CITY OF PLACERVILLE
OLD CITY HALL

487-489 MAIN STREET
PLACERVILLE, CA 95667

PROJECT LOCATION:

OWNER REPRESENTATIVE:
TERRY ZELLER
CITY OF PLACERVILLE
PLACERVILLE, CA 95667
530-642-5232 EXT. 5540

DESIGNED BY:
DH GLARE & ASSOCIATES
3835 NEWLAND STREET
WHEAT RIDGE, CO 80033
303-301-2646

VERTICAL SHORING AND BRACING DESIGN

PROJECT DESCRIPTION:
The construction drawings herein detail the support system design required for the west exterior wall during rehabilitation. The support system includes: vertical shoring at the basement and level 1, and an exterior lateral bracing and scaffold system at grade and level 1.
SYSTEM SHORING DESIGN NOTES:
The design specified on these plans is based on the following design criteria:

1. ASSUMED DESIGN LOADS:
1.1. ROOF LIVE LOAD = 10 PSI MAX.
1.2. CEILING DEAD LOAD = 15 PSI MAX.
1.3. FLOOR LIVE LOAD = 20 PSI MAX.
2. ALL LOADS ARE CONSIDERED TO APPLY CONCURRENTLY TO THE PURPOSES OF DEVELOPMENT OF THE POST AND LED SHORING SHOWN.
3. IF ACTUAL LOADS EXCEED THE LOADS SHOWN, CONTACT DH GLARE & ASSOCIATES FOR ADDITIONAL INQUIRY.
4. MAXIMUM LOAD AT A SINGLE POST SHORE IS ASSUMED NOT TO EXCEED 4,770 LBS. LIMITATION AT A SINGLE LEEF OF A SHORING TOWER IS ASSUMED NOT TO EXCEED 2,150 LBS.
5. POST SHORE DESIGN IS BASED ON 2,500 LBS/PSF HORIZONTAL LOAD ON POST SHORES. SHORING TOWER DESIGN IS BASED ON ONS RING LOCK SYSTEMS SCAFFOLD. CONTACT DH GLARE & ASSOCIATES IF THERE IS ANY QUESTION OF AN ALTERNATIVE PRODUCT BEING A SAFE SUBSTITUTE.

SHORING NOTES:
1. SHORING INSTALLATION AND ALL USERS SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, LOCAL, AND OSHA STANDARDS.
2. SAFETY FACTOR FOR POST SHORE DESIGN IS 3.0:1 MIN FOR ALL LOADS.
3. SAFETY FACTOR FOR SHORING TOWER DESIGN IS 2.5:1 MIN FOR ALL LOADS.
4. SAFETY FACTOR FOR STEEL SHORING BEAMS IS 2.0:1 MIN FOR ALL LOADS.
5. SAFETY FACTOR FOR VERTICAL SUPPORTS IS 1.5:1 MIN FOR ALL LOADS.
6. ALL SHORING SHALL BE SET ON AN EVEN AND LEVEL SURFACE.
7. PLUMB AND LEVEL ALL SHORING AS THE ERECTION PROCEEDS. CHECK PLUMB AND LEVEL OF SHORING PRIOR TO LEAVING THE ASSEMBLY SITE.
8. IMPOSED LOADS ARE COMPUTED AS APPLIED CONCENTRICALLY TO THEIR VERTICAL SUPPORTS, WHETHER TOWERS OR SINGLE POST SHORES.
9. CONTRACTOR SHALL KEEP THE SPACE CLEAN WHEN OPERATING EQUIPMENT ADJACENT TO SHORING TOWERS AND POSTS, TO ENSURE THEY ARE NOT NAPED AT ANY TIME.
10. THE CONTRACTOR IS RESPONSIBLE FOR FULLY PROTECTING ALL ERECTION EQUIPMENT, OPERATION, AND THE ERECTION SITE.
11. ALL SHEET PLATES SHALL BE MADE TO SHEET WHERE APPLICABLE.
12. ALL CUTS IN SHEET PLATES SHALL BE CUT INTO SMOOTH Joints.
13. DH GLARE & ASSOCIATES IS NOT RESPONSIBLE FOR THE PROPER INSTALLATION AND USE OF THIS SHORING.
14. SHEET PLATES SHALL BE USED AND USED IN CONFORMITY WITH ALL MANUFACTURER'S SPECIFICATIONS, INSTRUCTIONS, AND REQUIREMENTS.
15. SHORING SHALL BE ERECTED IN ACCORDANCE WITH THE APPROVED DRAWINGS.

