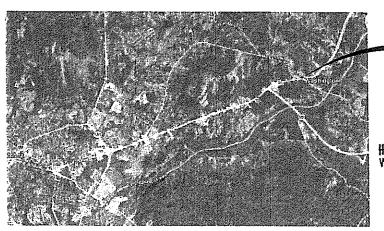




Historic Jefferson College Structural Repairs and Drainage Washington, Mississippi for Mississippi Pepartment of Archives and History

Robert Parker Adams, Architect, P.A.

219 NORTH LAMAR STREET
JACKSON, MS 39201
PHONE NO. 1-601-948-7722
PROJECT NUMBER: 1503 JCRS
ISSUE DATE: 5/15/15



Historic Jefferson College Washington, Mississippi

Historic Jefferson College Washington, Mississippi

Area Map

Vicinty Map

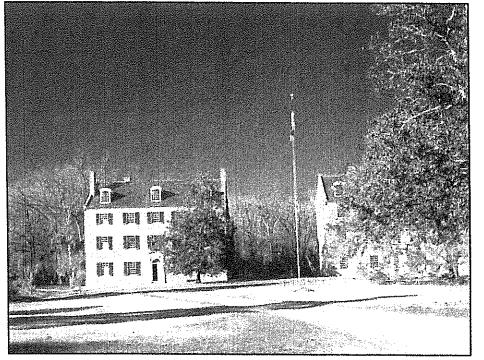
Civil

Sheet Cl.O - Site Improvement Plan, Notes & Legend Sheet CZ.O -Sections & Petalis Chart CA.O - Carting & Republic limeinral

Sheet S.1.1 - General Notes
Sheet S.2.1 - Fresident's House Foundation Plan
Sheet S.2.2 - Fresident's House From Hoor Plan
Sheet S.3.1 - Fast Wing Second Floor Framing Plan
Sheet S.3.2 - Fast Wing Third Floor Framing Plan
Sheet S.3.2 - Fast Wing Attle Framing Plan
Sheet S.3.4 - Fast Wing Roof Framing Plan
Sheet S.3.5 - Fast Wing Repair Details
Sheet S.3.6 - Fast Wing Repair Details
Sheet S.4.1 - West Wing Roof Framing Plan
Sheet S.4.2 - West Wing Artile Framing Plan
Sheet S.4.3 - West Wing Artile Framing Plan
Sheet S.4.3 - West Wing Roof Framing Plan
Sheet S.4.4 - West Wing Roof Framing Plan

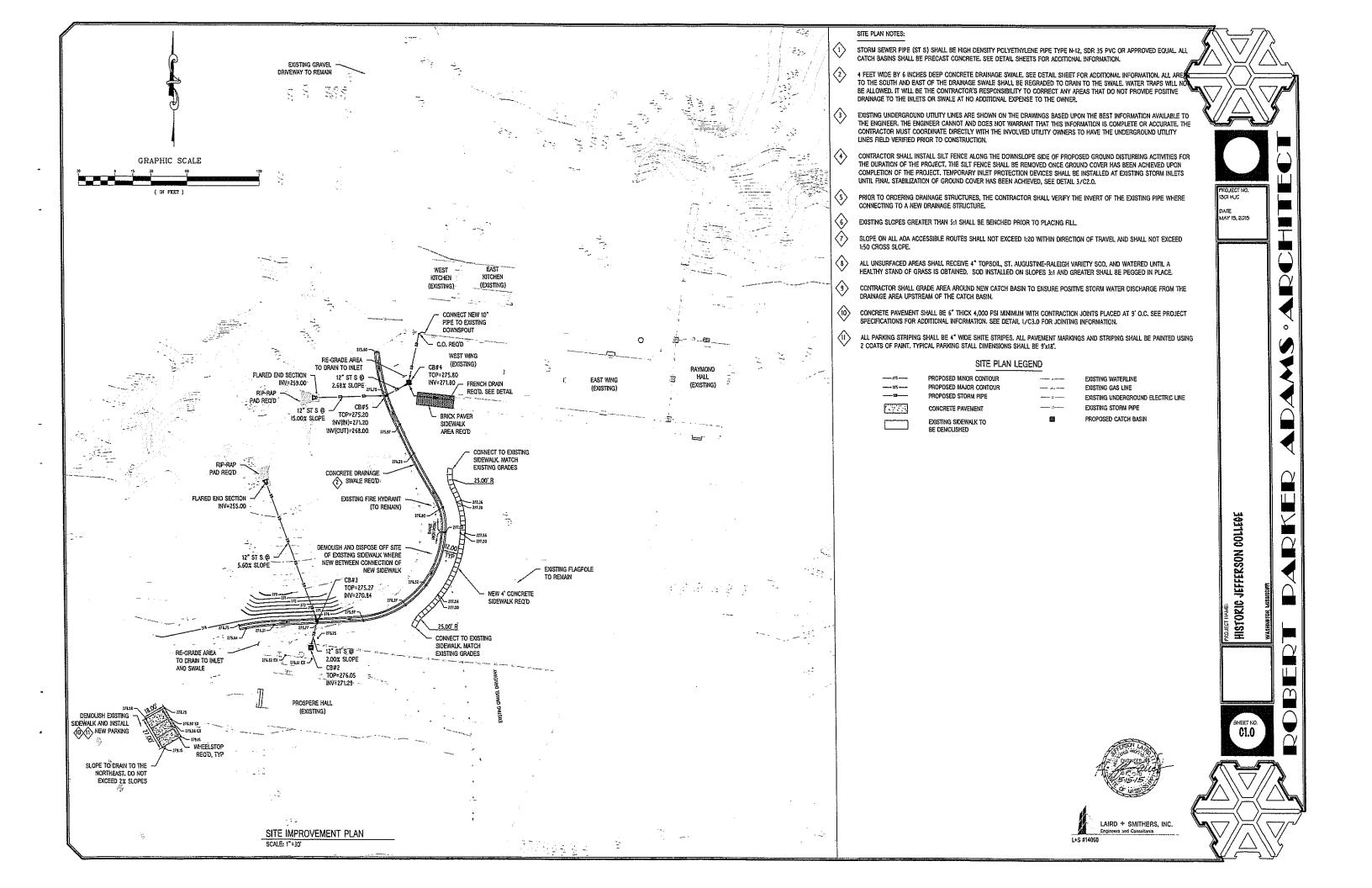
Consultants

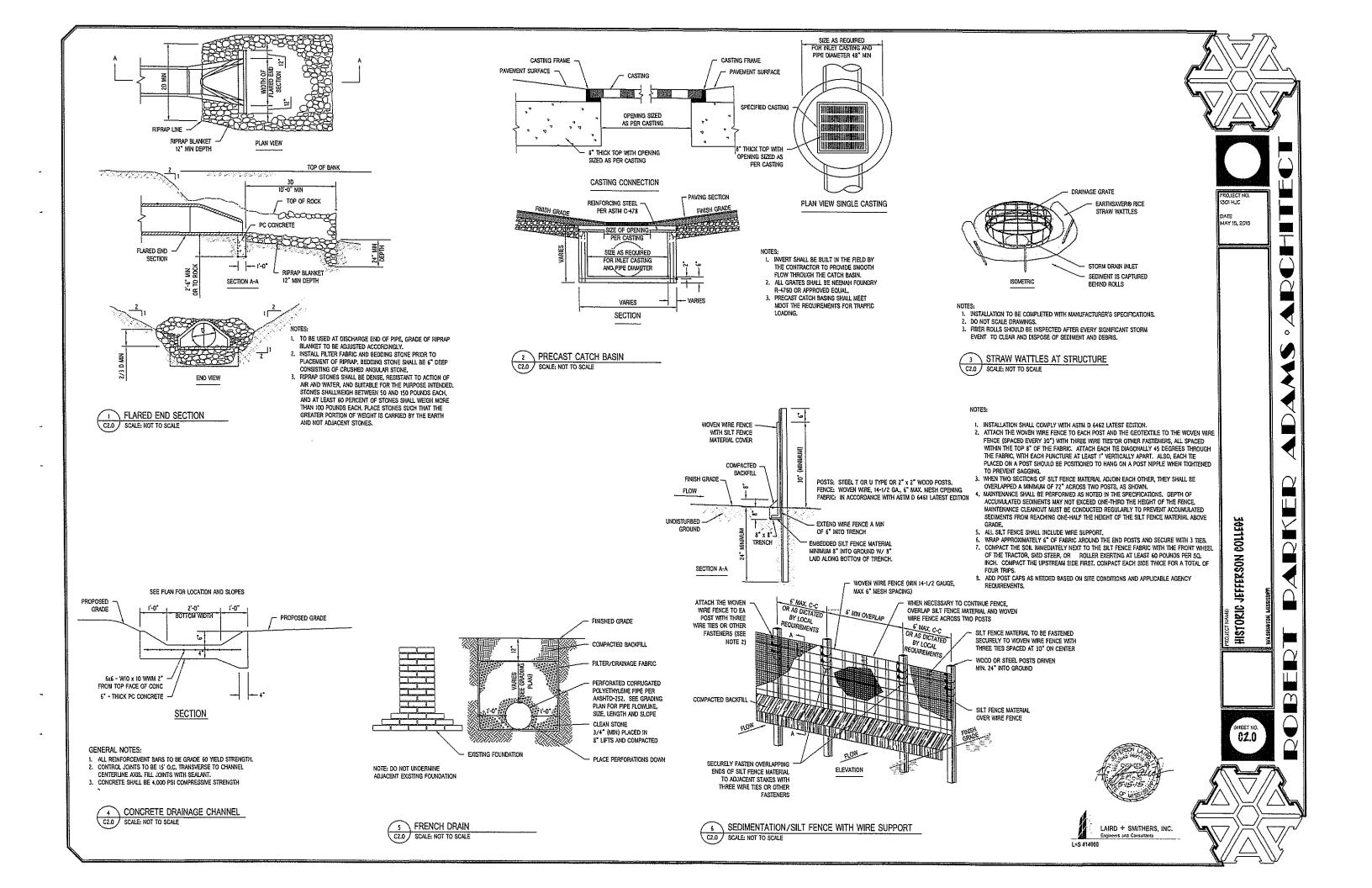
CAN & Structural: Labra + Smithern, Inc. P.O. Rec. 562 Leckson, IAS 59705 601-916-1547 Contractor shall note that the building has been designated by the State of Mississippl through the Pepartment of Archives and listory as a Mississippl Landmark and that all work should be in accordance with the Mississippi Antiques Law 193-007-et, al. of the Mississippi Code, 1971, as amended and the Secretary of the Interior's Standards for the Treatment of Historic Properties.

