



LIVING WITH HISTORY

Certificate of Appropriateness

Milwaukee Historic Preservation Commission/200 E. Wells Street/Milwaukee, WI 53202/phone 414-286-5712/fax 414-286-3004

Property 1046 N. 9TH ST. Trinity Lutheran Church
Description of work Install temporary bracing per attached engineer's report and drawings. Attachments of bracing shall be into the mortar joints to the maximum extent feasible rather than into the face of brick or stone. A non-abrasive membrane should be used between any steel and the exterior walls to minimize damage to the surface of the brick.
Date issued 6/20/2018 PTS ID 114561 COA: temporary bracing

In accordance with the provisions of Section 320-21 (11) and (12) of the Milwaukee Code of Ordinances, the Milwaukee Historic Preservation Commission has issued a certificate of appropriateness for the work listed above. The work was found to be consistent with preservation guidelines. The following conditions apply to this certificate of appropriateness:

All work must be done in a craftsman-like manner, and must be completed within one year of the date this certificate was issued. Staff must approve any changes or additions to this certificate before work begins. Work that is not completed in accordance with this certificate may be subject to correction orders or citations. If you require technical assistance, please contact Historic Preservation staff as follows: Phone: (414) 286-5712 E-mail: hpc@milwaukee.gov.

If permits are required, you are responsible for obtaining them from the Milwaukee Development Center. If you have questions about permit requirements, please consult the Development Center's web site, www.milwaukee.gov/build, or call (414) 286-8210.

City of Milwaukee Historic Preservation Staff

Copies to: Development Center, Ald. Robert Bauman, Contractor, Inspector Chris Kraco

Four pages follow



PIERCE ENGINEERS, INC.
CONSULTING STRUCTURAL ENGINEERS
181 N BROADWAY, MILWAUKEE, WI 53202
PHONE: 414.278.6060 | FAX: 414.278.6061

June 5, 2018

Mr. Micahel Mannan
Supervisor
Department of Neighborhood Services
841 N Broadway
Milwaukee, WI 53202

Re.: Trinity Evangelical Lutheran Church Wall Stability

Dear Mr. Mannan:

PIERCE ENGINEERS INC. (PE) visited the Trinity Evangelical Lutheran Church at 1046 N 9th Street in Milwaukee, Wisconsin on May 30, 2018. The purpose of visit was to visually observe the condition and stability of existing masonry walls after the fire took place on May 15, 2018. Based on our visual review, it is our opinion that existing masonry walls and gables upon providing shoring/bracing are stable. We do not think there is an imminent danger of wall failure but we recommend keeping the barricades and fence have for the safety of pedestrian. Also, we recommend installation of wall bracing and wall protection from water intrusion from rain soon.

Please do not hesitate to contact us should you have any questions.