APPLICATION RECOMMENDATIONS AND STANDARDS:
1. THE FOLLOWING SPECIFICATIONS AND STANDARD INSTITUTE PUBLICATIONS ARE TO BE CONSIDERED AN INTEGRAL PART OF THIS DESIGN:
   A. STEEL FRAME SHORING SAFETY RULES.
   B. RECOMMENDED SAFETY CODES FOR VERTICAL SHORING.
   C. RECOMMENDED STEEL FRAME SHORING ERECTION PROCEDURE.
   D. POST SHORE SAFETY RULES.

ERECTION NOTES:
1. FOLLOW ALL APPLICABLE SAFETY STANDARDS FOR SHORING DURING ERECTION, CONSTRUCTION, AND DISMANTLING.
2. ALL SHORING EQUIPMENT SHALL BE ERECTED PLUMB AND LEVEL.
3. ALL LOADS BETWEEN STRUCTURAL MEMBERS OF THE SYSTEM SHALL BE TRANSFERRED CONCURRENTLY.
4. ALL SHORING SHALL BE PROPERLY ATTACHED AND SECURED TOGETHER WITH ALL LOADS SECURED TO EACH OTHER AND ALL SHORING SURFACES.
5. MAKE DETAILED INSPECTION OF SHORING TO ENSURE CONFORMANCE TO THE DRAWINGS AND GOOD ERECTION PRACTICE.
6. PROVIDE LACING AND BRACING TO PROVIDE LATERAL STABILITY TO POSTS.
7. INSTALL ALL PREMANUFACTURED EQUIPMENT IN ACCORDANCE WITH ALL MANUFACTURER'S INSTRUCTIONS.
8. ADDITIONAL SHORING NOTES:
   B. SHEET PLATES SHALL BE MADE TO SHEET WHERE APPLICABLE.
   C. ALL LOADS BETWEEN STRUCTURAL MEMBERS OF THE SYSTEM SHALL BE TRANSFERRED CONCURRENTLY.
   D. ALL SHEET PLATES SHALL BE CUT INTO SMOOTH JOINTS.
   E. PROVIDE LACING AND BRACING TO PROVIDE LATERAL STABILITY TO POSTS.