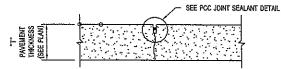


Historic Photo of Jefferson College



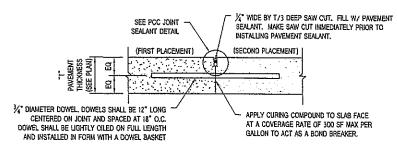




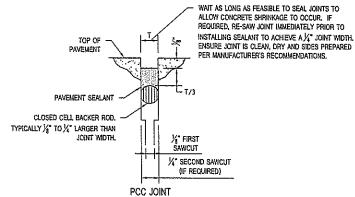


NOTE: SEE PLAN FOR JOINT SPACING, IF JOINTS ARE NOT SHOWN ON THE PLANS, REFER TO THE SPECIFICATIONS FOR JOINT SPACING

CONTRACTION JOINT



CONSTRUCTION JOINT



- NOTES:

 1. ENSURE JOINTS ARE CLEAN AND DRY PRIOR TO THE APPLICATION OF THE JOINT SEALANT.

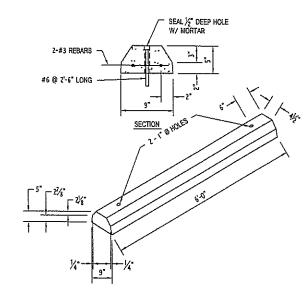
 2. INSTALL CLOSED CELL BACKER ROD AFTER JOINTS HAVE BEEN CLEANED AND DRIED IN ACCORDANCE WITH SEALANT. MANUFACTURER'S REQUIREMENTS.

 3. INSTALL BACKER ROD AT CONSISTENT AND UNIFORM DEPTH.

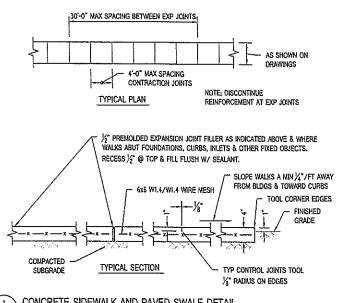
 4. JOINT SEALANT APPLICATION SHALL BE IN STRICT COMPLIANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS.

- 5. COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY (ASTM 598) PRIOR TO PLACING CONCRETE PAVEMENT.
 6. CONCRETE STRENGTH SHALL BE 4000 PSI MIN.





2 PRECAST WHEELSTOP C3.0 | SCALE: NOT TO SCALE



CONCRETE SIDEWALK AND PAVED SWALE DETAIL

C3.0 SCALE: NOT TO SCALE





HISTORIC JEFFERSON COLLEGE

PROJECT NO. 1301 HJC

DATE MAY 15, 2015



STRUCTURAL GENERAL NOTES

GENERAL NOTES:

1. CONTRACT DOCUMENTS

- A. THE STRUCTURAL DRAWINGS ARE PART OF THE CONTRACT DOCUMENTS AND DO NOT BY THEMSELVES PROVIDE ALL THE INFORMATION REQUIRED TO PROPERLY COMPLETE THE PROJECT STRUCTURE. THE GENERAL CONTRACTOR SHALL CONSULT THE OTHER DRAWINGS AND COORDINATE THE INFORMATION CONTAINED IN THESE DRAWINGS WITH THE STRUCTURAL DRAWINGS TO PROPERLY CONSTRUCT
- 8. BEFORE ORDERING ANY MATERIALS OR PERFORMING ANY WORK, THE CONTRACTOR SHALL VERIFY ALL MEASUREMENTS TO PROPERLY SIZE OR FIT THE WORK. NO EXTRA CHARGE OR COMPENSATION WILL BE ALLOWED BY THE OWNER RESULTING FROM THE CONTRACTOR'S FAILURE TO COMPLY WITH THIS REQUIREMENT.
- C. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH AFFECTED WORK.
- D. THE ENGINEER HAS PREPARED AND FURNISHED THESE CONTRACT DOCUMENTS TO THE OWNER FOR USE ON THIS PROJECT ONLY. THESE PROJECT DOCUMENTS SHALL NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ANY OTHER PROJECT. ANY REUSE OF THESE DRAWINGS, WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY THE ENGINEER, SHALL BE AT THE USER'S SOLE RISK AND THE USER SHALL. INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR
- 2. SECTIONS AND DETAILS ALL DETAILS, SECTIONS AND NOTES SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SWILAR SITUATIONS ELSEWHERE UNLESS OTHERWISE SHOWN,

A. THE CONTRACTOR SHALL FIELD VERIEV ALL DIMENSIONS REFORE REGINNING WORK ANY DISCREPANCY SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER AND WORK SHALL NOT BEGIN UNTIL DISCREPANCY IS RESOLVED.

4. ELECTRONIC DRAWINGS INDEMNIFICATION

- A. ELECTRONIC DRAWINGS MAY BE PROVIDED TO THE CONTRACTOR AS A COURTESY TO ASSIST THE CONTRACTOR IN THE WORK AND ARE NOT CONSIDERED PART OF THE CONTRACT DOCUMENTS. IF PROVIDED, THE CONTRACTOR AGREES TO USE THE ELECTRONIC FILES AT HIS OWN RISK.
- B. ELECTRONIC FILES ARE INTENDED FOR ONE-TIME USE IN THE WORK OF THIS PROJECT. THEY ARE AND SHALL REMAIN THE PROPERTY OF THE ENGINEER.
- C. THE CONTRACTOR AGREES, TO THE FULLEST EXTENT OF THE LAW, TO INDEMNIES AND HOLD HARMLESS THE ENGINEER FROM AND AGAINST ALL CLAIMS, LIABILITIES, LOSSES, DAMAGES, AND COSTS, INCLUDING BUT NOT LIMITED TO REASONABLE ATTORNEY FEES, ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE USE. MODIFICATION, MISINTERPRETATION, MISUSE OR REUSE OF ANY ELECTRONIC DRAWINGS PROVIDED BY THE ENGINEER UNDER THIS CONTRACT.

DESIGN CRITERIA:

- 1. GENERAL BUILDING CODE: INTERNATIONAL BUILDING CODE, 2003 EDITION
- A. OTHER CODES AND STANDARDS REFERENCED IN THE IBC 'D3 AND IN THE STRUCTURAL DRAWINGS SHALL BE CONSIDERED PART OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS TO THE PRESCRIBED EXTENT OF EACH REFERENCE.
- 2. DEAD LOADS:
- A. SELF WEIGHT OF STRUCTURE
- UVE LOADS:

D. SITE CLASS

	A. ROOF: B. FLOOR:	20 PSF 100 PSF
4.	GROUND SNOW LOAD;	s PSF
s.	WIND DESIGN:	
	A. 3-SECOND GUST WIND SPEED 8. IMPORTANCE FACTOR C. OCCUPANCY CATEGORY D. EXPOSURE CATEGORY E. INTERNAL PRESSURE COEFFICIENT	90 MPH 1.0 II B ±0.18
7.	EARTHQUAKE DESIGN:	
	A. IMPORTANCE FACTOR	10

B. MAPPED SPECTRAL ACCEL, - SHORT PERIOD, S. 0.192 C. MAPPED SPECTRAL ACCEL, - 1 SEC, PERIOD, S.

E. DESIGN SPECTRAL ACCEL. - SHORT PERIOD, S., F. DESIGN SPECTRAL ACCEL - 1 SEC. PERIOD, S.

CONCRETE:

- 1. ALL CONCRETE WORK SHALL CONFORM TO THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI318-02) AND AS MODIFIED BY IRC '03
- 2. CONCRETE SHALL ATTAIN THE FOLLOWING MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS:

SPREAD FOOTINGS.