Sincerely yours,

Shilak Shakya, PhD, SE, PE
Senior Structural Engineer



APPROVED

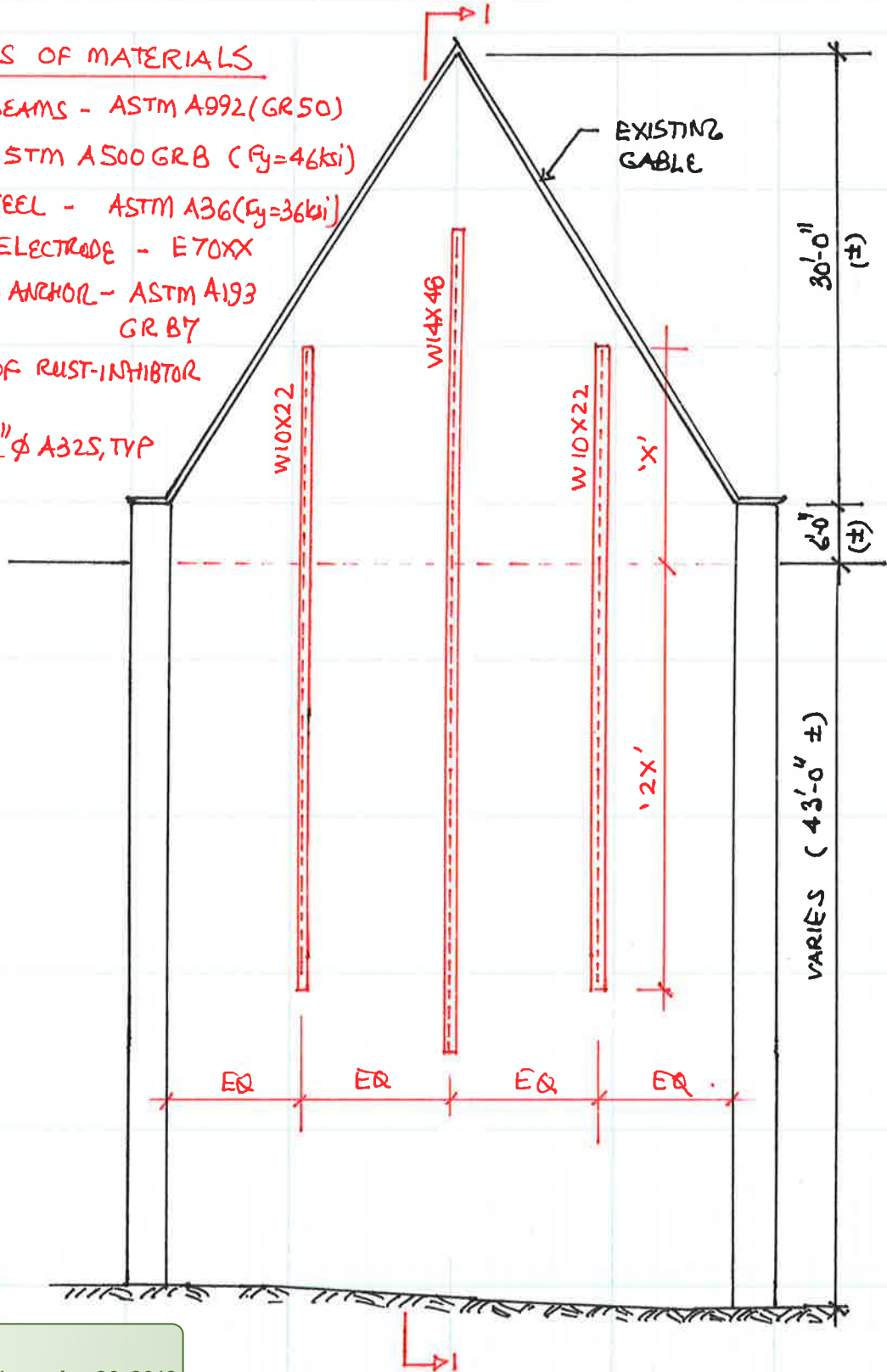
By Tim Askin at 9:11 am, Jun 20, 2018



Project Name TRINITY CHURCH WALL BRACING		Job No. 18363	
Calculation Section WALL BRACING		Sheet No. 101	
Calculated by SS	Date 06.14.18	Checked by	Date

STRENGTHS OF MATERIALS

- ALL 'W' BEAMS - ASTM A992 (GR50)
- HSS - ASTM A500 GR B ($F_y=46\text{ksi}$)
- MISC. STEEL - ASTM A36 ($F_y=36\text{ksi}$)
- WELDING ELECTRODE - E70XX
- THREADED ANCHOR - ASTM A193 GR B7
- (1) COAT OF RUST-INHIBITOR PAINT
- BOLTS - $\frac{3}{4}" \phi$ A325, TYP