GENERAL NOTES:
1. CATERPILLAR AND CTZ WITH ALL NOTES AND INFORMATION PROVIDED ON THESE DRAWINGS, IF YOU DO NOT UNDERSTAND ANY OF THE INFORMATION PROVIDED, IMMEDIATELY CONTACT DH GLARE & ASSOCIATES FOR CLARIFICATION.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION, ALL REGULATIONS, CHANGES OR MODIFICATIONS TO THE PLAN SHALL BE BORROWED TO THE ATTENTION OF DH GLARE & ASSOCIATES AND ADDED TO THE CONTRACT.
3. THIS DRAWING HAS BEEN DESIGNED BASED ON INFORMATION PROVIDED BY OTHERS. DH GLARE & ASSOCIATES IS NOT RESPONSIBLE FOR DESIGN REVIEWS NEEDED DUE TO INCOMPLETE INFORMATION THAT REQUIRES ADDITIONAL INFORMATION. DH GLARE & ASSOCIATES IS RESPONSIBLE FOR PROVIDING ALL INFORMATION NECESSARY TO COMPLETE THE CONSTRUCTION.
4. DH GLARE & ASSOCIATES’ INVOICING IN THIS PROJECT IS LIMITED TO THE CONSTRUCTION IN THE AREA SPECIFIED ON THESE PLANS.
5. EVEN IF THE CONTRACTOR’S DIRECT CONTROL, DO NOT SUBMIT WORK IN A TANDEM WITH OR DIFFER FROM THE CONTRACTER’S GENERAL NOTES, METHODS, TECHNIQUES OR PROCEDURES OF CONSTRUCTION, OR THE SAFETY PRECAUTIONS AND PROGRAMS INCIDENT TO THE WORK.
6. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL LAWS AND REGULATIONS APPLICABLE TO THE ERECTION AND OR PERFORMANCE OF WORK.
7. THE EFFECTIVENESS OF THE EXISTING STRUCTURAL DESIGN AND/OR SOIL CONDITIONS WAS NOT REVIEWED AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ERECTION.
8. THE CONTRACTOR IS RESPONSIBLE FOR MONITORING LOAD TO ENSURE UNCUTS OUTLINED ON THESE DRAWINGS ARE NOT EXCEEDED.
9. THE USER'S RESPONSIBILITY FOR SHORING AND THE USE OF ALL SHORING.
10. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL APPLICABLE OSHA STANDARDS INCLUDING FALL PROTECTION.
11. USE OF THESE DESIGN DRAWINGS, DRAWN IN THE WORK, CONSTITUTES ACCEPTANCE/GUARDIAN AND ALL NOTES, AND OR THE CONDITIONS THAT ARE ASSOCIATED WITH THESE DESIGN DRAWINGS.
12. SHORING CONTRACTOR IS RESPONSIBLE FOR TRANSMITTING THESE DESIGN DRAWINGS TO ALL APPLICABLE PARTIES INVOLVED WITH THE PROJECT.
13. THE STRUCTURE SHOWN ON THESE DESIGN DRAWINGS IS CONSIDERED PERMANENT IN MANUFACTURER AND IS ASSEMBLED, USED, OR DISASSEMBLED AS SUCH.
14. STRUCTURE MUST BE BUILT ACCORDING TO DESIGN DRAWINGS SHOWN. ERECTION FROM DESIGN DRAWINGS MUST BE PERformed BY DH GLARE & ASSOCIATES. SUCH DRAWINGS ARE TO BE IN WITNESS OF DRAWING WITHOUT APPRAISAL RELEASES DH GLARE & ASSOCIATES FROM ALL LIABILITY.
15. DH GLARE & ASSOCIATES DISCLAIMS NO RESPONSIBILITY FOR WORK SITE SAFETY PRACTICES, PERSONAL SAFETY, OR ANY JOB SITE CONDITIONS. DH GLARE & ASSOCIATES WARRANTS THE STRUCTURAL INTEGRITY OF THE DESIGN AS STATED AND/OR SHOWN ON THE DESIGN DRAWINGS FOR THE FINAL PRODUCT ONLY AND IS NOT RESPONSIBLE FOR ANY STRUCTURAL, SAFETY, OR OTHER DEFECTS OR DAMAGES AT ANY TIME OTHER THAN AT THE CONTRACTOR.
16. IF PRODUCTS OTHER THAN THOSE SPECIFIED ON THESE DRAWINGS ARE USED IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE SAFE WORKING LOADS ALONG WITH THE APPROPRIATE FACTORS OF SAFETY ARE EQUAL TO OR GREATER THAN THE PRODUCT SPECIFIED. DH GLARE & ASSOCIATES IS NOT RESPONSIBLE FOR ANY QUESTIONS AS TO AN ALTERNATIVE PRODUCT BEING A SAFE SUBSTITUTE TO THOSE SPECIFIED ON THESE DRAWINGS.

ERECTION BUILDING NOTES:
ERECTION BUILDING INFORMATION SHOWN ON THESE DRAWINGS IS BASED ON DH GLARE & ASSOCIATES' INTERPRETATION OF THE EXISTING CONDITIONS, WHICH IS BASED UPON REVIEW OF DRAWINGS PREPARED BY OTHERS AND LIMITED VISUAL OBSERVATIONS. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY DH GLARE & ASSOCIATES IF ANY DISCREPANCIES WITH THESE DRAWINGS ARE FOUND PRIOR TO ERECTION AND OR PERFORMANCE OF WORK.

DATE: 03/11/2020
S1.0
SHORING SHOWN IS TO BE INSTALLED AT THE BASEMENT.
FRAMING SHOWN IS 1ST FLOOR FRAMING.
NOT ALL SHORING COMPONENTS SHOWN ON SHEET.
SEE CONTRACTOR OPTION 1/3.0

SHORING LAYOUT - BASEMENT

CONFIDENCE ENGINE COMPANY HALL

A
3.0

51'-5"
CONFIDENCE ENGINE COMPANY HALL

SHORING LAYOUT - 1ST FLOOR

SHORING SHOWN IS TO BE INSTALLED AT THE FIRST FLOOR.
FOAMING SHOWN IS 2ND FLOOR PLACING.

