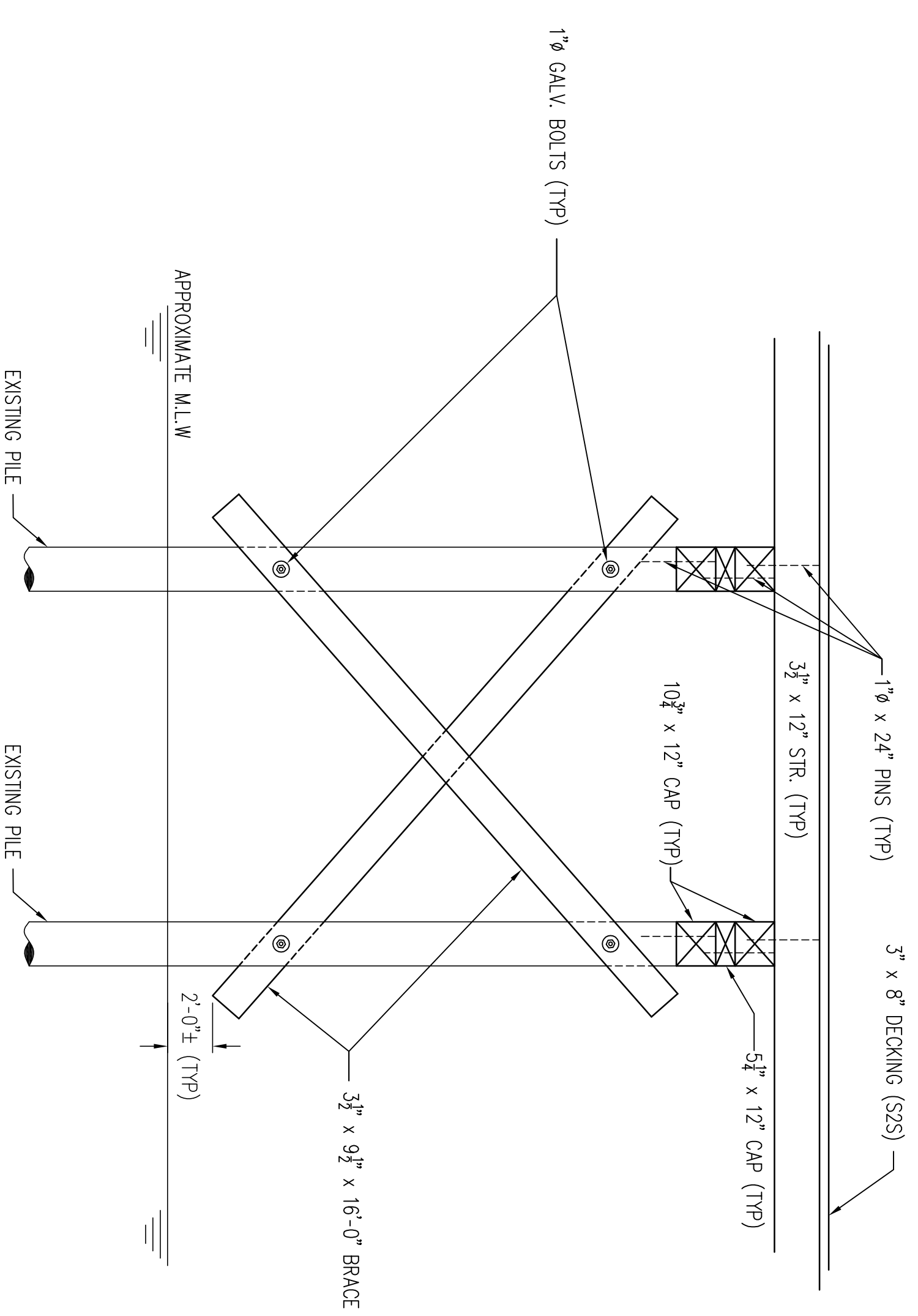


EAST-WEST BRACING DETAIL

$\frac{3}{8}'' = 1'-0''$



NORTH-SOUTH BRACING DETAIL

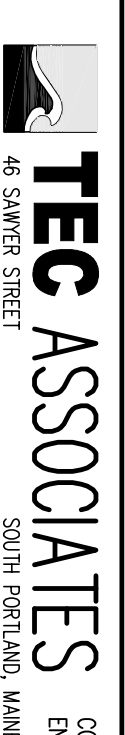
$\frac{3}{8}'' = 1'-0''$

NOTES

1. DECKING SHALL BE SOUTHERN YELLOW PINE GRADE "SELECT DECKING" OR BETTER, SURFAGED TWO SIDES, AND TREATED TO A RETENTION OF 1.0 POUNDS PER CUBIC FOOT OF CHROMIATED COPPER ARSENATE (CCA) IN ACCORDANCE WITH AMPA STANDARD C2.
2. STRUCTURAL LUMBER SHALL BE PARALLAM PARALLEL STRAND LUMBER (PSL) AS MANUFACTURED BY TRUS JOIST MACWILLAN OF BOISE, ID. CONTACT MR. JOHN FALSTROM, NORTHEAST AREA MANAGER, (880) 434-7488. AT THE CONTRACTOR'S OPTION, SAWN SOUTHERN YELLOW PINE GRADE NO. 1 SR MAY BE SUBSTITUTED FOR PARALLAM PSL. ALL STRUCTURAL LUMBER SHALL BE TREATED TO A RETENTION OF 1.0 POUNDS PER CUBIC FOOT OF CHROMIATED COPPER ARSENATE (CCA) IN ACCORDANCE WITH AMPA STANDARD C2.
3. SCREW FASTENERS FOR DECKING SHALL BE RRS STRUCTURAL SCREWS AS MANUFACTURED BY GRK CANADA, LTD., THUNDER BAY, ONTARIO, (800) 263-0463, AVAILABLE THROUGH K.L. JACK.
4. HARDWARE SHALL INCLUDE BOLTS WITH NECESSARY NUTS AND WASHERS, NAILS, SCREWS, SPIKES, PINS, AND OTHER METAL FASTENINGS. BOLTS AND NUTS SHALL CONFORM TO ASTM A307. ALL HARDWARE AND STEEL ITEMS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153.
5. AT THE CONTRACTOR'S OPTION, EXISTING TIMBER FRICTION PILES MAY BE PULLED TO AN ELEVATION THAT WILL ELIMINATE THE NEED FOR TRIPLE CAPS AS SHOWN ON THE PLANS, REDUCING THE CAP REQUIREMENT TO ONE 10 5/4" X 12" CAP. A TEST PILE SHALL BE PULLED UNDER THE SUPERVISION OF THE ENGINEER BEFORE PROCEEDING WITH THIS OPTION. ADDITIONAL PILES, IF REQUIRED, WILL BE BY CHANGE ORDER.
6. CONTRACTOR TO REINSTALL EXISTING RAILING AND FENCES.
7. ALL USED TIMBER, DEBRIS, AND SURPLUS MATERIAL TO BE REMOVED FROM THE SITE AND DISPOSED OF IN A LAWFUL MANNER.

FLATBREAD WHARF LLC