- 3. PROVIDE ALL NECESSARY REINFORCING STEEL ACCESSORIES TO HOLD BARS IN PROPER
- 4. WHERE NOT SPECIFICALLY COVERED, REINFORCING SHALL BE DETAILED IN ACCORDANCE WITH ACI STANDARD 315.
- 5. PROVIDE CORNER BARS OF THE SAME SIZE AND NUMBER AS HORIZONTAL BARS AT ALL
- 6. UNLESS NOTED OTHERWISE, LAP ALL BARS AT CORNERS, SPLICES, AND INTERSECTIONS IN ACCORDANCE WITH CURRENT ACI 318 AND CRSI REQUIREMENTS. ALL HOOKS SHOWN IN REINFORCEMENT SHALL BE CRSI RECOMMENDED HOOKS UNLESS NOTED OTHERWISE
- FIELD WELDING OF REINFORCEMENT IS PROHIBITED.
- 8. SUBMIT REINFORCING SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.

REINFORCED MASONRY:

- 1. ALL MASONRY CONSTRUCTION SHALL COMPLY WITH ACI 530-05 ("BUILDING CODE REQUIREMENT FOR MASONRY STRUCTURES") & \$30.1-05 ("SPECIFICATIONS FOR MASONRY STRUCTURES").
- 2. CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90, TYPE 1, WITH COMPRESSIVE STRENGTH (FM) OF 1,500 PSI,
- 3. REINFORCEMENT IN MASONRY WALLS SHALL BE GRADE 60, ASTM A615.
- 4. GROUT SHALL BE HIGH SLUMP MIX HAVING A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI FROM FIELD OBTAINED TEST CUBES.
- 5, LAP ALL VERTICAL BARS 48 BAR CHAMETERS WITH WIRE TIES.
- 6. GROUT ALL CELLS CONTAINING VERTICAL REINFORCEMENT IN 5'-0" LIFTS (MAX), DO NOT PLACE GROUT UNTIL CELLS HAVE BEEN INSPECTED.
- 7. GROUT FILL ALL CELLS EXTENDING BELOW FINISHED GRADE.
- 8. PROVIDE HORIZONTAL JOINT REINFORCEMENT AT 32" ACROSS VERTICAL CONTROL JOINTS IN WALLS, AND AT 16" ACROSS VERTICAL CONTROL JOINTS IN BOND BEAMS. TOP AND BOTTOM REINFORCEMENT IN SPANDREL BEAMS SHALL BE CONTINUOUS ACROSS CONTROL JOINTS.
- 9. PROVIDE VERTICAL CONTROL JOINTS AT 24 FT (MAX), LOCATION OF JOINTS IN CMU SHALL MATCH LOCATIONS OF JOINTS IN BRICK BY ARCH, LOCATE BOND BEAM CONTROL
- 10. VERTICAL CELLS TO BE GROUT-FILLED SHALL HAVE VERTICAL ALIGNMENT SUFFICIENT TO MAINTAIN A CLEAR AND UNOBSTRUCTED AREA NOT LESS THAN TEN SQUARE INCHES AND A MINIMUM OF THREE INCHES ACROSS.
- 11. VERTICAL REINFORCEMENT SHALL BE HELD IN POSITION AT INTERVALS NOT GREATER
- 12. WHEN GROUTING IS STOPPED FOR ONE HOUR OR LONGER, HORIZONTAL CONSTRUCTION JOINTS SHALL BE FORMED BY STOPPING THE POUR OF GROUT NOT LESS THAN ONE-HALF INCH BELOW THE TOP OF THE UPPERMOST UNIT GROUTED,
- 13. WHERE LINTELS BEAR ON MASONRY WALLS, THEY SHALL BE PART OF A CONTINUOUS BOND SEAM COURSE OR ON GROUT-FILLED REINFORCED CORES.
- 14. UNLESS NOTED OTHERWISE, REINFORCEMENT IN WALLS SHALL BE PLACED IN THE CENTER OF THE WALL.
- 15. WHETHER OR NOT SHOWN ON THE DRAWINGS, ALL MASONRY WALLS SHALL BE REINFORCED WITH (1) #5 BAR VERTICAL AT EACH END, INTERSECTION AND AT EACH JAMB AND AT A MAXIMUM OF 48 INCHES ON CENTER ALONG THE LENGTH OF THE WALL ALL VERTICAL REINFORCED CELLS SHALL BE FILLED WITH GROUT.
- 16. ALL WALLS AT EACH FLOOR AND ROOF LEVEL SHALL RECEIVE A HORIZONTAL BOND BEAM WITH (2) #5 BARS CONTINUOUS

EXISTING MASONRY:

- I. ALL EXISTING MASONRY IN AREAS TO BE REPAIRED SHALL BE THOROUGHLY EXAMINED FOR DAMAGED MASONRY, MORTAR OR LOOSE AREAS OF MASONRY, ANY DAMAGED AREAS OF MASONRY SHALL BE REPAIRED OR PORTIONS OF THE WALL RE-LAYED PRIOR TO PERFORMING REPAIR WORK SHOWN IN THE CONTRACT DOCUMENTS
- 2. ALL EXISTING MASONRY WALLS TO BE RE-POINTED, REPAIRED, OR RE-LAYED SHALL USE NEW MORTAR THAT IS OF THE SAME STRENGTH AND COMPATIBLE WITH THE

WOOD FRAMING:

- 1. PREMANUFACTURED METAL PLATE CONNECTORS SHALL BE MANUFACTURED BY SIMPSON, OR EQUAL, AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S
- 2. DIMENSIONAL LUMBER SHALL BE CONSTRUCTED TO SHAPE AND SIZE AS SHOWN ON
- 3. DIMENSIONAL LUMBER SHALL BE OF SOUTHERN PINE, NO. 2 GRADE, MIN, UNLESS NOTED OTHERWISE ON DRAWINGS.
- 4. ALL PARALLAM MEMBERS SHALL BE 2.05 PARALLAM PSL BY WEYERHAEUSER, OR EQUAL, WITH Fb = 2,900 PSI AND E = 2.0x105 PSI.
- 5. ALL WOOD USED IN THE REPAIRS AND STRENGTHENING OF THE PRESIDENT'S HOUSE SHALL BE PRESERVATIVE-TREATED WOOD.
- 6. MINIMUM ALLOWABLE STRESSES SHALL BE AS SHOWN IN THE 2005 EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" FOR NO. 2 GRADE LUMBER OF SIZES AS SHOWN ON THE DRAWINGS.
- 7. FASTENERS FOR WOOD SHALL BE HOT-DIPPED ZINC-COATED GALVANIZED STEEL OR
- ALL EPOXY ANCHORS SHALL BE THREADED RODS AND EPOXY SHALL BE HILTI HY 20, OR APPROVED EQUAL. INSTALL AND TIGHTEN ANCHORS PER MANUFACTURER'S
- 9. STANDARD WASHERS SHALL BE PROVIDED FOR ALL LAG SCREWS SHOWN ON
- 10. ALL THRU BOLTS AND THREADED RODS SHALL CONFORM TO ASTM A193 GRADE B.

	SHEET LIST
SHEET	DESCRIPTION
S1,I	STRUCTURAL GENERAL NOTES
\$2,1	PRESIDENT'S HOUSE FOUNDATION PLAN
\$2.2	PRESIDENT'S HOUSE FIRST FLOOR PLAN
\$3.1	EAST WING SECOND FLOOR FRAMING PLAN
\$3.2	EAST WING THIRD FLOOR FRAMING PLAN
\$3.3	EAST WING ATTIC FRAMING PLAN
\$3.4	EAST WING ROOF FRAMING PLAN
\$3.5	EAST WING ELEVATIONS
\$3.6	EAST WING REPAIR DETAILS
\$4.1	WEST WING SECOND FLOOR FRAMING PLAN
\$4.2	WEST WING THIRD FLOOR FRAMING PLAN
S4.3	WEST WING ATTIC FRAMING PLAN
\$4.4	WEST WING ROOF FRAMING PLAN
\$4.5	WEST WING ELEVATIONS
\$4.6	WEST WING REPAIR DETAILS

ALL ITEMS INCLUDED IN THESE DRAWINGS SHALL BE INCLUDED IN THE BASE BID UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS AND ELEVATIONS.