NOT ALL SHORING COMPONENTS SHOWN ON SHEET.
SHORING LEGS AND POSTS ABOVE SHALL BE SUPPORTED WITH STEEL BEAMS.

SCALE: 0" = 1'-0"
SHORING SHOWN IS TO BE INSTALLED AT THE 2ND FLOOR.
FRAMING SHOWN IS ROOF FRAMING.
NOT ALL SHORING COMPONENTS SHOWN THE SHEET.
1. Dimensions shown are approximate and contractor shall verify all dimensions prior to erection of shoring. Contact D.H. Glare & Associates if there are any discrepancies.
2. Contractor shall secure post shoring and screw jacks to all beams to prevent movement.
3. All items shall be secured to each other to prevent movement.
4. Sequence of operations for demolition, repairs, and construction is out of the scope of these drawings.
5. Construction of new structural elements and/or repair of existing structure shall be per drawings prepared by others, not reviewed by D.H. Glare & Associates.
6. Out-of-plane support/shoring shall be provided for existing brick wall. Wall bracing plan is under separate cover.
7. All shoring shall be installed for levels between levels. Contractor shall verify that all shoring is consistent with shoring below and above prior.
8. The contractor shall be responsible for ensuring that there is a safe working area conditioned off to ensure that the shoring is safe from impact, damage or toppling.
9. Public access shall not be permitted at the 2nd floor level while shoring is in place.

Sheet Notes:

1. These plans do not represent a guarantee or warranty against damage to the existing structure during demolition and/or repair. The shoring design was based on limited visual observations and the structural stability. The actual framing layout of the existing structure may differ from that shown. In addition, the structural capacity of the existing framing and brick wall may be limited due to rust, existing damage, or other unknown conditions.
2. The contractor shall perform a survey of the existing structure prior to demolition and/or repairs construction. The structural engineer of record shall review and approve the survey prior to demolition and/or repair.
3. These plans are limited to support of the structural roof and floor framing only. No other sections of the building were provided with a design for shoring by D.H. Glare & Associates. These plans are not intended to be used as a demolition or sequencing plan.
4. All demolition and/or repairs construction shall be performed in accordance with the D.H. Glare & Associates written instructions.
5. Live load and equipment shall not be permitted on the roof during demolition and/or repair procedures at lower levels.
6. D.H. Glare & Associates is not responsible for damage due to falling debris.

**Typical Section 1/4" = 1'-0"**

- **MIN NAIL EDGE OUT = 2"**
- **MIN NAIL SPACING = 2"**

**CONTRACTOR OPTION 1**

4x4 Wood Post or Ellips Light Duty Steel Shore Post w/ 2,000 lb min. Wee at each Shore Height (or Equivalent) Tied Beneath Each Floor Joist, TYP Sill by Contractor, TYP

**CONTRACTOR OPTION 2**

4x4 Wood Block Each Side of Roof Truss Chords w/ (4) 10x10 @ T&P & Bottom 6'-3" Long W11x10, or 4x6 Aluminum Joist, or 4x6 Timber Beam

**CONTRACTOR OPTION 3**

CONTRACTOR SHALL SECURE FLOOR IN ANY DIRECTION

**CONTRACTOR OPTION 4**

CONTRACTOR SHALL SECURE FLOOR IN ANY DIRECTION

**CONTRACTOR OPTION 5**

CONTRACTOR SHALL SECURE FLOOR IN ANY DIRECTION

**CONTRACTOR OPTION 6**

CONTRACTOR SHALL SECURE FLOOR IN ANY DIRECTION

**CONTRACTOR OPTION 7**

CONTRACTOR SHALL SECURE FLOOR IN ANY DIRECTION

**CONTRACTOR OPTION 8**

CONTRACTOR SHALL SECURE FLOOR IN ANY DIRECTION

**CONTRACTOR OPTION 9**

CONTRACTOR SHALL SECURE FLOOR IN ANY DIRECTION

**CONTRACTOR OPTION 10**

CONTRACTOR SHALL SECURE FLOOR IN ANY DIRECTION
ADDITIONAL NOTES FOR SCAFFOLDS USED AS SHOWN:

1. ALL SCAFFOLDS USED TO COMPLETE THE SCALFDING MUST COMPLY WITH ALL APPLICABLE STANDARDS.
2. ON GLADE & ASSOCIATES IS NOT RESPONSIBLE FOR THE PROPER EXECUTION, USE, AND/OR THE INSPECTION OF THE SCAFFOLD.
3. SCAFFOLDS SHALL BE ERECTED, MOVED, DEMANTLED, OR ALTERED ONLY UNDER THE SUPERVISION AND DIRECTION OF A COMPETENT PERSON QUALIFIED IN SCAFFOLD ERECTION, MOVING, DEMANTLING, OR ALTERATION. SUCH ACTIVITIES SHALL BE PERFORMED ONLY BY EXPERIENCED AND TRAINED EMPLOYEES SELECTED FOR SUCH WORK BY THE COMPETENT PERSON.
4. ALL STATIONARY SCAFFOLD LEGS SHALL BE INSTALLED WITH BASE PLATES.
5. ALL SCAFFOLD LEGS FOR TUBE AND CLAMP BRACING SHALL BE MINIMUM 1.90" O.D. x 0.09" THICK 50 KSI STEEL.
6. ALL TUBE AND CLAMP SHAL BE CLEAN AND FREE OF OIL AND DEFECTS.
7. ALL TUBE AND CLAMP CLAMPS SHALL HAVE A MINIMUM SAFE WORKING CAPACITY OF 1,500 LBS. AND BE TESTED IN ACCORDANCE WITH ANSI/SFST 50-100.
8. ALL TUBE AND CLAMP CLAMPS SHALL BE TIGHTENED TO MANUFACTURER'S RECOMMENDED TORQUE AND USED ONLY ON TUBE SIZES APPROVED BY MANUFACTURER.
9. ALL TUBE AND CLAMP CLAMPS USED IN HANGING APPLICATIONS MUST HAVE AN ADDITIONAL CHECK CLAMP INSTALLED BELOW THE LOAD BEARING CLAMP IN PHYSICAL CONTACT WITH THE PRIMARY CLAMP.
10. ALL SCREW JACKS SHALL BE LIMITED TO THE MANUFACTURER'S MAXIMUM EXTENSION AND SHALL BE INSTALLED TIGHT.
11. ALL SCAFFOLD LEGS SHALL BE SECURED TOGETHER FOR UPLIFT. REQUIRED STRENGTH SHALL BE 1,000 POUNDS MINIMUM.
12. ALL SCAFFOLD COMPONENTS SHALL BE INSTALLED AND USED IN COMPLIANCE WITH ALL MANUFACTURER'S SPECIFICATIONS.

DRAWN BY: [signature]

SHEET TITLE: WALL BRACING LAYOUT - PLAN VIEW

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

CONTRACTOR SHALL PROVIDE SILL, SUCH AS STEEL OR ALUMINUM BEAM, BENEATH LEGS IN NURSE PLANTER AREA TO ENSURE SOLID BEARING.
1. Dimensions shown are approximate and contractor shall verify all dimensions prior to sourcing of materials and erection of wall bracing system. Contact DM Glase & Associates if there are any discrepancies.

2. Contractor shall install bracing system prior to installing boxing (under separate cover) top beneath (e) framing.

3. Wall bracing is provided for the global stability of the (e) west brick wall. Individual bricks may be loose and subject to local instability. If there is concern that a significant amount of bricks are loose and in danger of separating from the wall, contractor shall install 2 layer plywood along the interior and exterior faces of the brick wall adjacent to the wood framing members shown herein.

4. Sequence of operations for demolition, repairs, and construction is out of the scope of these drawings.

5. Construction of new structural elements and/or repair of existing structure shall be per drawings prepared by others, not induced by DM Glase & Associates.

6. Vertical boxing shall be provided for existing roof framing. Boxing plan is under separate cover.

7. The contractor shall be responsible for ensuring that there is a safe working area cordoned off to protect the wall bracing from impact, damage or tampering.

