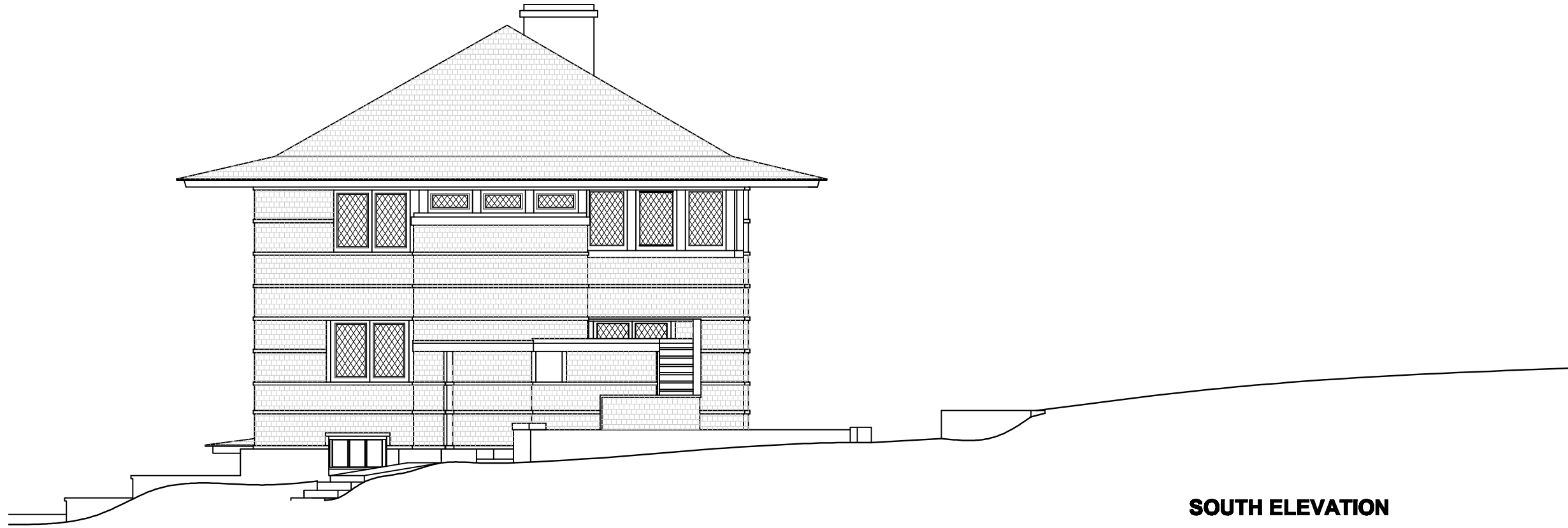
DRAWN BY: MOHAMID MIRMIRAN

REVISED BY: SIMON DE AGUERO

ELEVATIONS

SHEET NUMBER:

A-2.2



SOUTH ELEVATION



EAST ELEVATION

Tan-Y-Deri
Comprehensive
Restoration Project
400-1001

TALIESIN
PRESERVATION INC.
5807 COUNTY HWY. C
SPRING GREEN, WI, 53588

APPROVED BY:

NOTES: AS BUILT DRAWINGS

DATE: 1/9/2011

SCALE: 1/8" = 1'