ADD ALTERNATE NO. 1 WILL INCLUDE ITEMS IN THE EAST WING AS NOTED ON SHEETS S3.1 THRU S3.6.

ADD ALTERNATE NO. 2 WILL INCLUDE ITEMS IN THE WEST WING AS NOTED ON SHEETS \$4.1 THRU \$4.6.

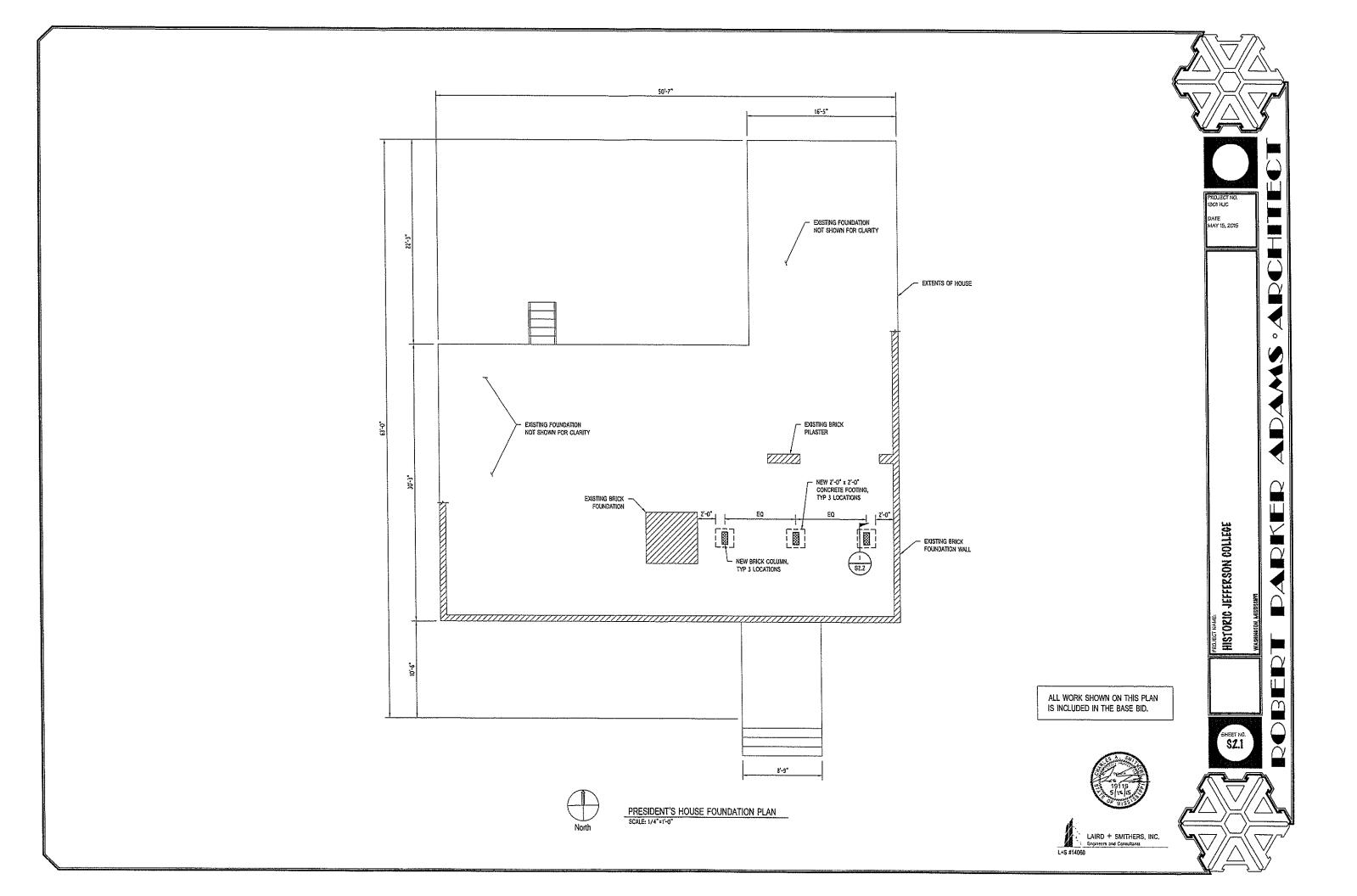


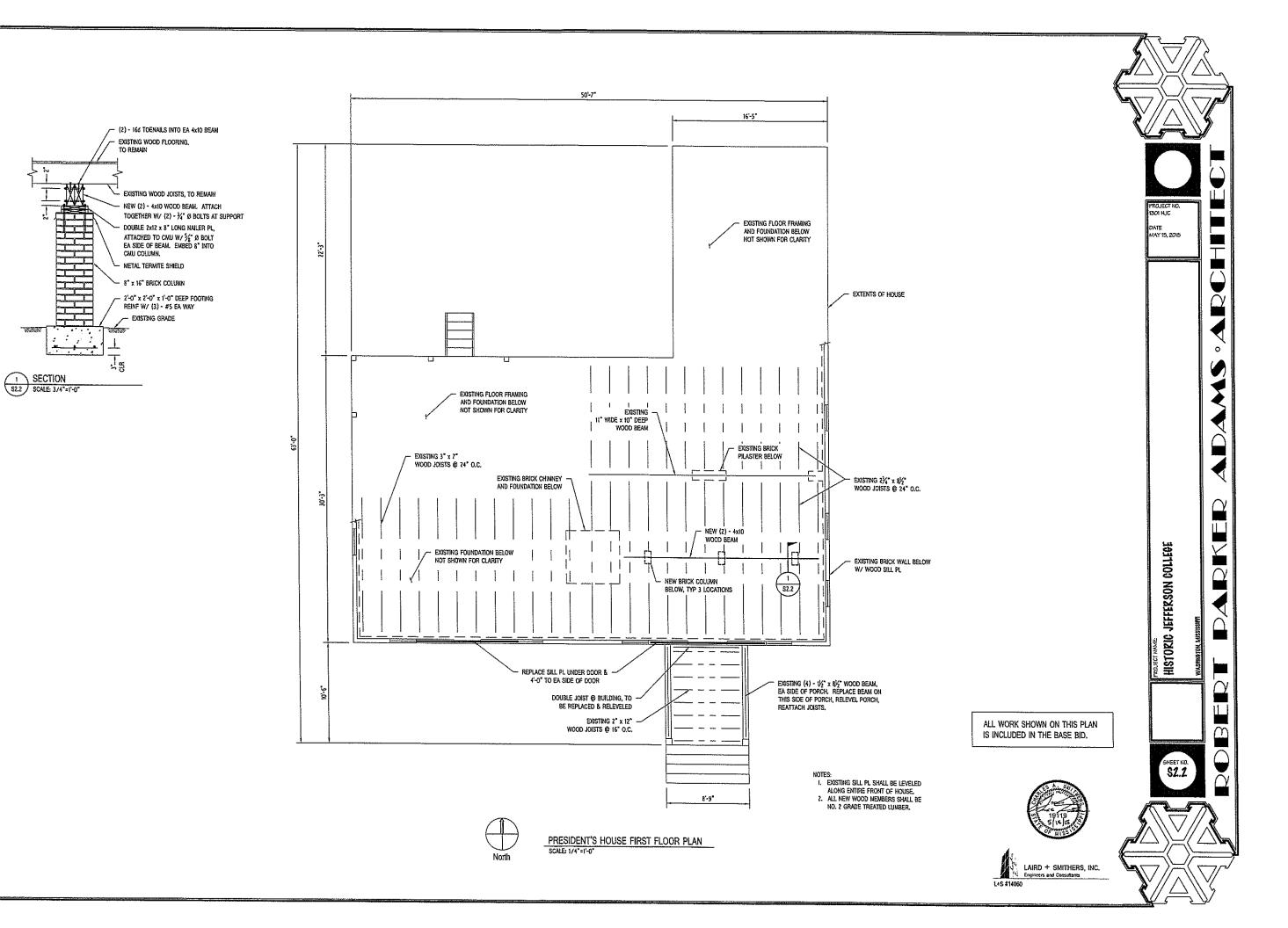


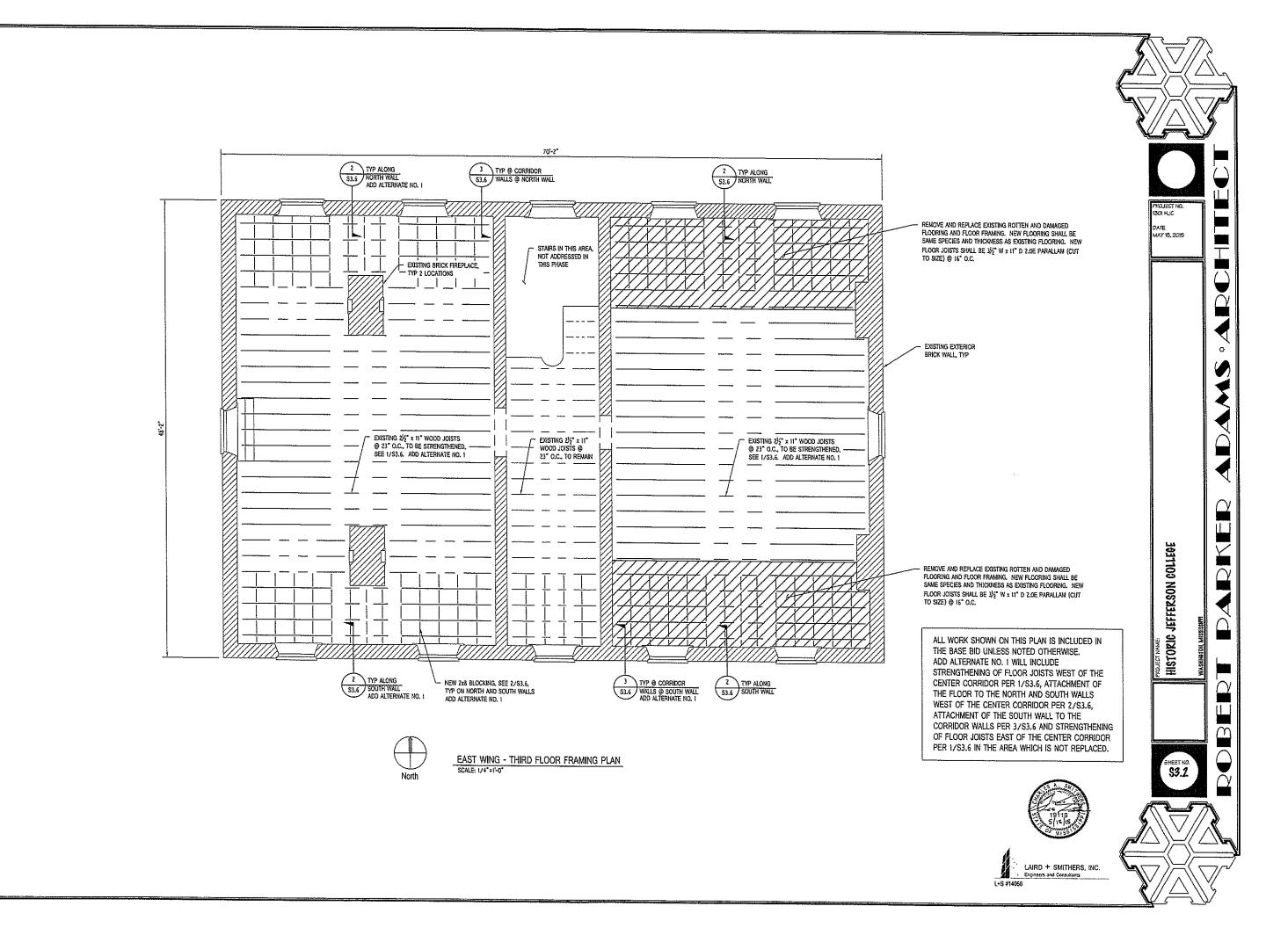


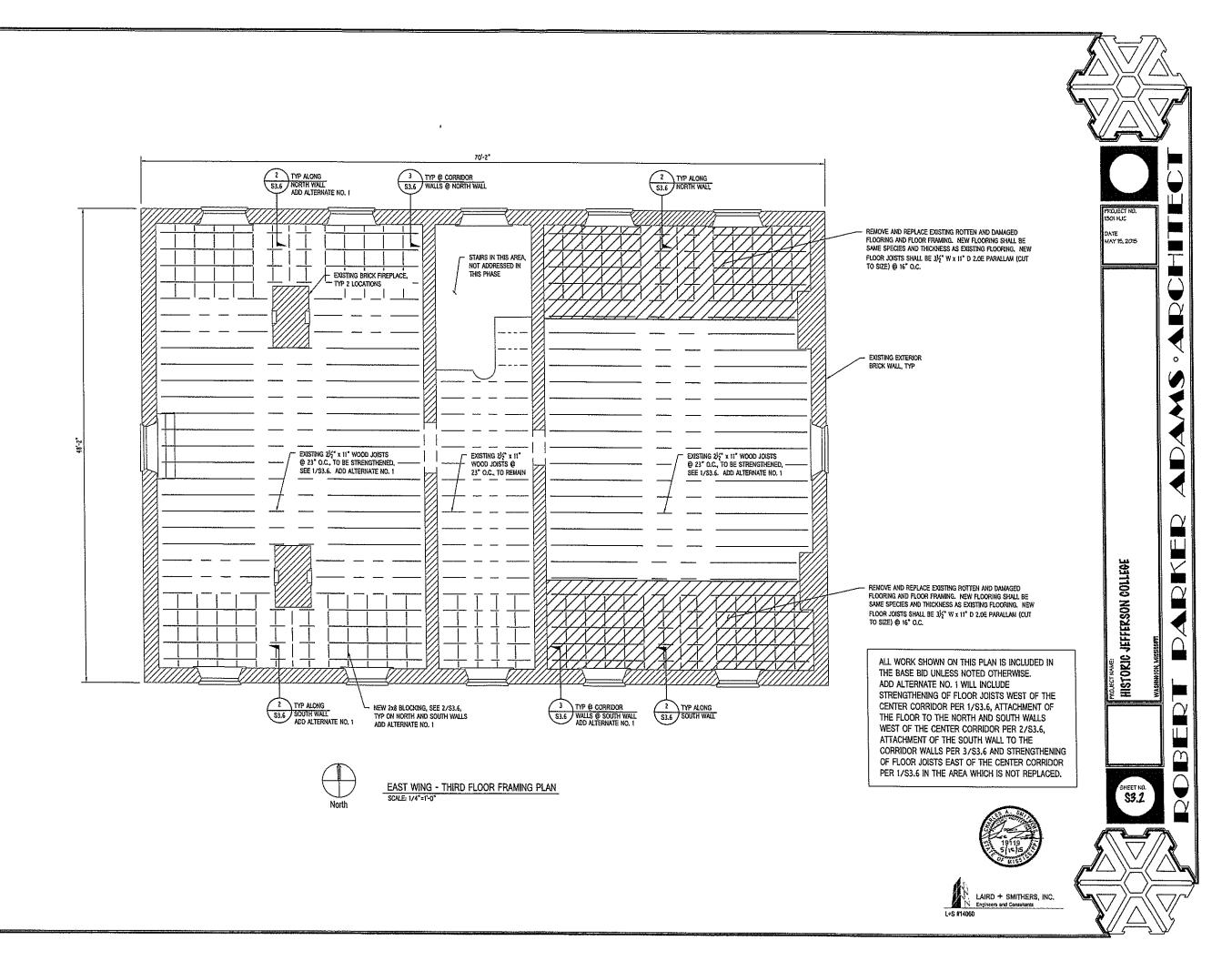
HISTORIC JEFFERSON COLLEGE

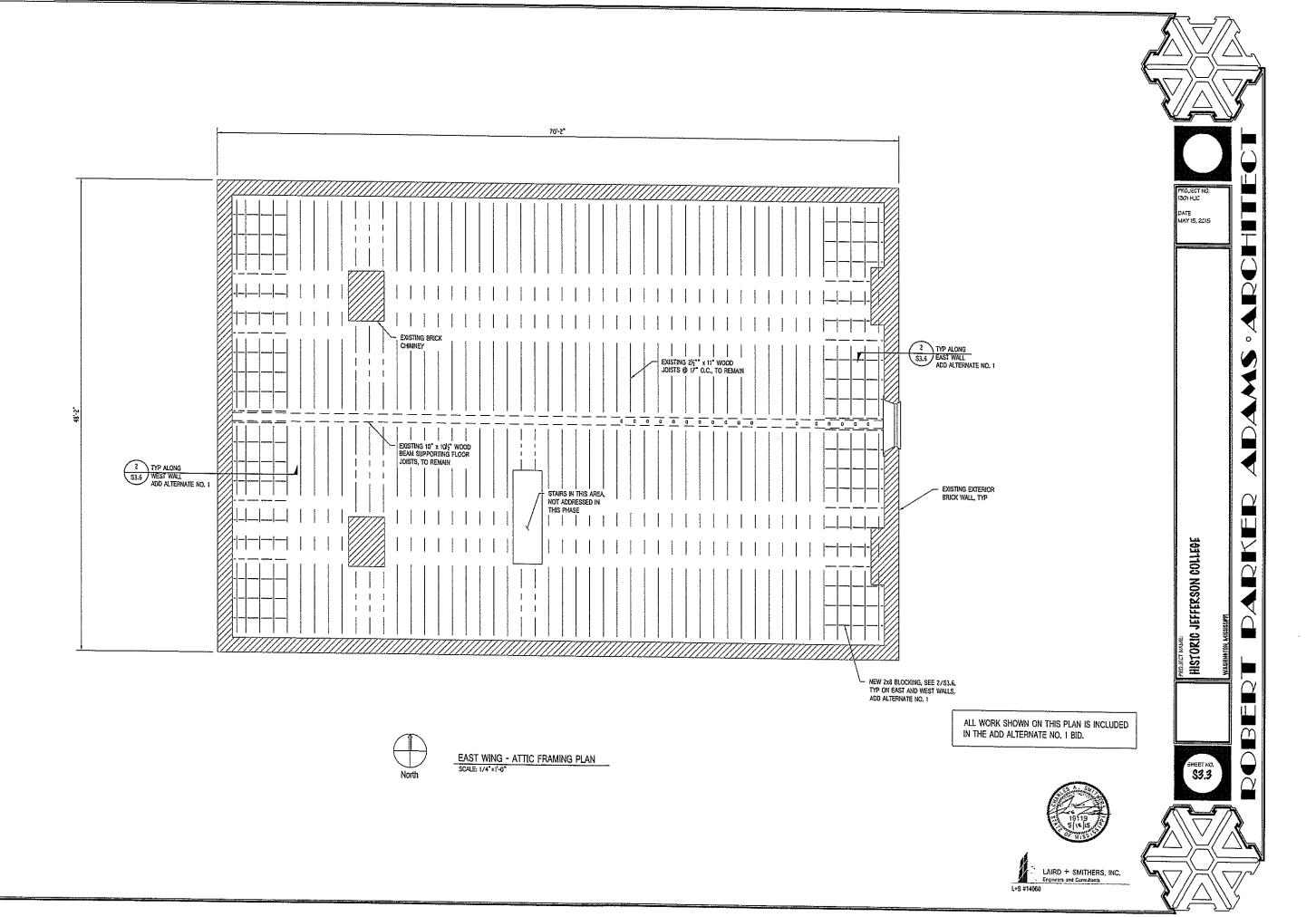
MAY 15, 2015

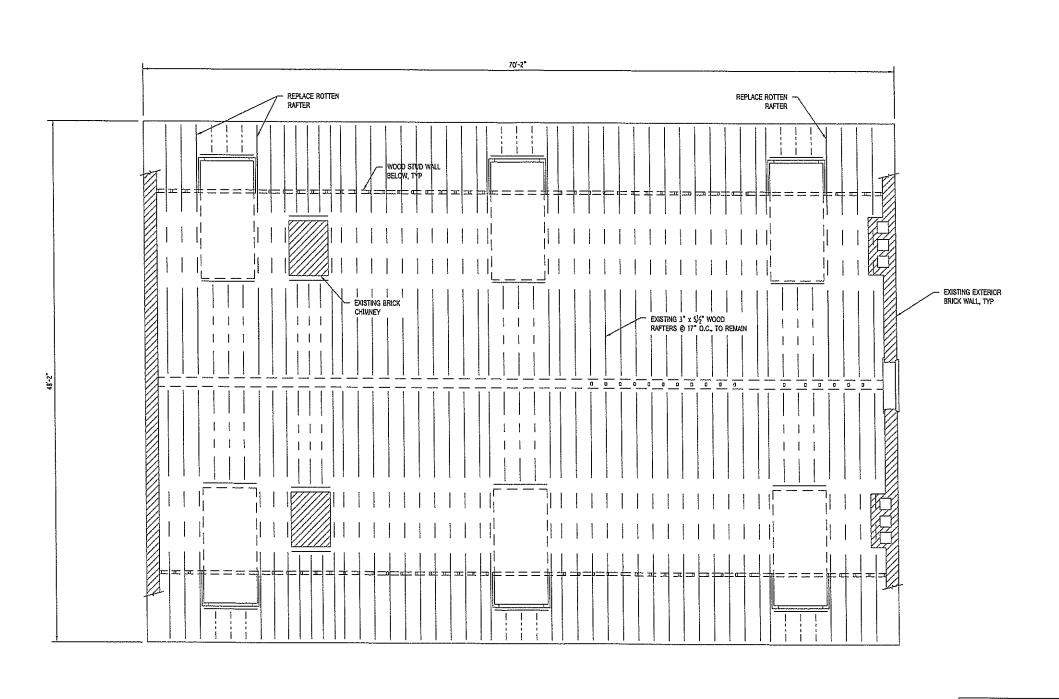