AMESBURY, MASSACHUSETTS

FLATBREAD PORTLAND
DECK REPAIRS



CONSULTING ENGINEERS
46 SAWYER STREET
SOUTH PORTLAND, MAINE 04106

SCALE AS NOTED DATE 10 MARCH 2006
JOB NUMBER 0680-1
DESIGNED BY K.F.
DRAWN BY K.F.
DATE 2 OF 2

23 March 2004

30 D3

Mr. Michael Nugent
Building Inspector
City of Portland
389 Congress Street
Portland, ME 04101

Re: Flatbread Wharf LLC
Structural Repairs to Second Floor

Dear Mr. Nugent:

The second floor live load for the above reference project was 100 psf for open assembly areas per BOCA Code. The second floor dead load was determined to be 76 psf after taking several core samples and determining that 4 ½ inches of concrete had been uniformly poured there. Calculations are attached.

TEC Associates will monitor all work via periodic inspection. We will also be present for the entire operation to change floorbeam 4 in panel 1. A report will be prepared upon completion of the work.

Please call with any questions.

Very truly yours,
TEC ASSOCIATES


Wayne W. Duffett, P.E.

Enclosure

cc: Kim Suhr (w/o enclosures)
John Meehan (w/o enclosures)

2 April 2004

Mr. John Meehan
Flatbread Wharf LLC
4 High Street, Unit 5
Hampton, NH 03842

30D3

Re: Flatbread Wharf LLC
Flatbread Restaurant Portland
Structural Repairs to Second Floor

Dear John:

On the evening of 30 March I worked with CPM Constructors during the changing of the cracked floor beam #4 in panel #1. The work was completed by 9:00 AM the next morning. I visited the job again in the morning of 1 April and observed the installation of the first of the new stringers. The work is in accordance with the plans. I plan to visit the job occasionally in the morning before the crew finishes work to monitor progress and compliance with the plans.

Very truly yours,
TEC ASSOCIATES



Wayne W. Duffett, P.E.

cc: Mike Nugent, City of Portland