DRAWN BY: MOHAMID MIRMIRAN

REVISED BY: SIMON DE AGUERO

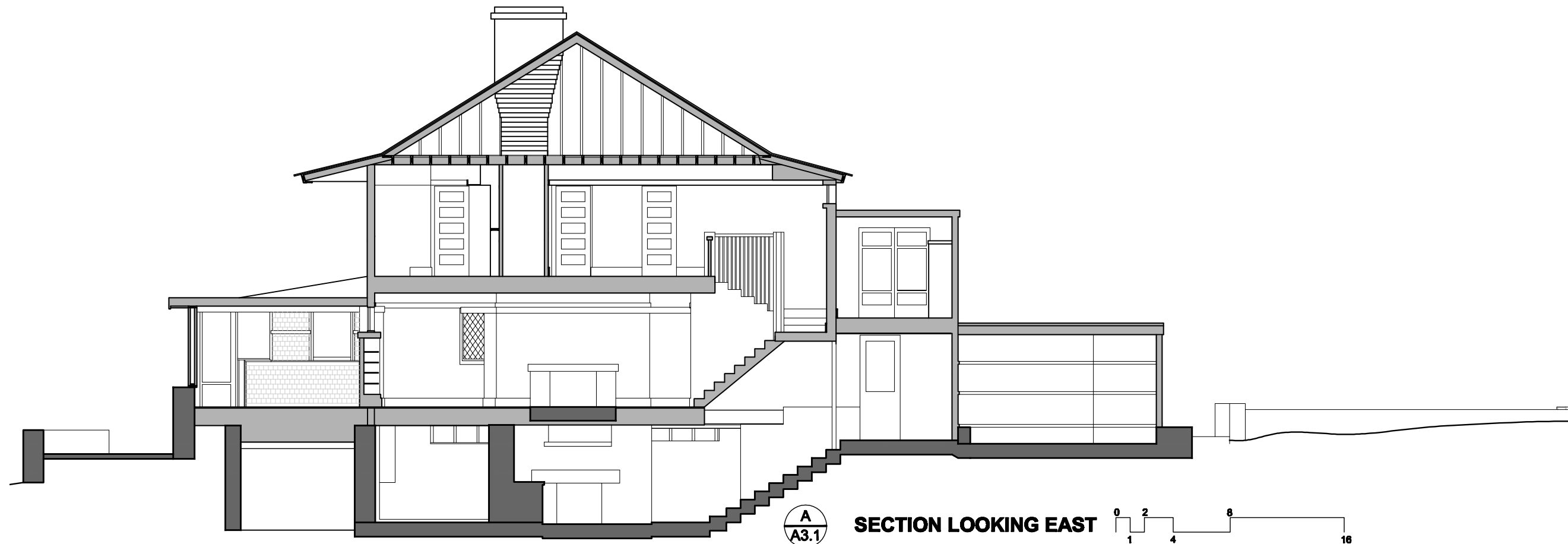
NORTH/SOUTH SECTIONS

SHEET NUMBER:

A-3.1



SECTION LOOKING WEST



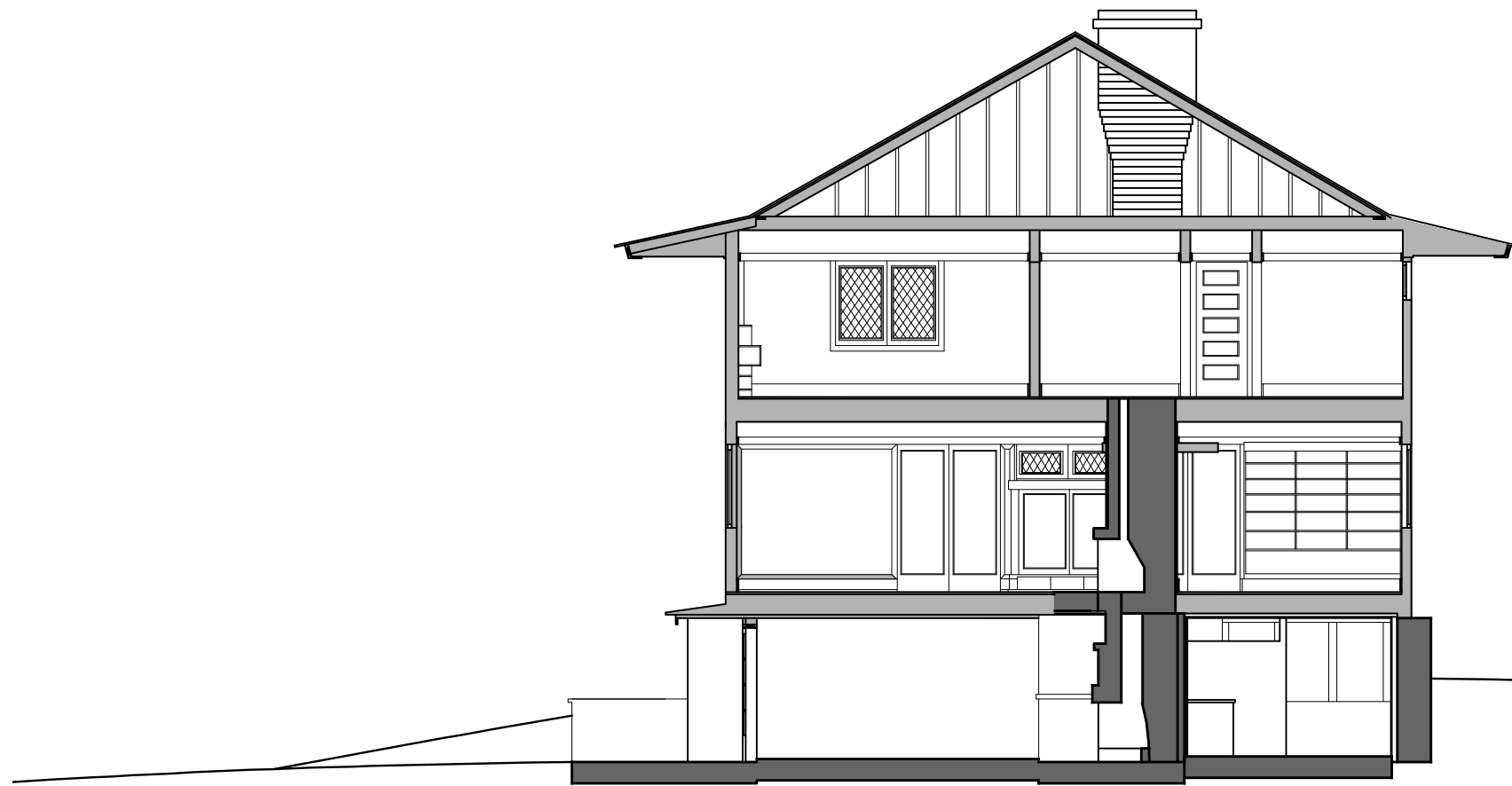
SECTION LOOKING EAST

Tan-Y-Deri
Comprehensive
Restoration Project
400-1001

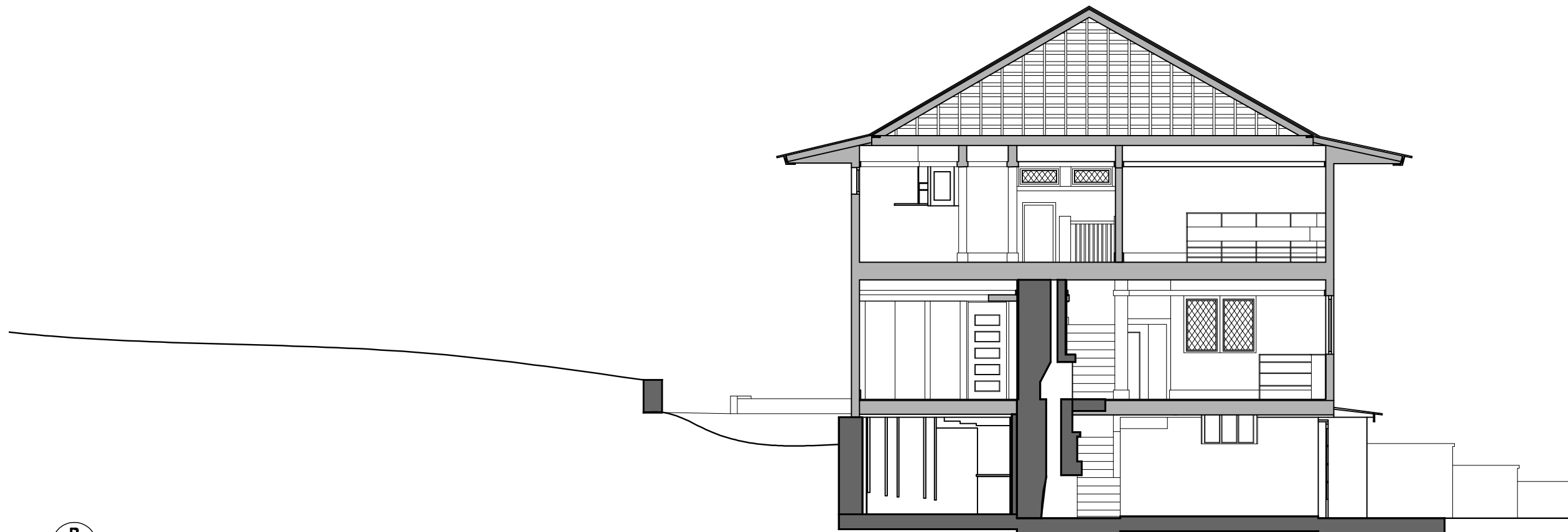
TALIESIN
PRESERVATION INC.
5807 COUNTY HWY. C
SPRING GREEN, WI, 53588

APPROVED BY:

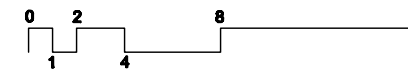
NOTES: AS BUILT DRAWINGS



A
A3.2 SECTION LOOKING NORTH



B
A3.2 SECTION LOOKING SOUTH



DATE: 1/9/2011
SCALE: 1/8" = 1'
DRAWN BY: MOHAMID MIRMIRAN
REVISED BY: SIMON DE AGUERO

EAST/WEST SECTIONS

SHEET NUMBER:

A-3.2