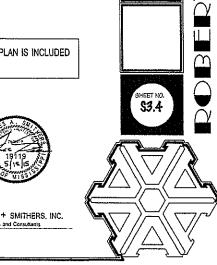


EAST WING - ROOF FRAMING PLAN SCALE: 1/4"=1'-0"

ALL WORK SHOWN ON THIS PLAN IS INCLUDED IN THE BASE BID.







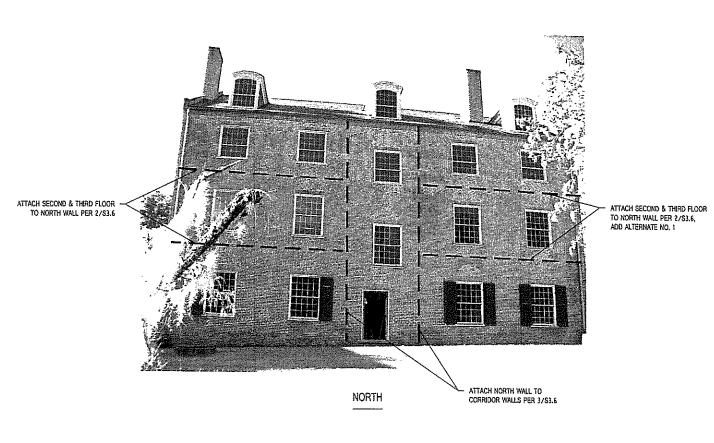
HISTORIC JEFFERSON COLLEGE

ARCHITECT

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ADAM

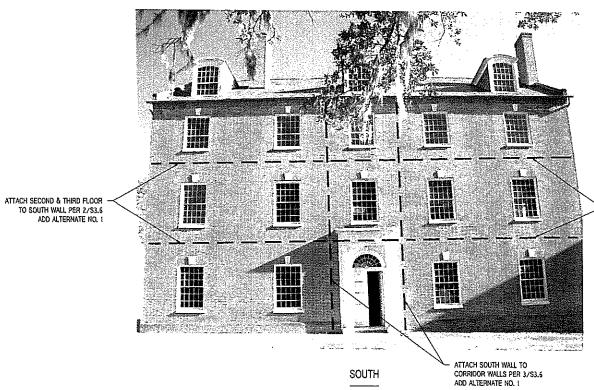
PROJECT NO. 1301 HJC DATE MAY 15, 2*0*15



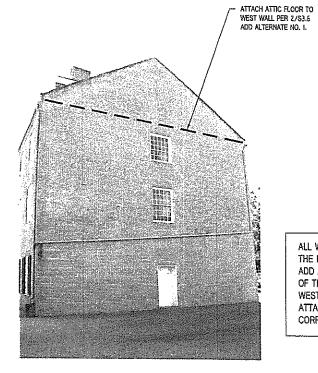
ATTACH ATTIC FLOOR TO EAST WALL PER 2/53.6 ADD ALTERNATE NO. 1

> ATTACH SECOND & THIRD FLOOR TO NORTH WALL PER 2/53.6

EAST



ATTACH SECOND & THIRD FLOOR TO SOUTH WALL PER 2/53.6



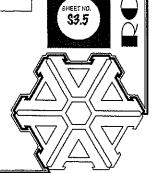
WEST

ALL WORK SHOWN ON THIS PLAN IS INCLUDED IN THE BASE BID UNLESS NOTED OTHERWISE.
ADD ALTERNATE NO. I WILL INCLUDE ATTACHMENT OF THE FLOOR TO THE NORTH AND SOUTH WALLS WEST OF THE CENTER CORRIDOR PER 2/S3.6 AND ATTACHMENT OF THE SOUTH WALL TO THE CORRIDOR WALLS PER 3/S3.6.