APPROVED

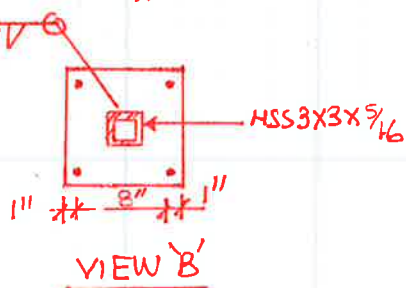
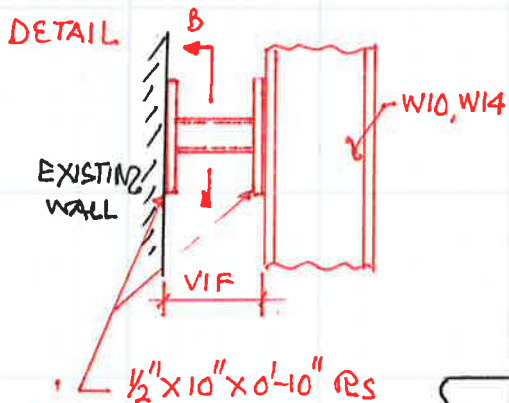
By Tim Askin at 9:11 am, Jun 20, 2018

EXIST'G GABLE MASONRY ELEVATION
(W/ NEW BEAM BRACING) NOSCALE.
(NORTH, SOUTH, AND WEST ELEVATIONS)