DRAW AND REVISE NOTES:

1. THESE PLANS DO NOT REPRESENT A GUARANTEE OR WARRANTY AGAINST DAMAGE TO THE EXISTING STRUCTURE DURING DEMOLITION AND/OR REPAIR CONSTRUCTION. THE WALL BRACING DESIGN WAS BASED ON LIMITED VISUAL OBSERVATIONS AND THE LIMITED INFORMATION PROVIDED BY THE COMMUNITY. THE ACTUAL FLOOR LAYOUT OF THE EXISTING STRUCTURE MAY DIVERGE FROM THAT SHOWN. IN ADDITION, THE STRUCTURAL CAPACITY OF THE EXISTING WALLS AND WALLS MAY BE LIMITED DUE TO SITE EXISTING DAMAGE OR OTHER UNKNOWN CONDITIONS.

2. THE CONTRACTOR SHALL PERFORM A SURVEY OF THE EXISTING STRUCTURE PRIOR TO DEMOLITION AND/OR REPAIRS CONSTRUCTION. THE STRUCTURAL ENGINEER OF RECORD SHALL REVIEW AND APPROVE THE SURVEY PRIOR TO DEMOLITION AND/OR REPAIRS.

3. THESE PLANS ARE LIMITED TO THE TEMPORARY LATERAL SUPPORT OF THE (e) WEST BRICK WALL ONLY. NO OTHER SECTIONS OF THE BUILDING WERE PROVIDED WITH A DESIGN FOR WALL BRACING BY DM Glase & Associates. THESE PLANS ARE NOT INTENDED TO BE USED AS A DEMOLITION OR SEQUENCING PLAN.

4. ALL DEMOLITION AND/OR REPAIRS CONSTRUCTION SHALL BE PERFORMED PER CAUTION, INSTRUCTIONS, AND OTHER APPLICABLE STANDARDS.

5. LIVE LOAD AND EQUIPMENT SHALL NOT BE PERMITTED ON THE ROOF DURING DEMOLITION AND/OR REPAIR PROCEDURES AT LOWER LEVELS.

6. DM Glase & Associates is not responsible for damage due to falling debris.
1 1/2" = 1'-0"

DETAIL

1

A

5.0

DETAIL

2

SCALE:

0

3/11/2020

©

DESCRIPTION

DATE

A

B

C

D

E

F

G

H

REVISIONS:

SHEET:

REVISION:

CUSTOMER:

CITY OF PLACERVILLE

PROJECT:

OLD CITY HALL

LATERAL WALL BRACING DESIGN

DATE:

2019-0398

JOB NO.:

DRAWN BY:

SHEET TITLE:

BAR

 TASK NO.:

03

03/11/2020

B5.0

DETAILS

#8x2" WOOD SCREW, TYP (4 TOTAL)

#8 A36 ALL-THREAD W/ NUT

SIMPSON A34 TOP & BOTT, TYP

PL/I 4X4X0.6" w/ 1/2" HOLE AT CENTER

DOIL NUTS, TYP

#8x2" WOOD SCREW, TYP (4 TOTAL)

4x4 TIMBER HORIZONTAL, TYP

4x4 TIMBER VERTICAL, TYP

(E) BRICK WALL

4" FILLET WELD

SCAFFOLD TUBE

NOTES:

1. CARE SHALL BE TAKEN WHEN PENETRATING (E) BRICK FOR INSTALLATION OF ALL-THREADS. DO NOT DAMAGE (E) BRICK.

2. HOLES IN (E) BRICK SHALL BE CORE DRILLED; A ROTARY HAMMER SHALL NOT BE USED FOR DRILLING INTO (E) BRICK.

3. DIAMETER OF HOLE IN (E) BRICK SHALL BE EQUAL TO THE DIAMETER OF THE ALL-THREAD PLUS 1/4".

4. CENTER 1/4" PLATE ON DOIL 4X4 TIMBER POSTS.

5. CENTER ALL-THREAD IN ROOF TRUSS JOINT.

6. ENSURE (N) TIMBER FRAMING IS SIGNED TO (E) BRICK WALL.

7. INSTALL WOOD SAWHIS AS REQUIRED TO PROVIDE FILL BEARING.

8. ALL LOADS SHOWN ARE AT SERVICE LEVEL (0.9x)