LAIRD + SMITHERS, INC.
Engineers and Consultants
L+S #14060





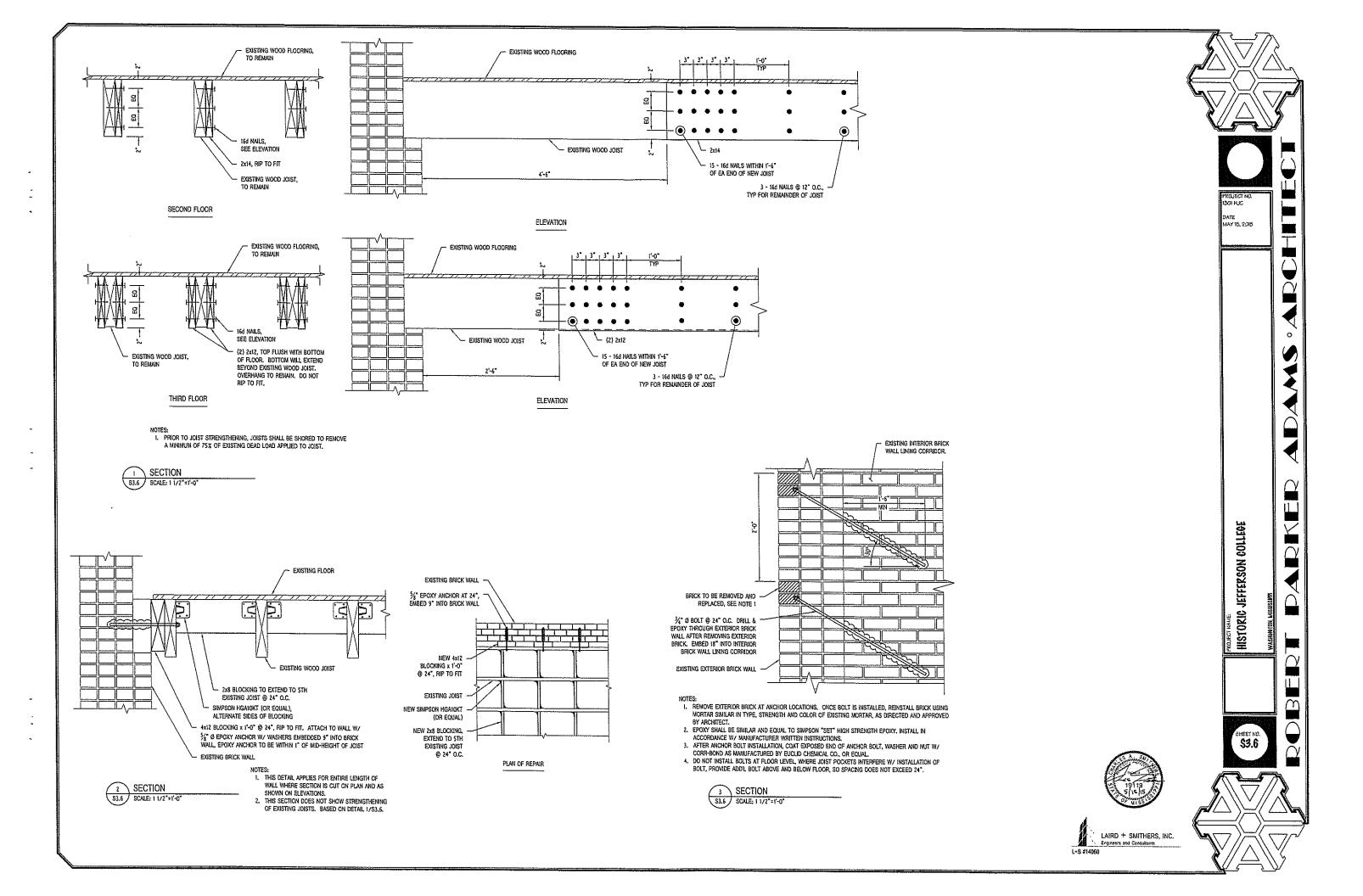
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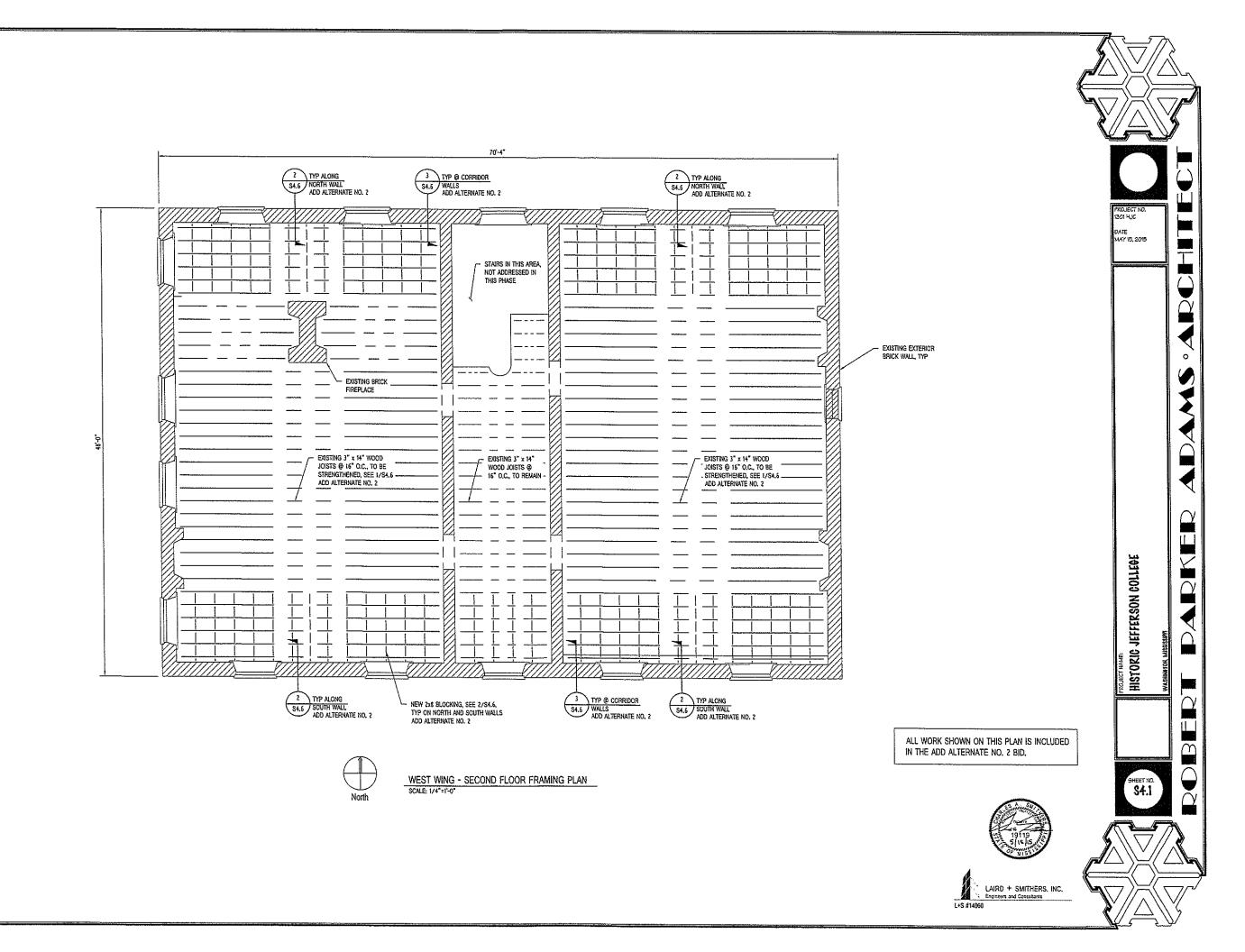
HISTORIC JEFFERSON COLLEGE