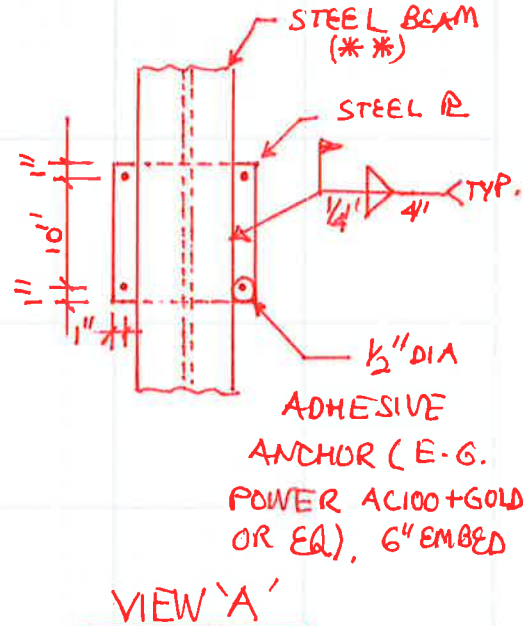
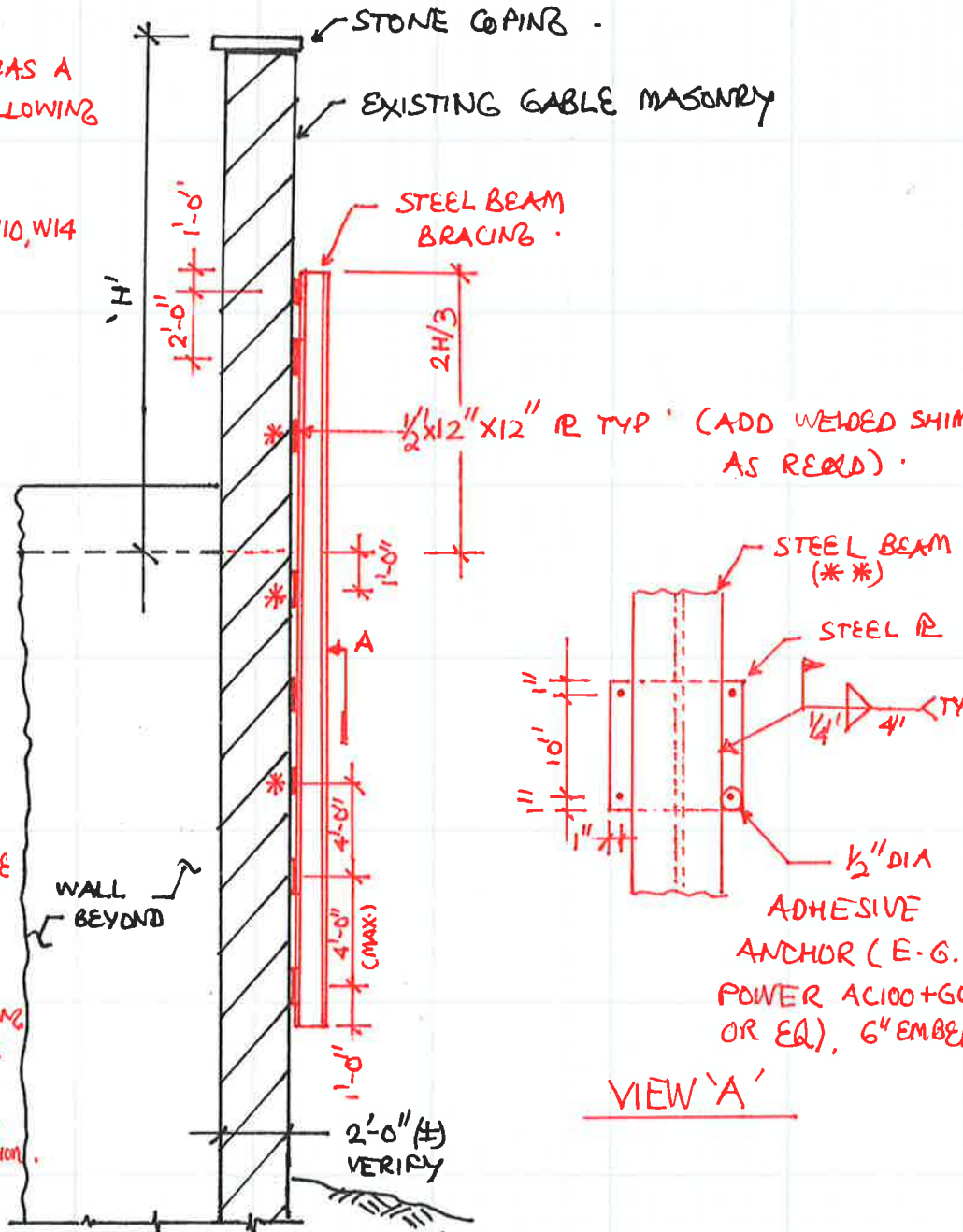
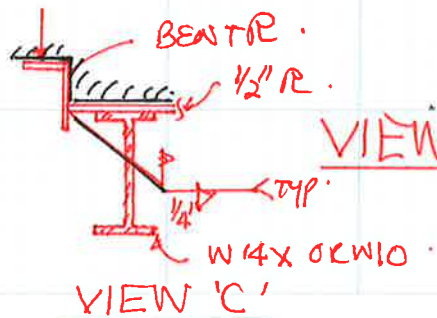
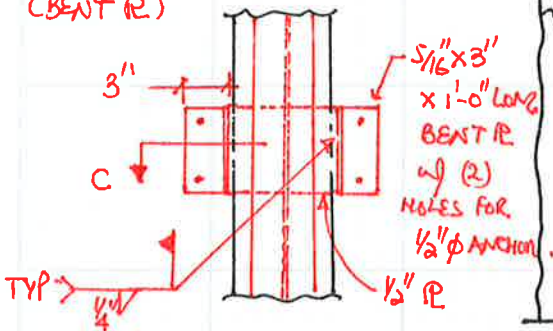


Project Name TRINITY CHURCH WALL BRACING		Job No. 18363	
Calculation Section WALL BRACING DETAIL		Sheet No. 102	
Calculated by SS	Date 06.14.18	Checked by	Date

* WHERE EXISTING WALL HAS A SET BACK, PLS. USE FOLLOWING



** IF BEAM FALLS OVER THIN BRICK PIER, PROVIDE CLIPS AS SHOWN BELOW. (BENT R)



VIEW 1-1 WALL BRACING DETAIL
NO SCALE

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By Tim Askin at 9:11 am, Jun 20, 2018

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