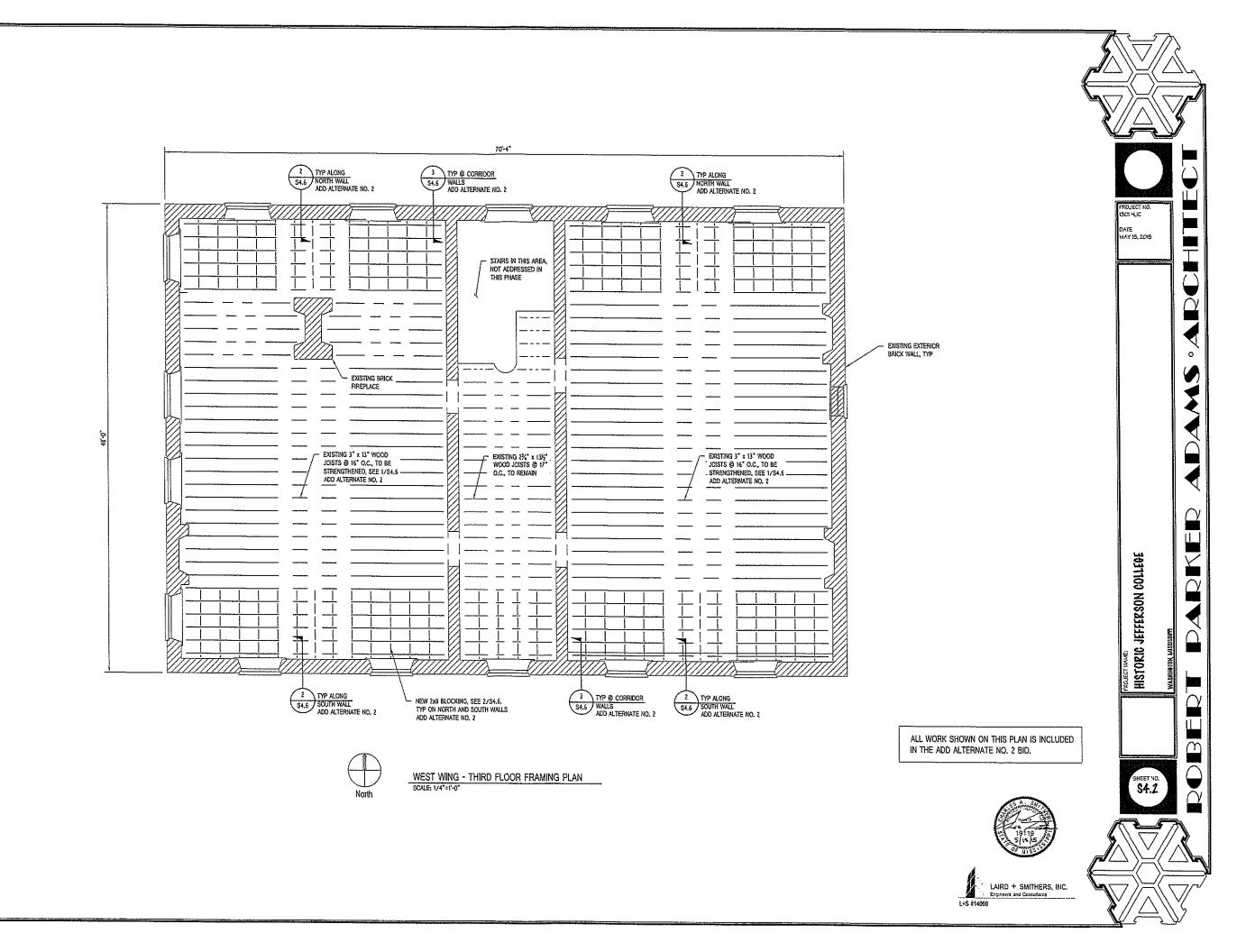
DATE MAY 15, 2015

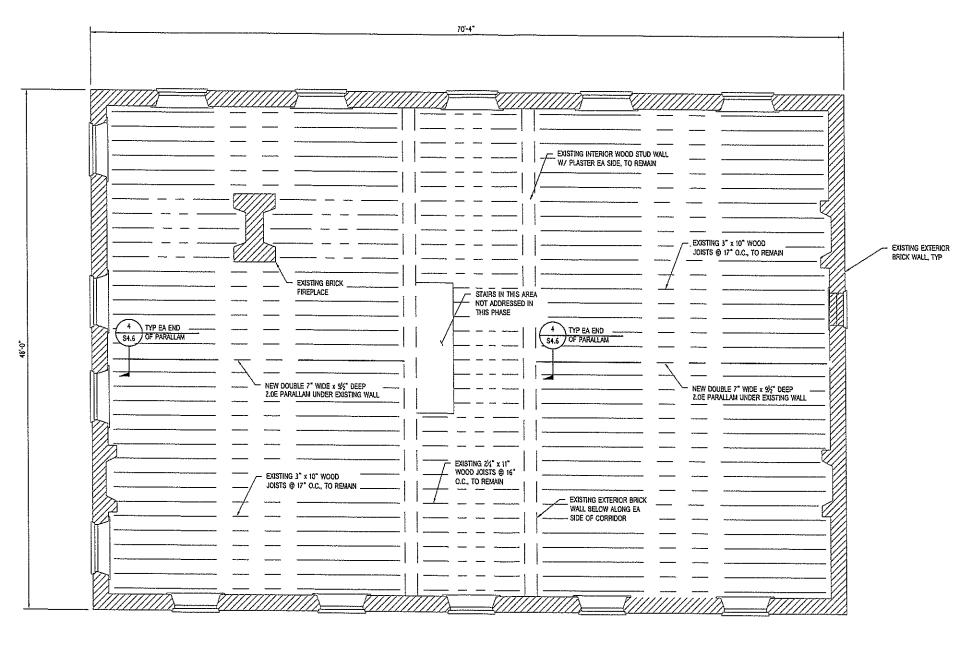
EAST WING - ELEVATIONS

SCALE: N.T.S.









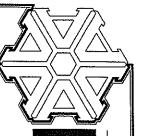
WEST WING - ATTIC FRAMING PLAN

ALL WORK SHOWN ON THIS PLAN IS INCLUDED

IN THE BASE BID.









1301 HJC

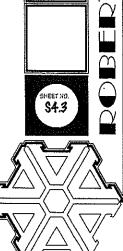
DATE MAY 15, 2015

ARC

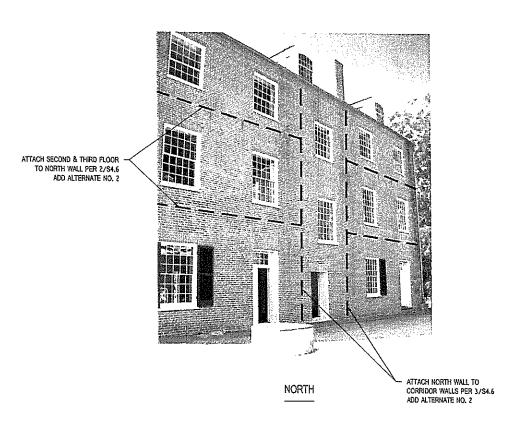
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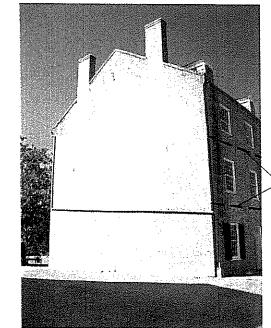
HISTORIC JEFFERSON COLLEGE

SHEET NO. \$4.3



70-4" PROJECT NO. 1391 HJC EXISTING WOOD STUD
PONY WALL BELOW, TYP DATE MAY 15, 2015 $\overline{\downarrow}$ EXISTING INTERIOR WOOD STUD WALL W/ PLASTER EA SIDE BELOW, TO REMAIN - Existing Brick Chimney o EXISTING 3" x 5½" WOOD RAFTERS @ 17" O.C., TO REMAIN - EXISTING EXTERIOR BRICK WALL, TYP 1 1 1 PROJECT NAME: HISTORIO JEFFERSON COLLEGE ROBER NO WORK SHOWN ON THIS PLAN. PLAN SHOWN FOR INFORMATION PURPOSES ONLY. WEST WING - ROOF FRAMING PLAN SCALE: 1/4"=1'-0" L+5 #14060 LAIRD + SMITHERS, INC.
Engineers and Consultants





ATTACH SECOND & THIRD FLOOR TO NORTH WALL PER 2/S4,6 ADD ALTERNATE NO. 2

0

PROJECT NO 1301 HJC

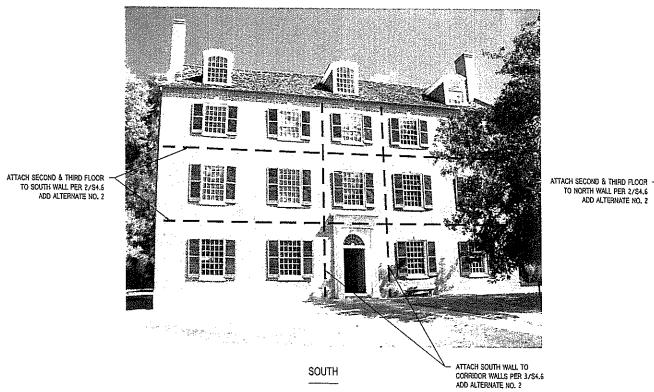
DATE MAY 15, 2*0*15

HISTORIC JEFFERSON COLLEGE

энеет мо. **\$4.5**

ROBER

EAST



WEST

ALL WORK SHOWN ON THIS PLAN IS INCLUDED IN THE ADD ALTERNATE NO. 2 BID.



LAIRD + SMITHERS, INC. L+S #14060

WEST WING - ELEVATIONS SCALE: N.T.S.

